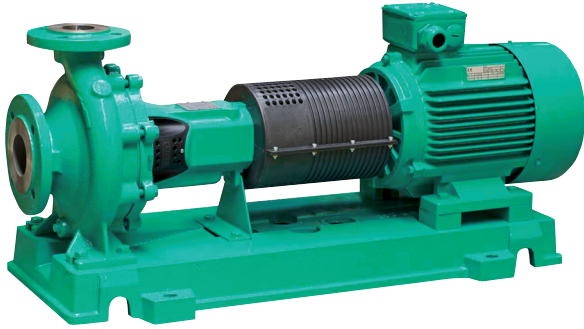


# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Series description Wilo-CronoNorm-NL



### Description/design

- Single-stage end suction centrifugal base mounted pump flexibly coupled to NEMA frame foot mount motor
- Mechanical sealed (gland packed version optional)
- Optional spacer coupling
- 60 Hz motors, ODP standard, TEFC optional

### Design

- End suction back pull-out, single stage, centerline discharge base mounted centrifugal pump

### Application

- Pumping clean or slightly contaminated water (max. 20 ppm) for circulation, transfer and pressure boosting purposes
- Applications include municipal water supply, irrigation, building services (HVAC), general industry, power stations, etc.

### Scope of delivery

- Pump end only (bare shaft pump) or
- Pump, base, coupling and coupling guard or
- Completely assembly (pump, base, coupling, guard and motor)
- Installation and operating instructions

### Type key

	NL 4x3x8
NL	End suction base mount type
4	Suction (inlet) flange size (inch)
3	Discharge (outlet) flange size (inch)
8	Maximum impeller diameter (inch)

### Materials

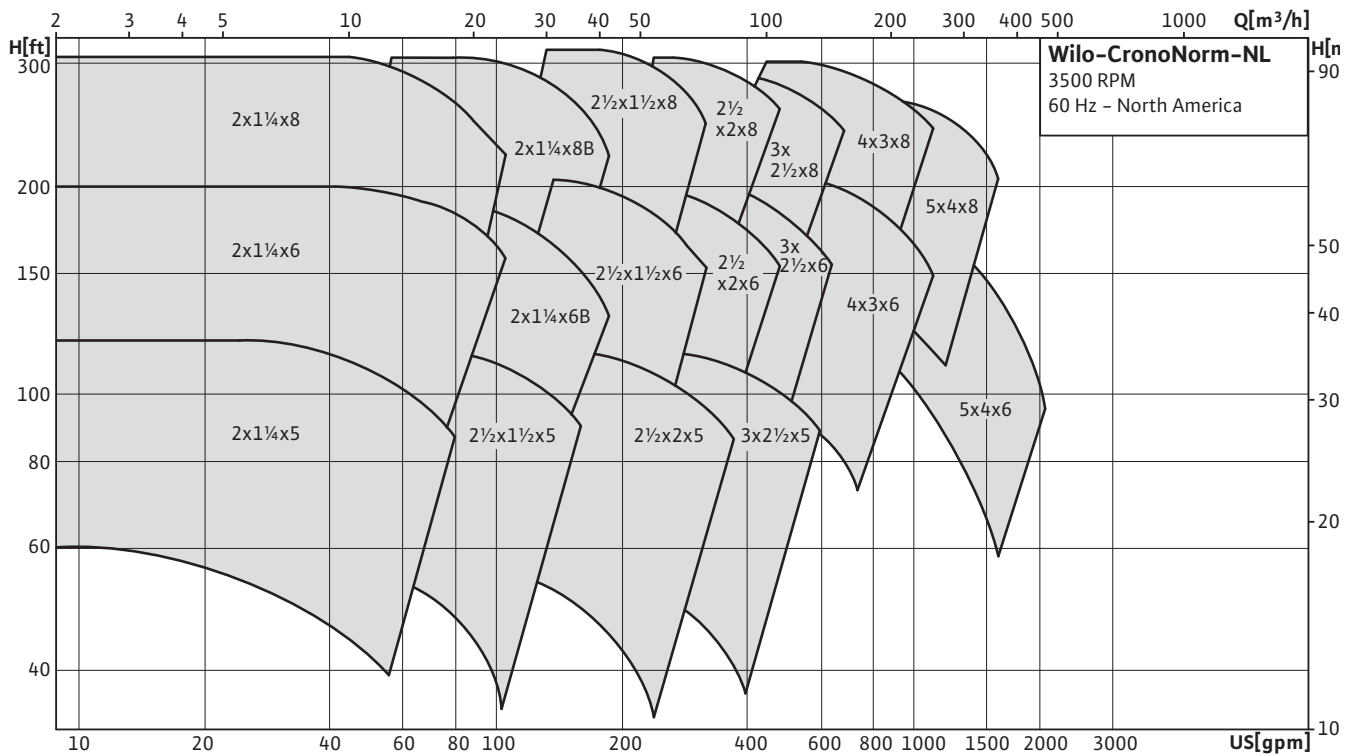
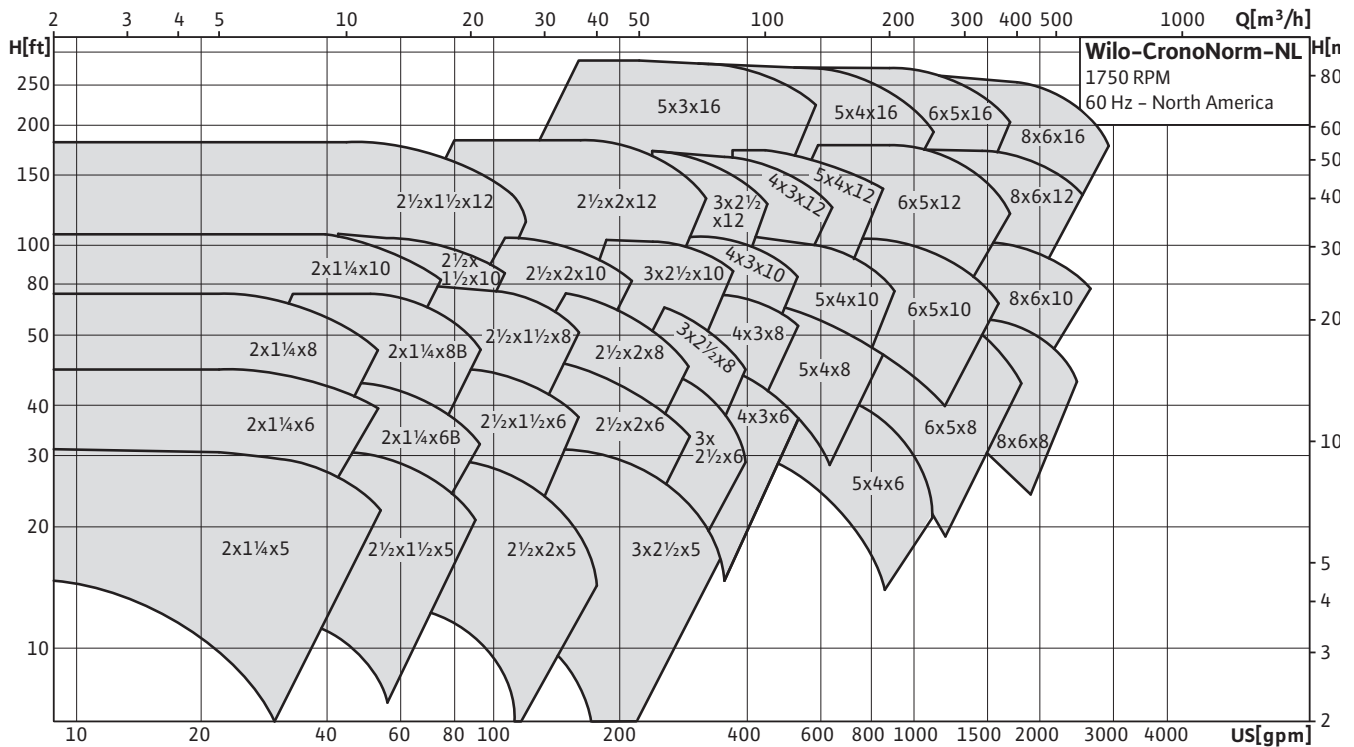
- Cast iron volute, bronze impeller (bronze fitted) standard construction
- Optional materials available (contact WILO for additional information)
- Standard 150# ANSI flanged, 300# ANSI optional
- Standard mechanical shaft seal AQ1EGG for water up to 250°F (120°C)
- Optional gland packed for water up to 230°F (110°C)

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)



## Series description Wilo-CronoNorm-NL

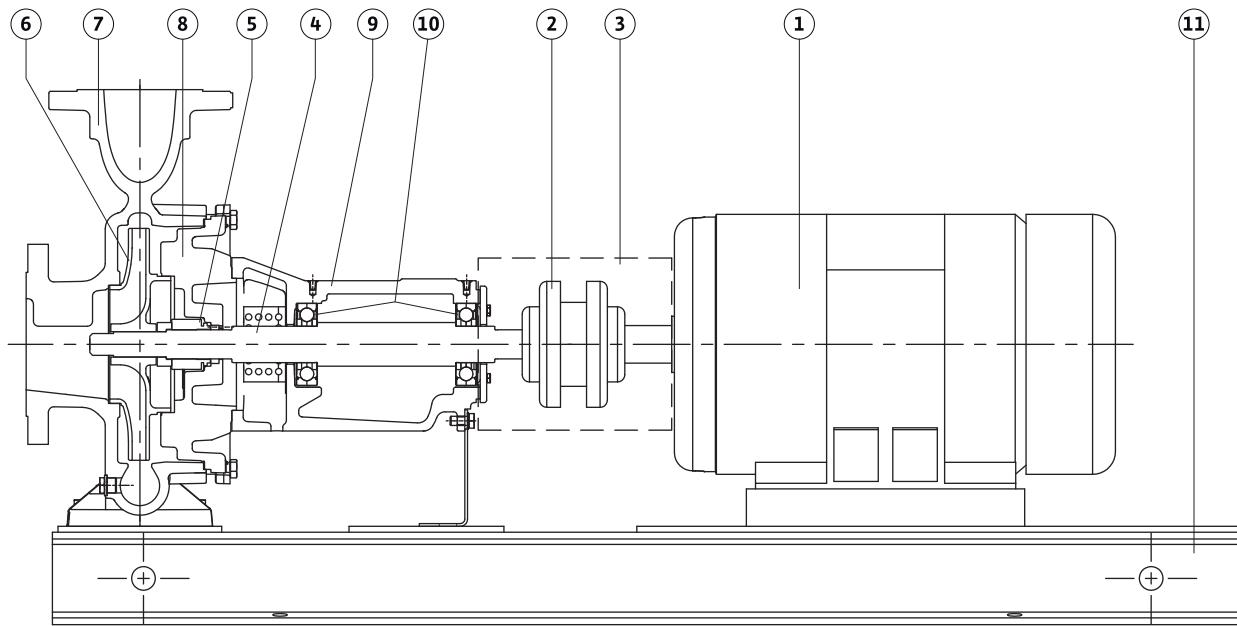


# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Series description Wilo-CronoNorm-NL

### Section drawing



- |   |                |   |                 |   |                 |    |                |
|---|----------------|---|-----------------|---|-----------------|----|----------------|
| 1 | Motor          | 4 | Shaft           | 7 | Pump casing     | 10 | Roller bearing |
| 2 | Coupling       | 5 | Mechanical seal | 8 | Housing cover   | 11 | Baseplate      |
| 3 | Coupling guard | 6 | Impeller        | 9 | Bearing bracket |    |                |

### Technical data Wilo-CronoNorm-NL

Wilo-CronoNorm-NL	
<b>Approved fluids (other fluids on request)</b>	
Heating water	•
Cooling and cold water	•
Water-glycol mixtures (for 20–40 vol.% glycol and fluid temperature ≤ 104 °F)	• (from 10 vol.% glycol and higher: performance check required; up to 50% glycol: mechanical seal on request)
<b>Permitted field of application</b>	
Maximum inlet pressure on suction side	250 psi (17 bar)
Temperature range for applications in HVAC systems at max. ambient temperature of +40 °C	-4 to 250 °F (-20 to +120 °C)
Max. ambient temperature	104 °F (40 °C)
<b>Pipe connections</b>	
Nominal connection diameters D <sub>n</sub>	On suction side: 2–8 (larger nominal diameters on request) on discharge side: 1 <sup>1</sup> / <sub>4</sub> –6 (larger nominal diameters on request)
<b>Materials</b>	
Pump housing	Cast iron FG260
Casing cover	Cast iron FG260
Impeller	Bronze LG2
Impeller (special version)	Cast iron FG260
Pump shaft	Stainless steel AISI420
Mechanical seal	AQ1EGG (carbon/silicon carbide/EPDM)
Other mechanical seals	On request (depending on the fluid)
Non-cooled stuffing box	Version without additional charges
<b>Electrical connection</b>	
Speed range [rpm]	1750/3500
Speed range (special version at additional charge) [rpm]	Consult factory
<b>Motor/electronics</b>	
NEMA standard motor	•
Protection class	ODP (optional TEFC)
PTC thermistor sensor	•

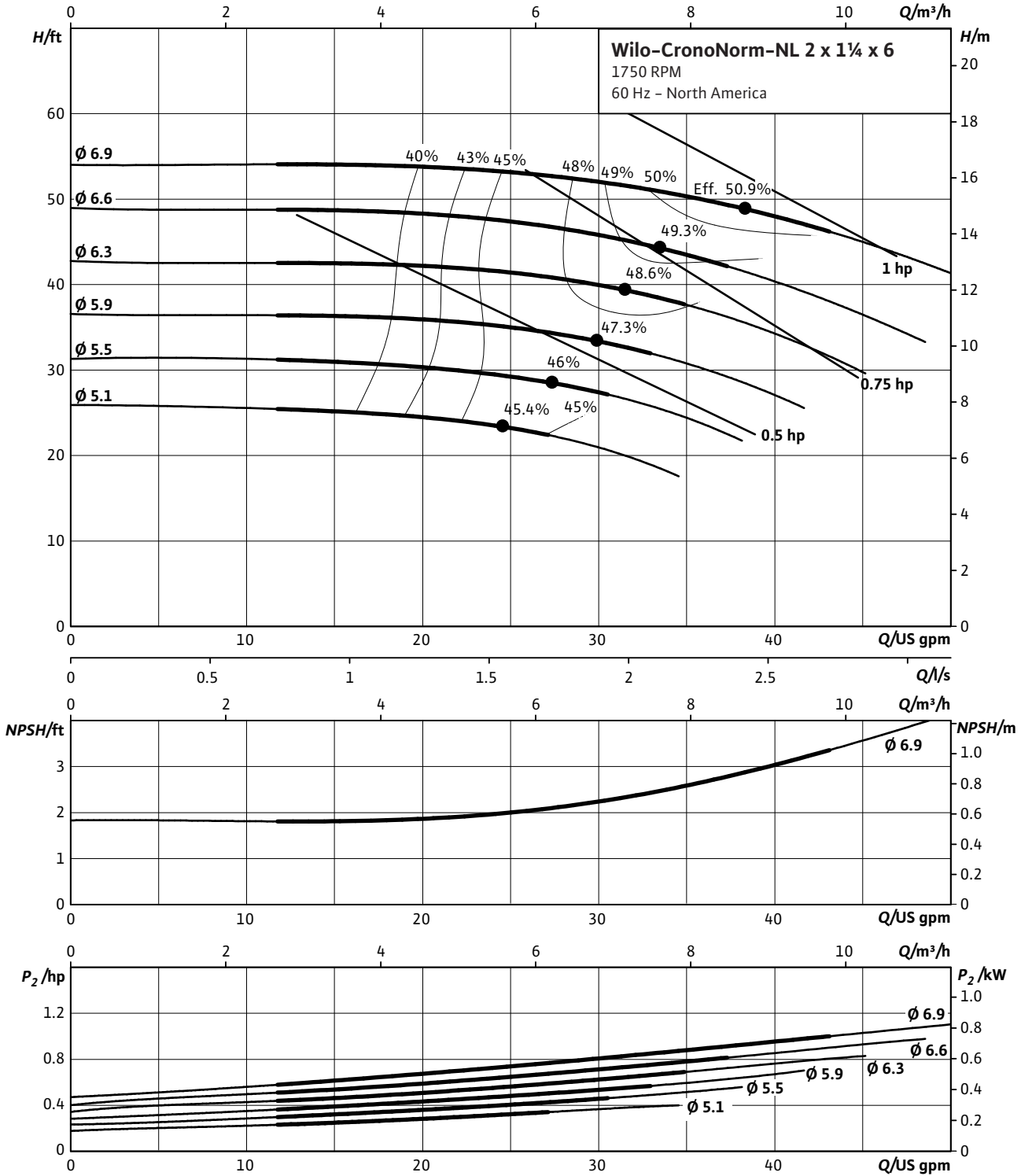
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 6

Speed 1750 rpm



# Norm pumps

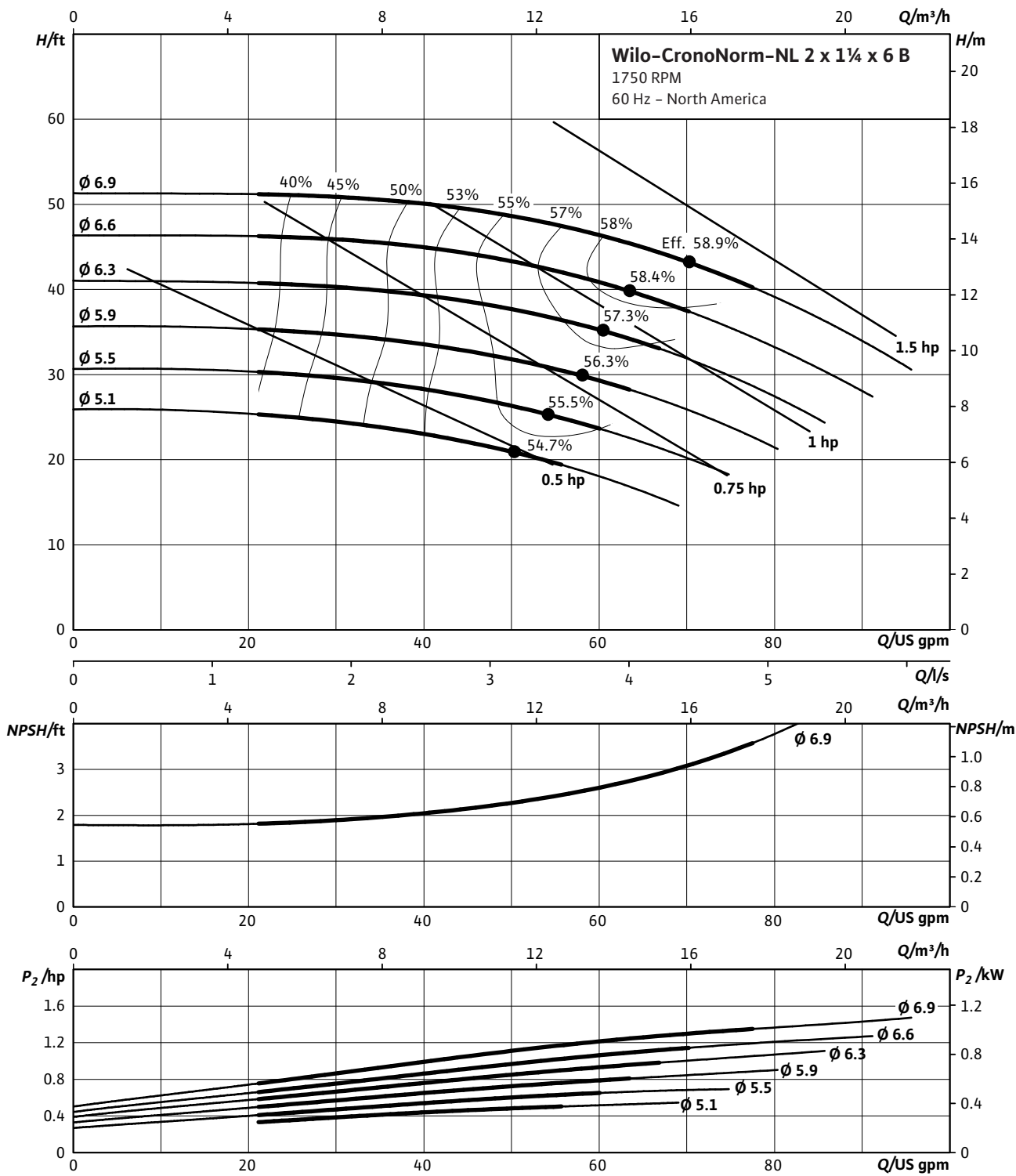
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 6 B

Speed 1750 rpm



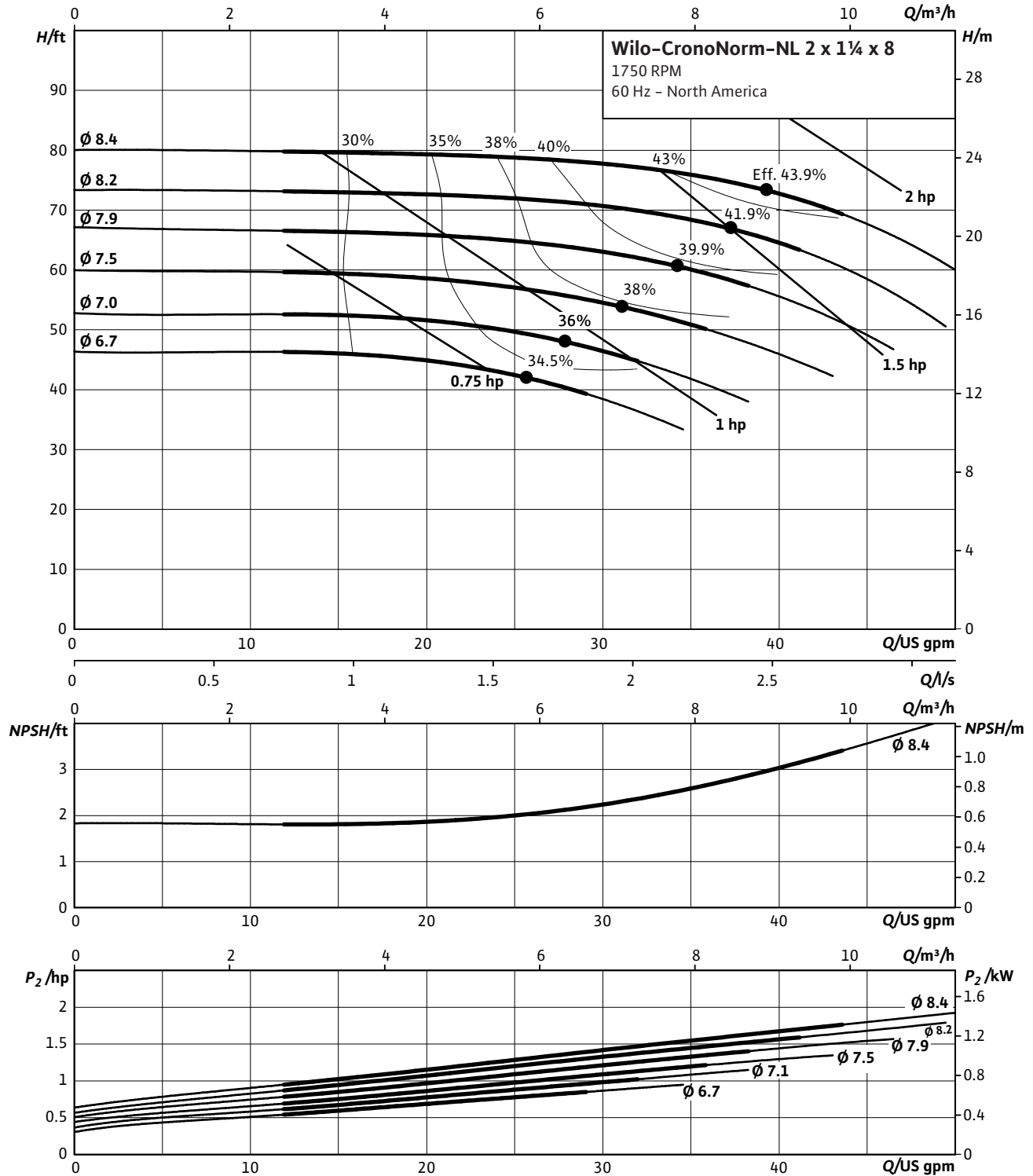
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 8

Speed 1750 rpm



# Norm pumps

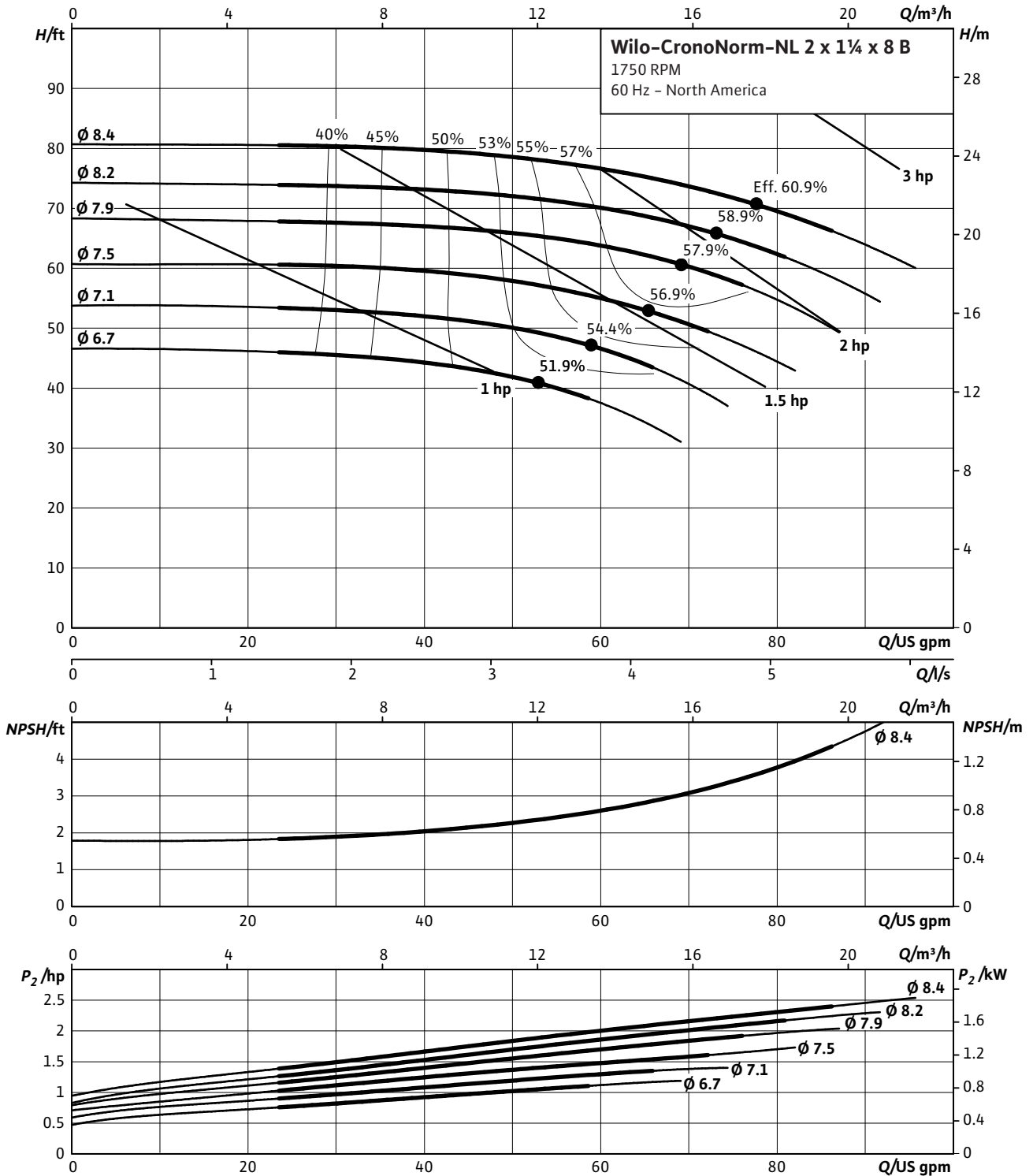
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 8 B

Speed 1750 rpm





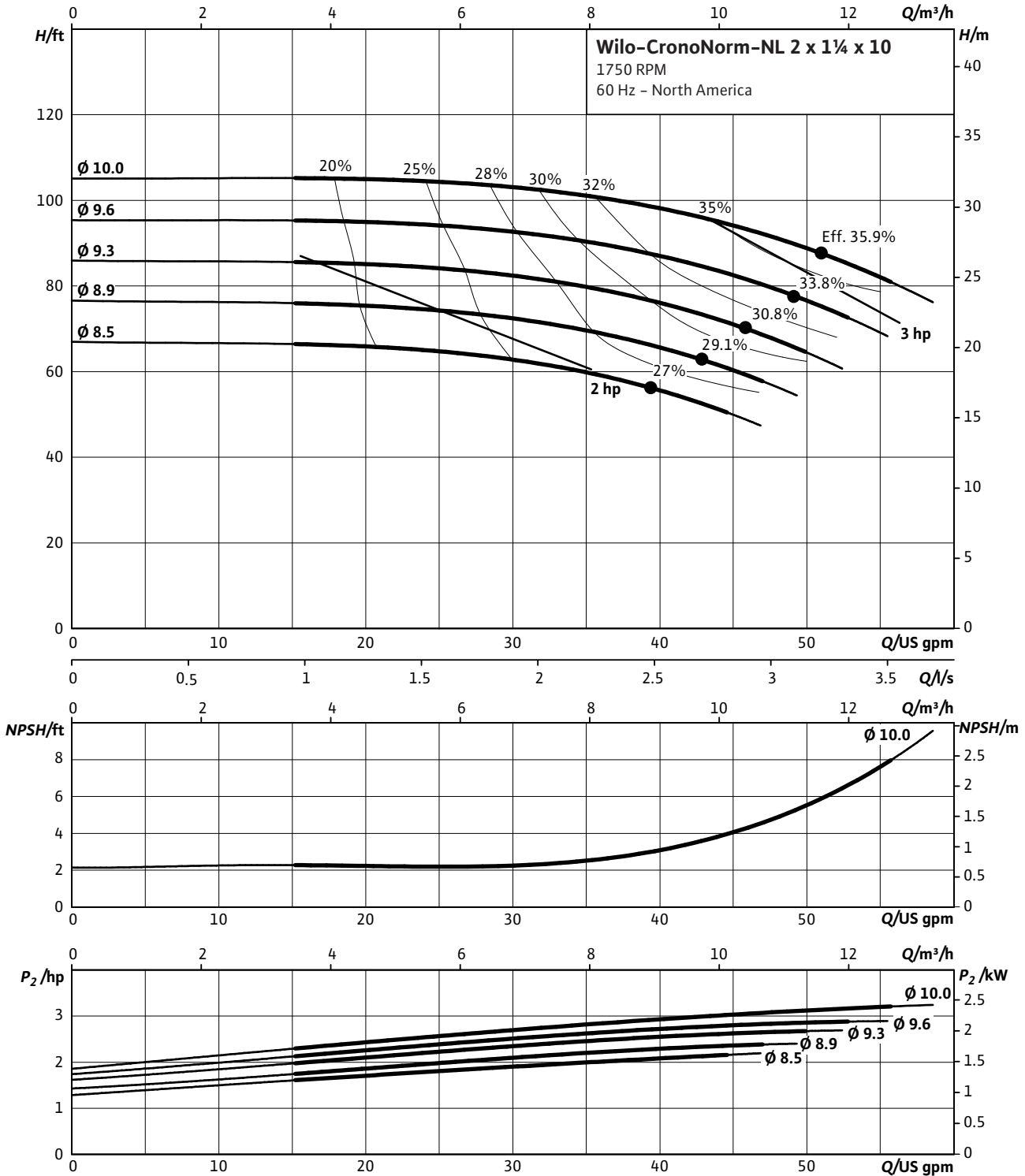
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 10

Speed 1750 rpm



# Norm pumps

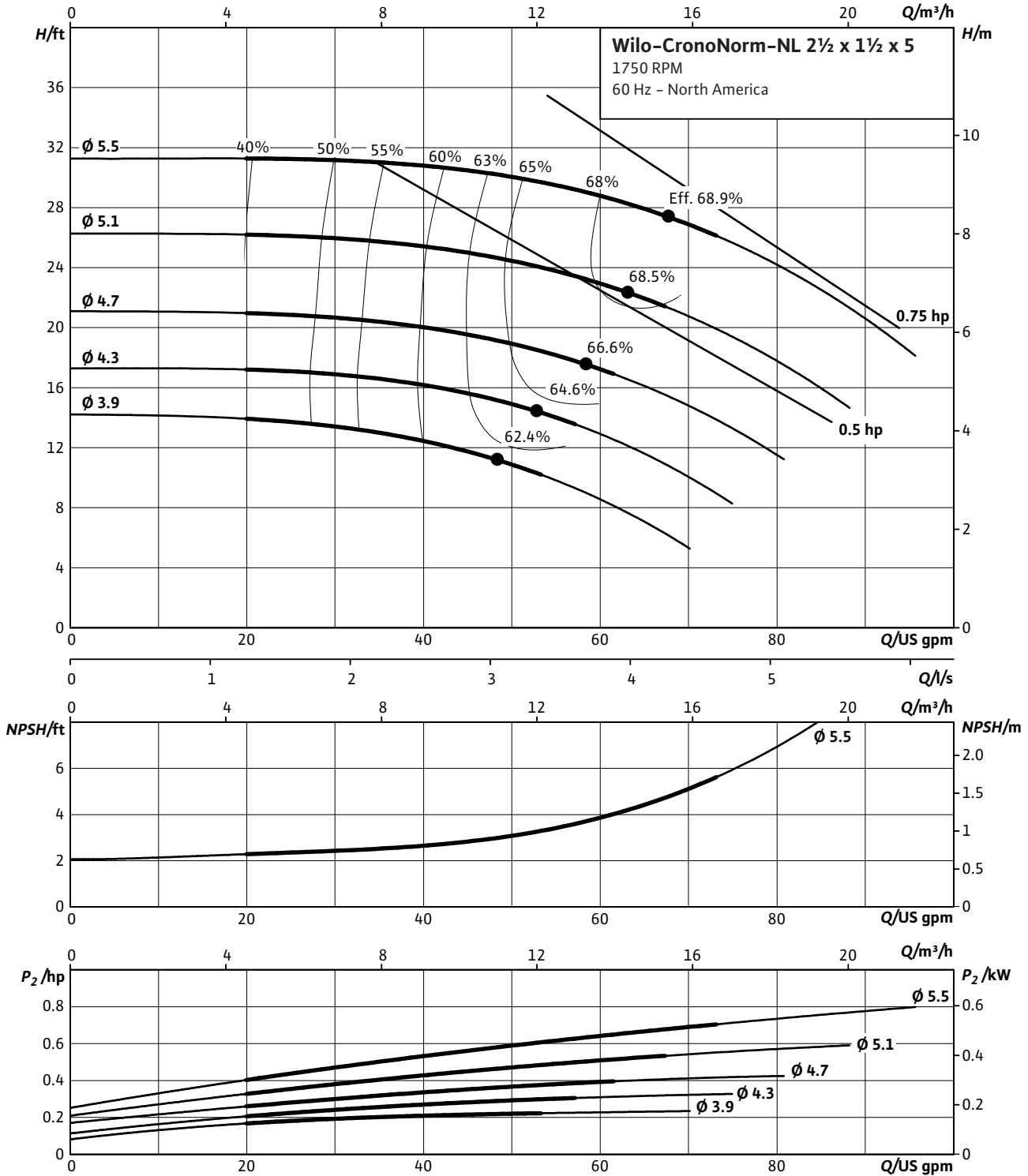
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 5

Speed 1750 rpm



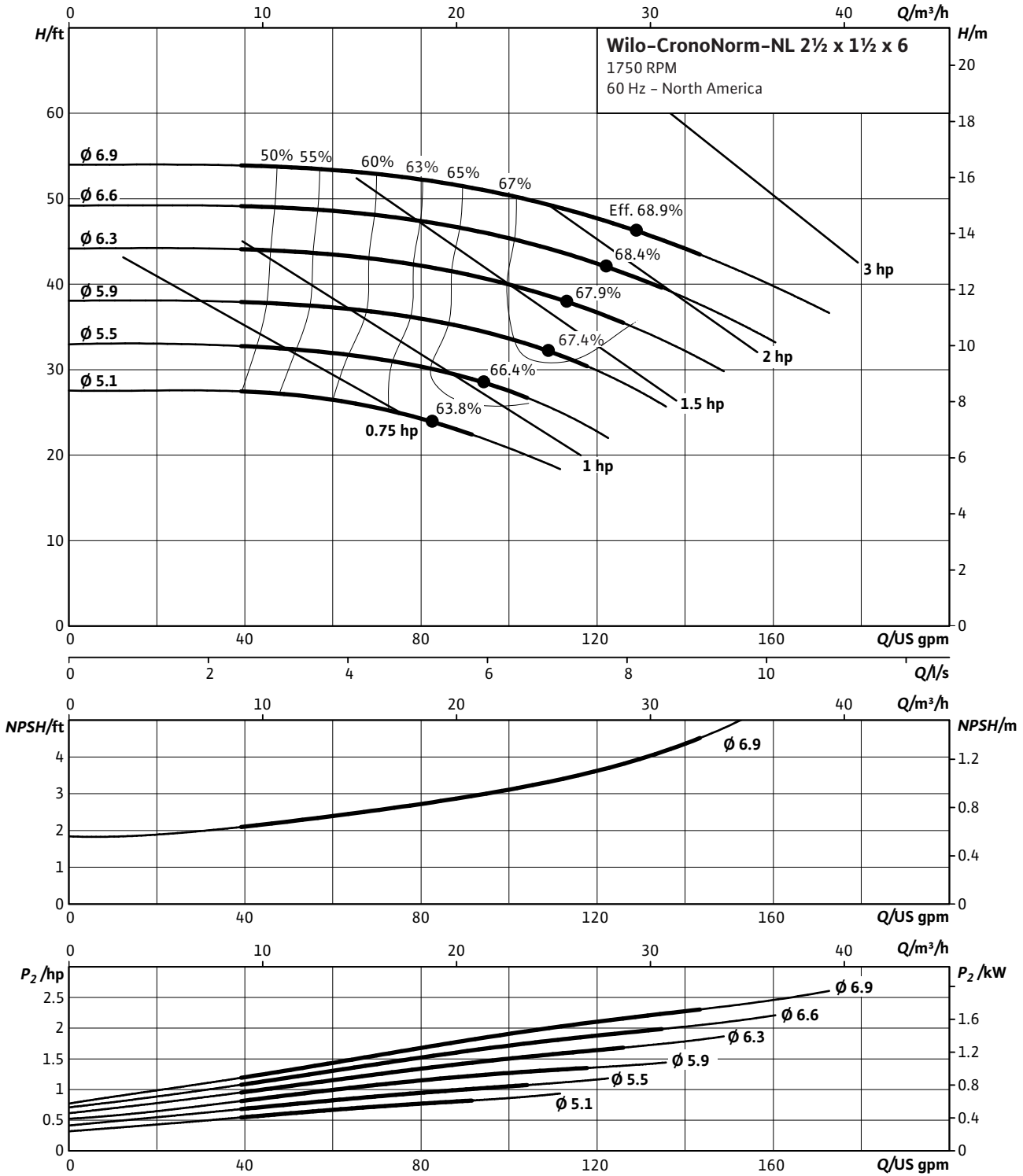
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 6

Speed 1750 rpm



# Norm pumps

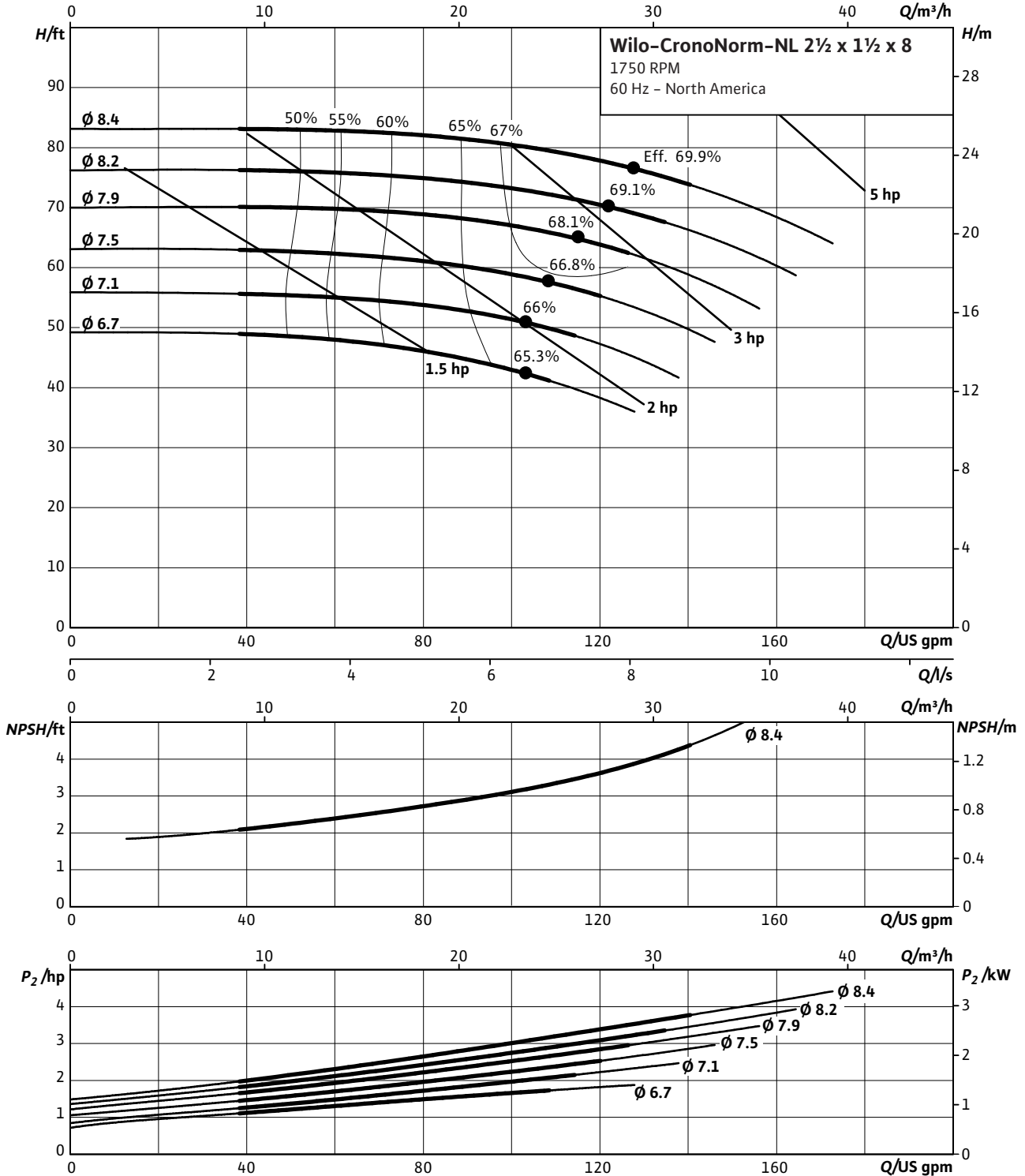
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 8

Speed 1750 rpm



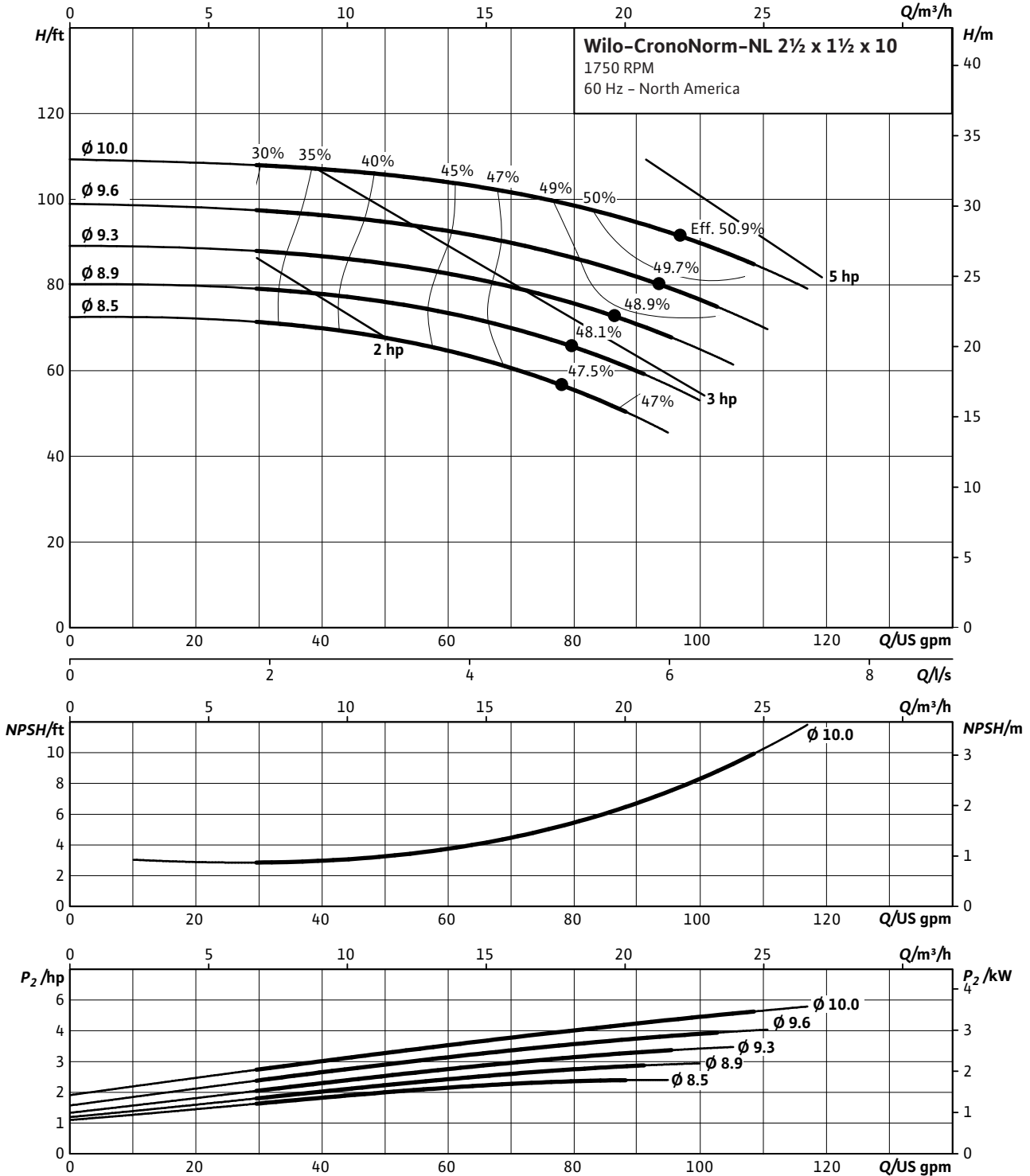
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 10

Speed 1750 rpm



# Norm pumps

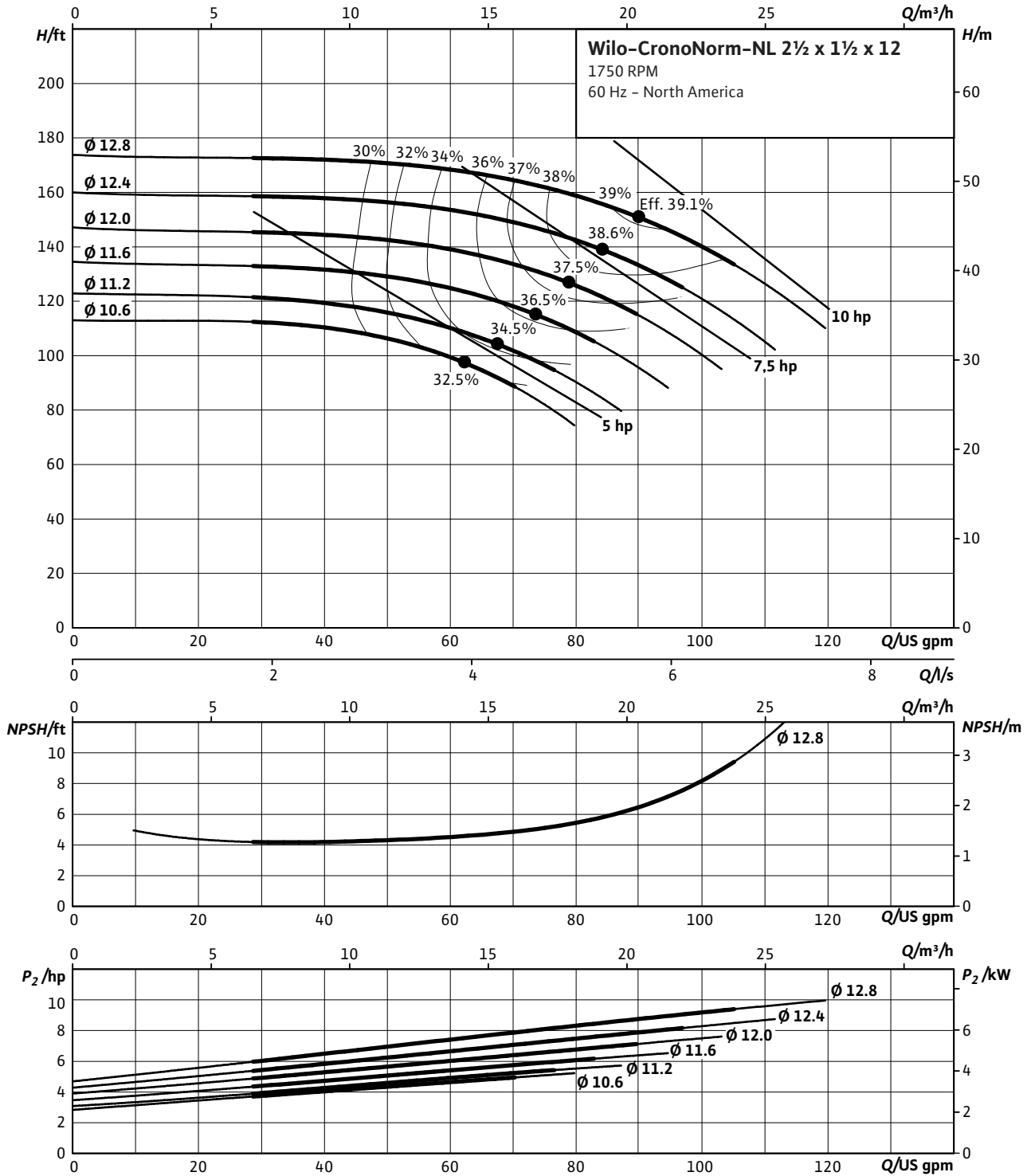
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 12

Speed 1750 rpm



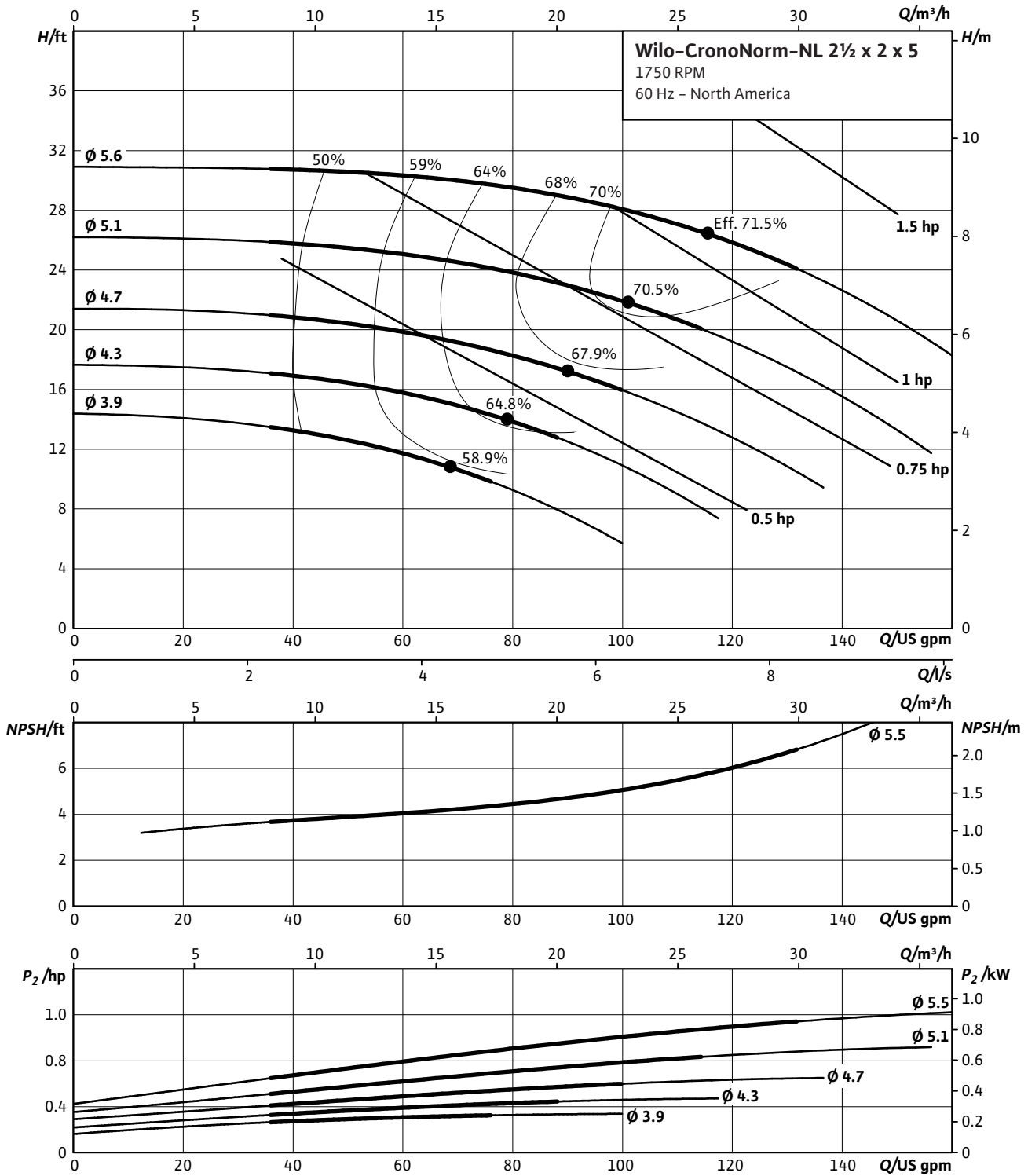
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 5

Speed 1750 rpm



# Norm pumps

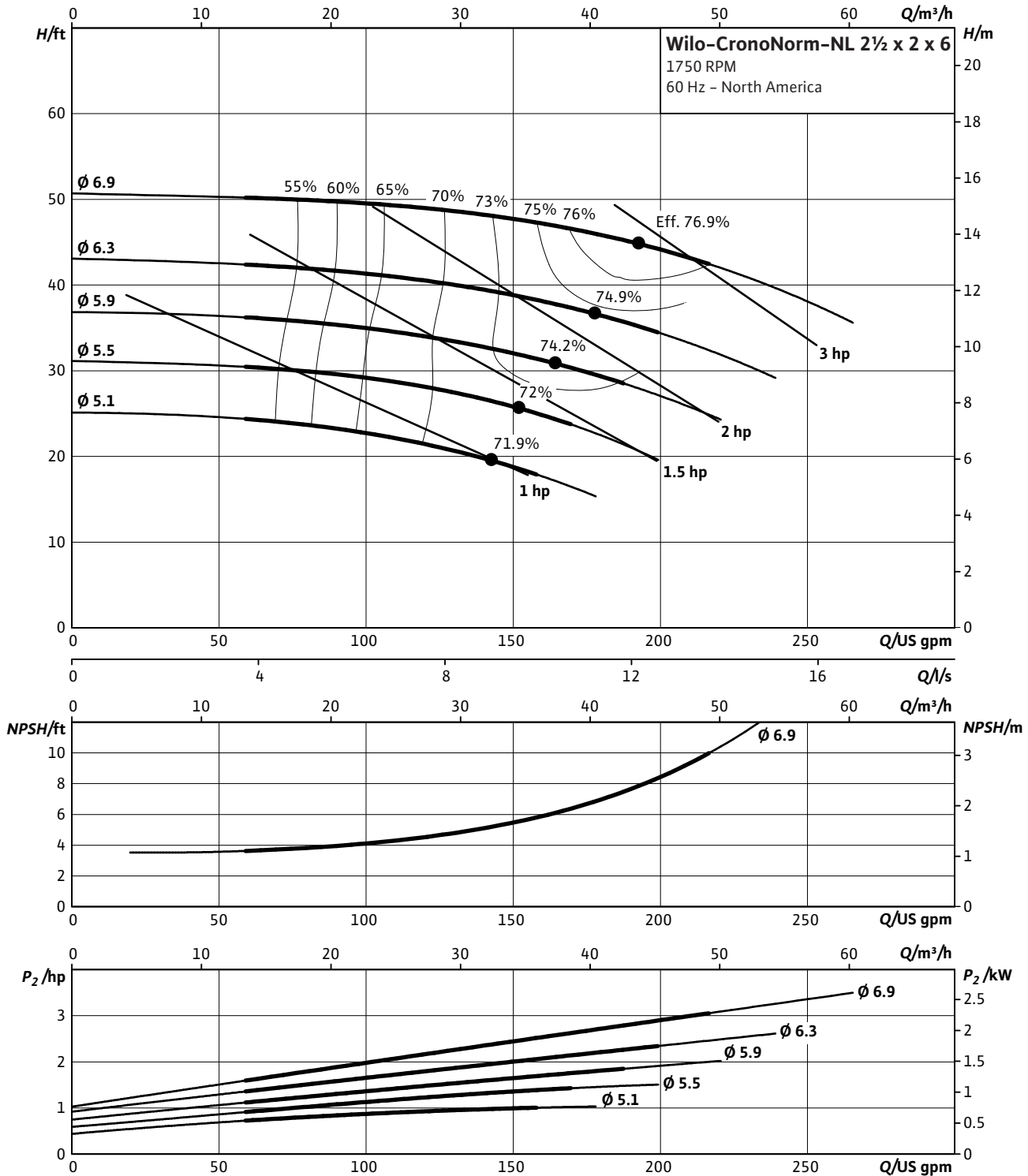
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 6

Speed 1750 rpm





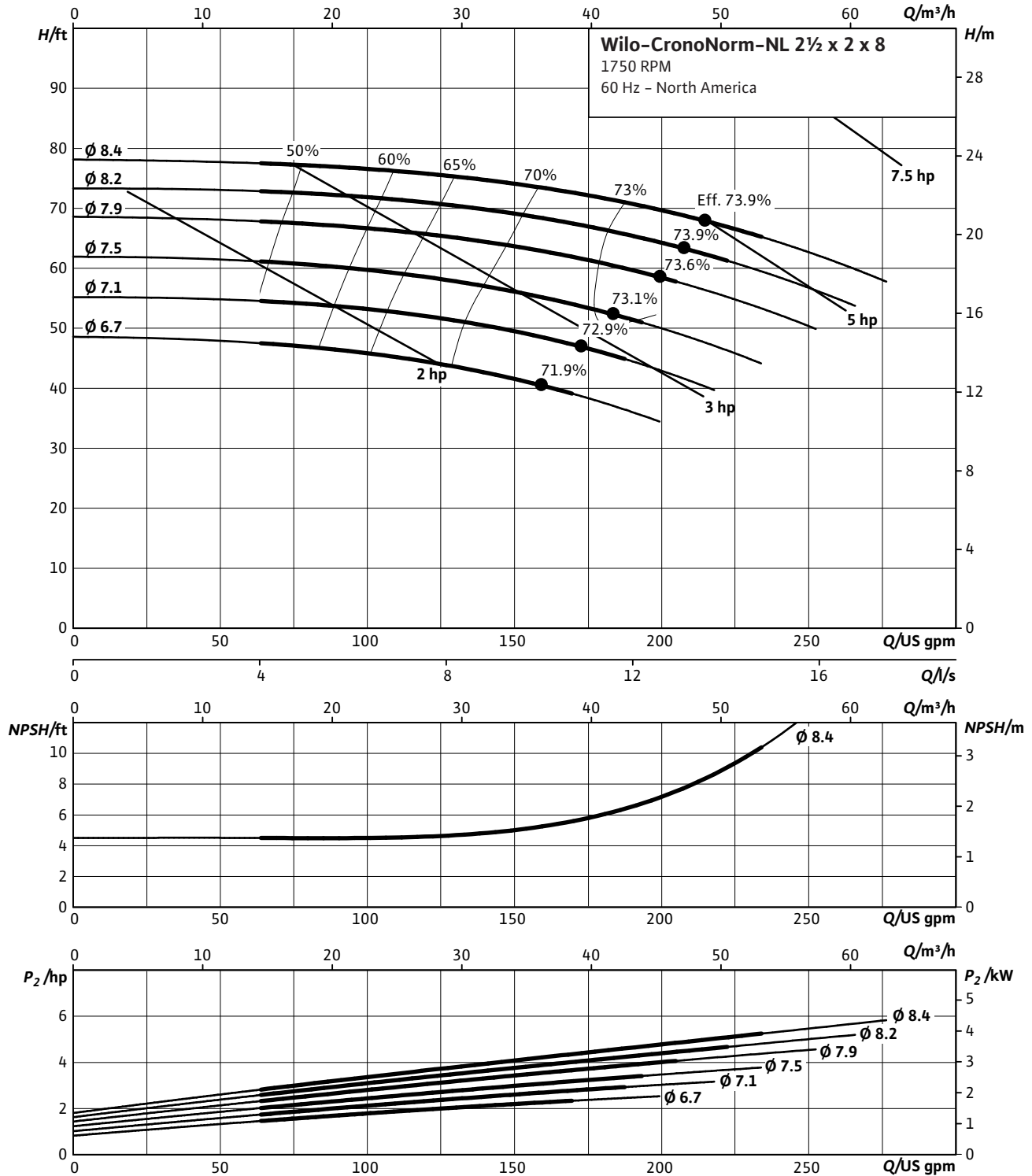
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 8

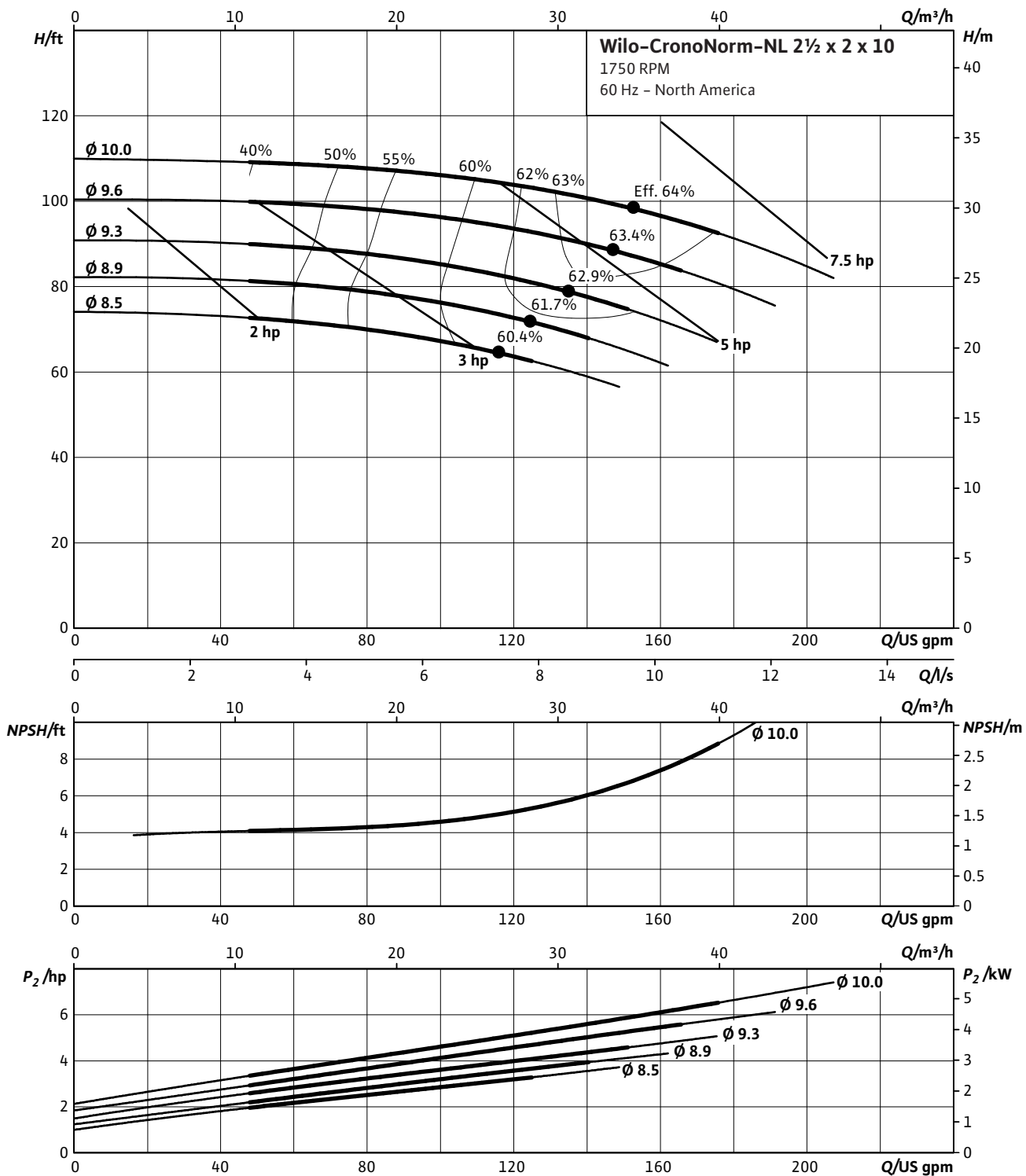
Speed 1750 rpm



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 10

Speed 1750 rpm



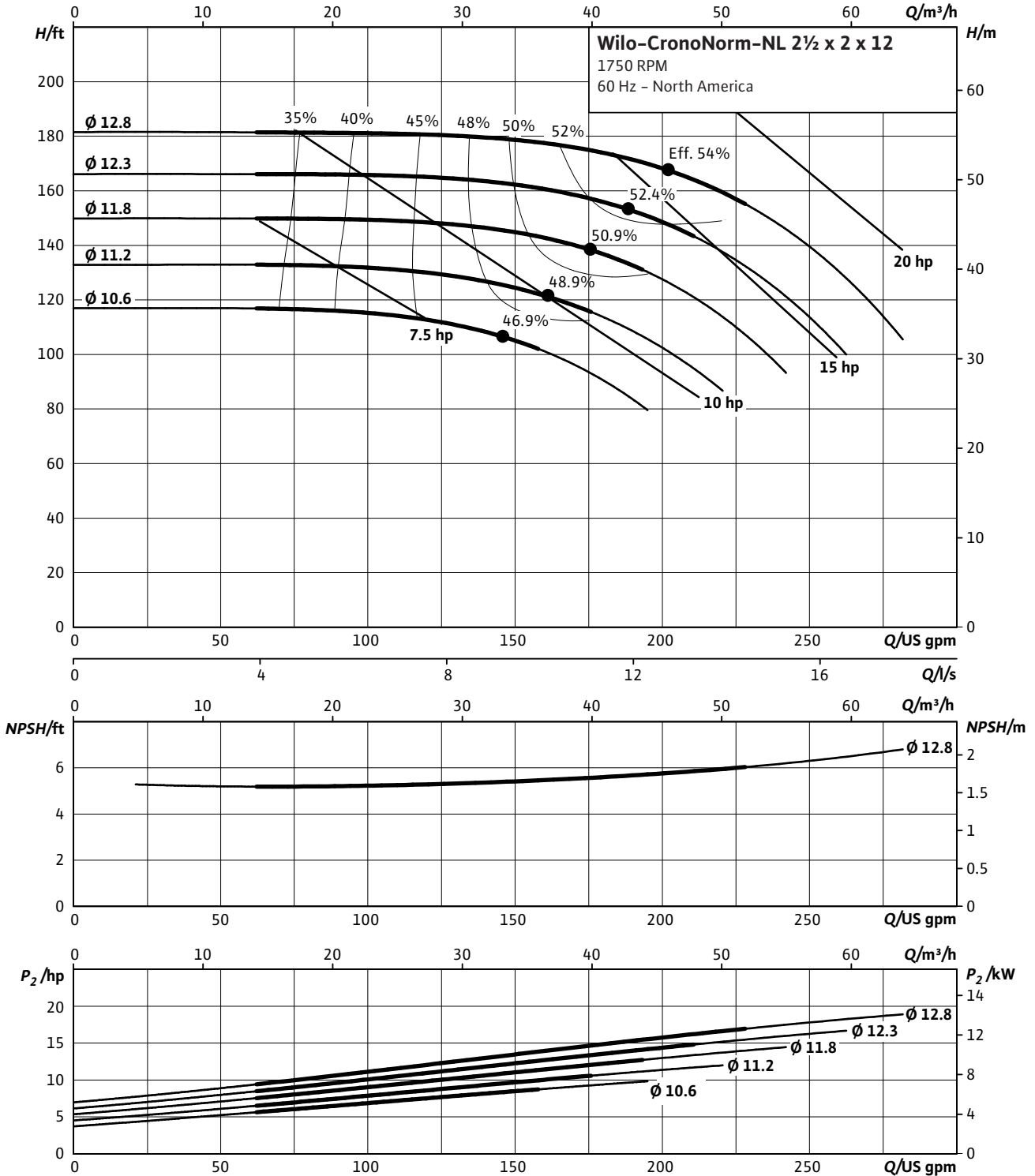
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 12

Speed 1750 rpm



# Norm pumps

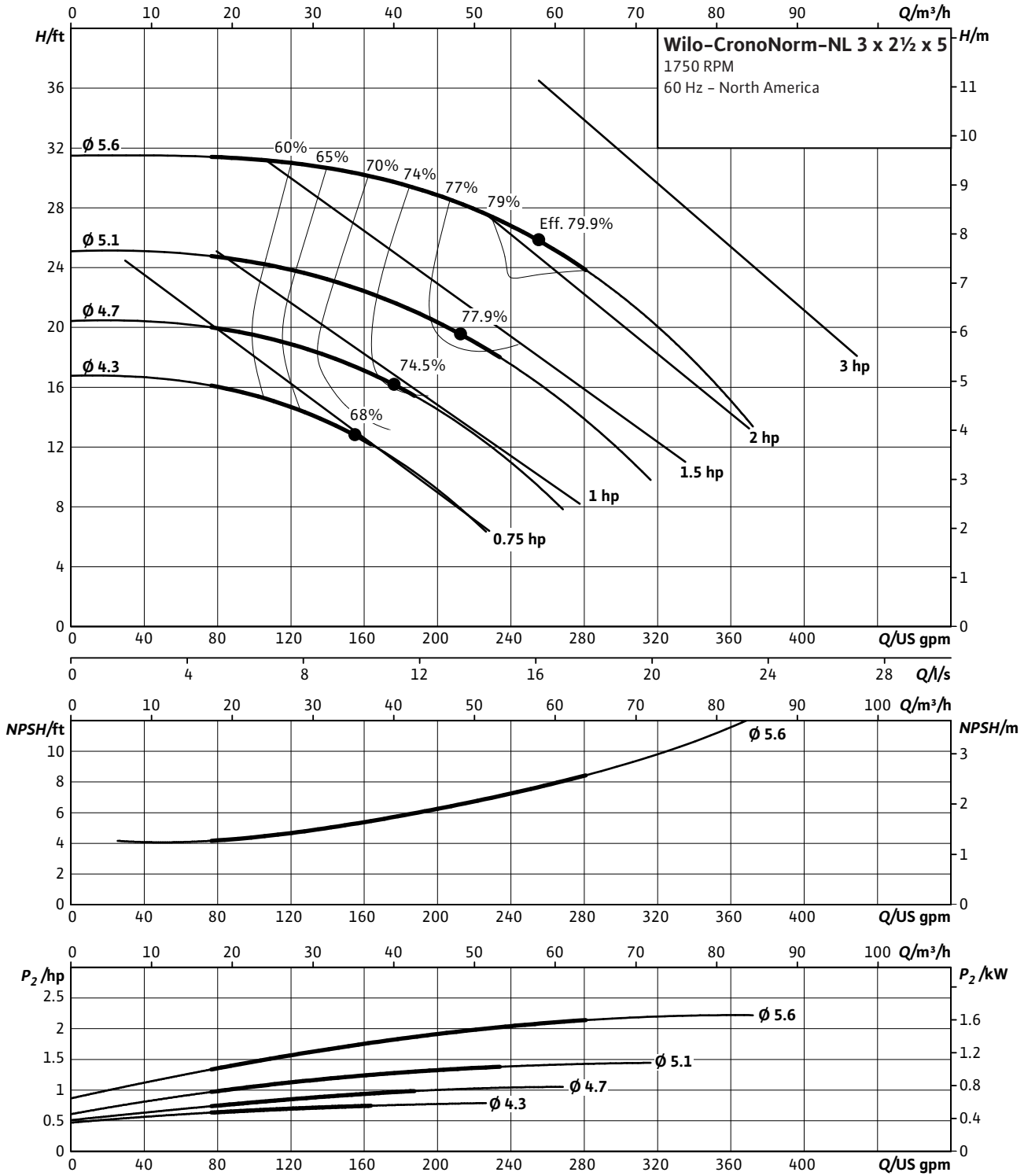
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 5

Speed 1750 rpm



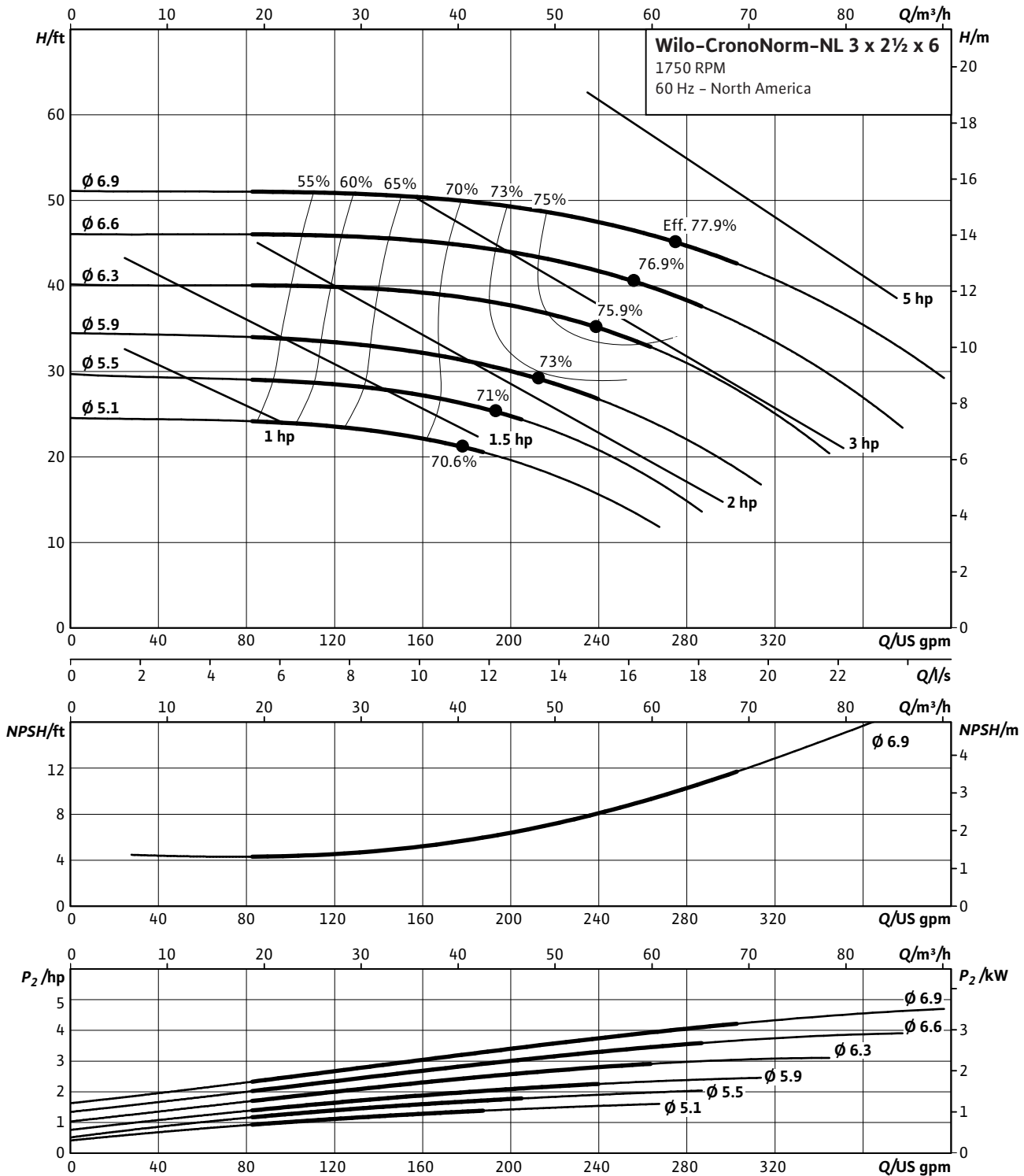
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 6

Speed 1750 rpm



# Norm pumps

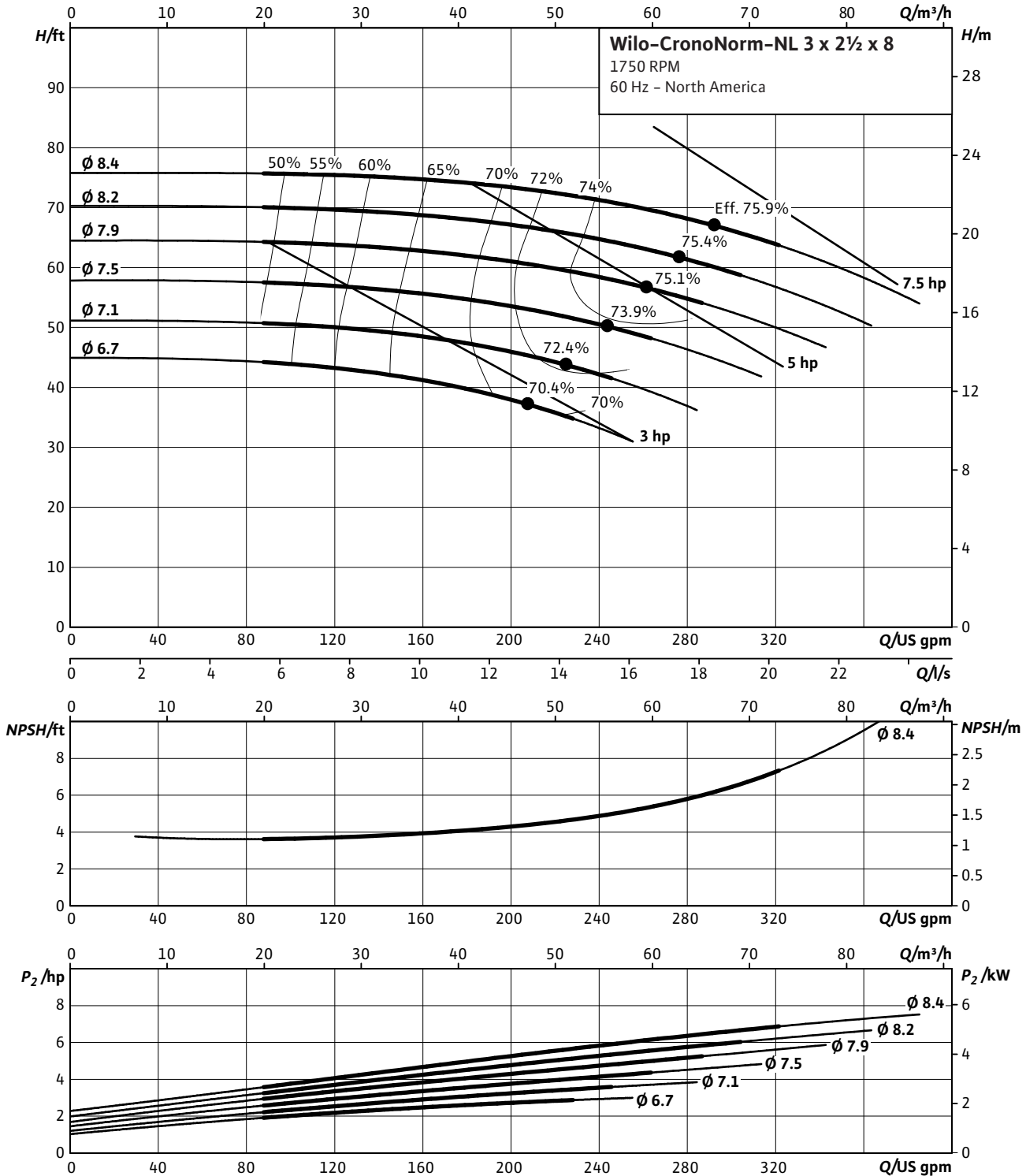
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 8

Speed 1750 rpm



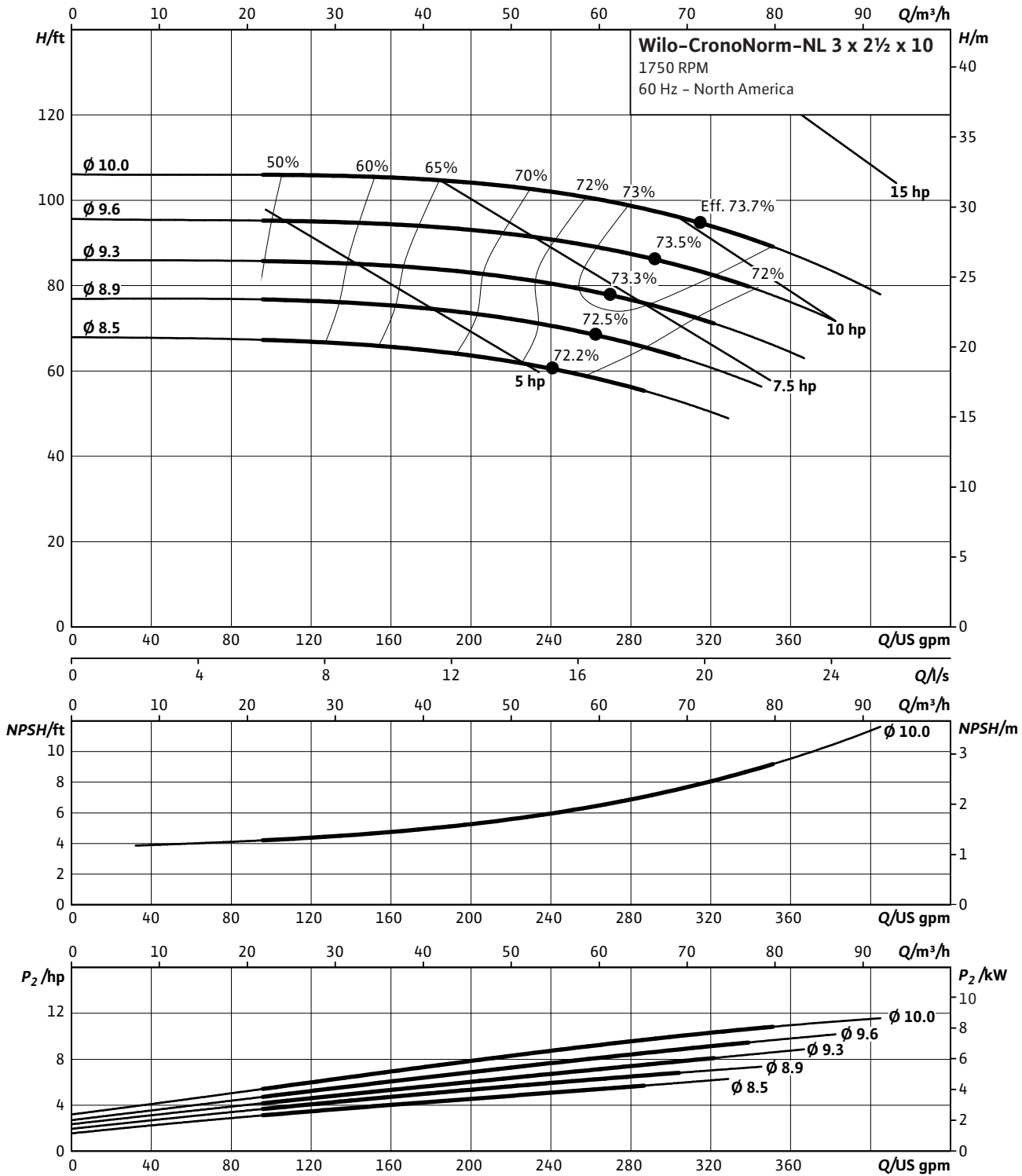
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 10

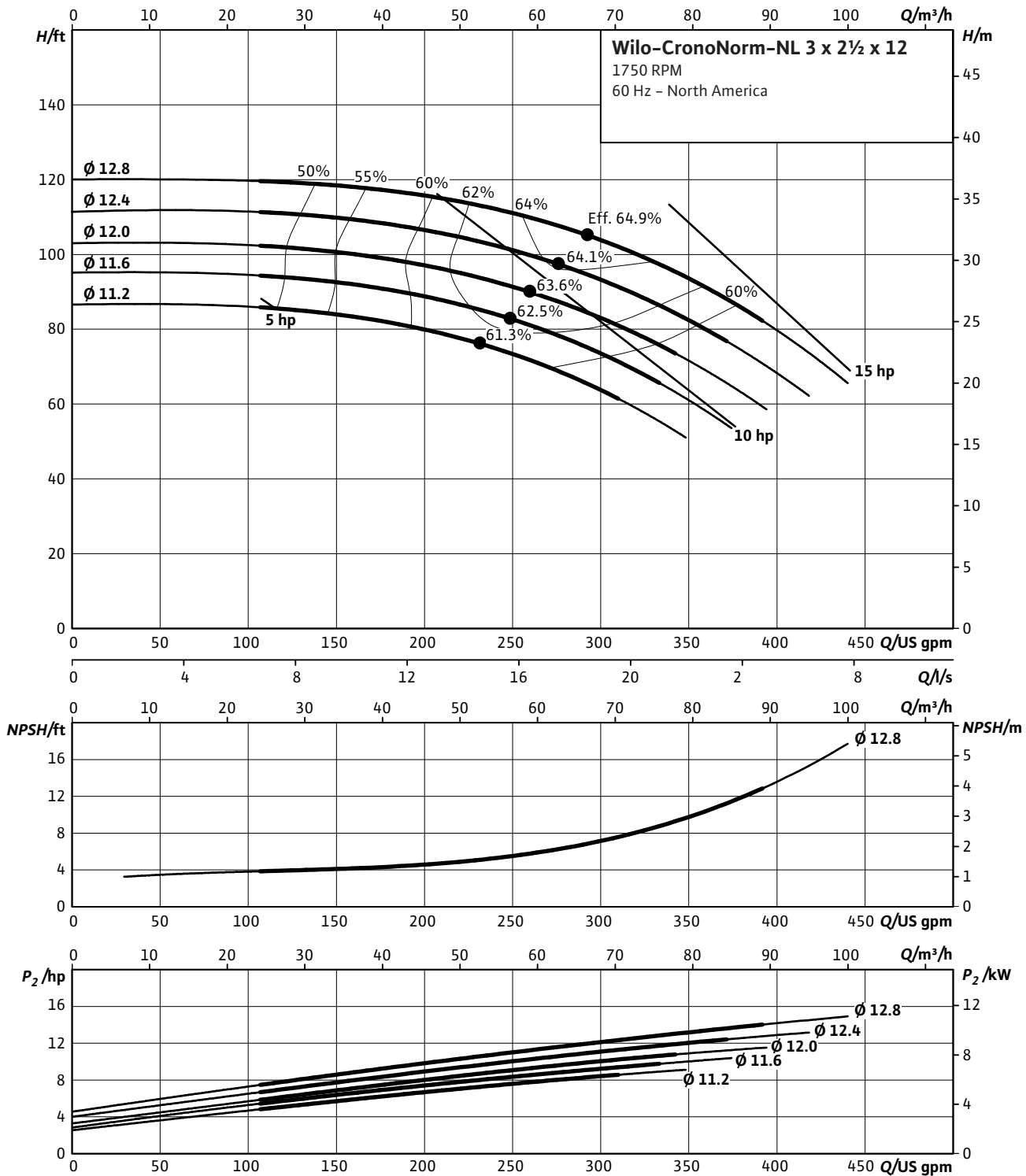
Speed 1750 rpm



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 12

Speed 1750 rpm





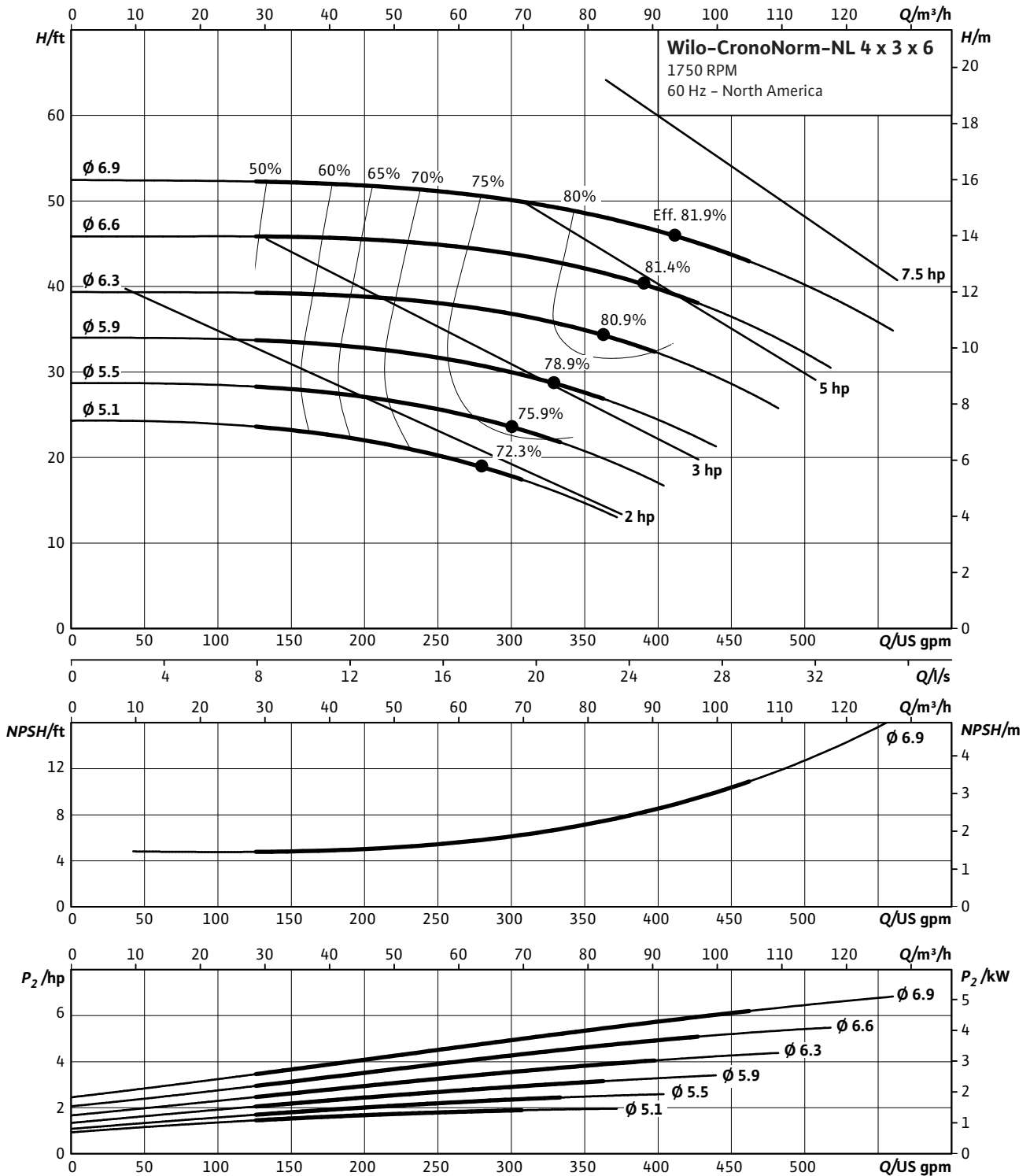
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 6

Speed 1750 rpm



# Norm pumps

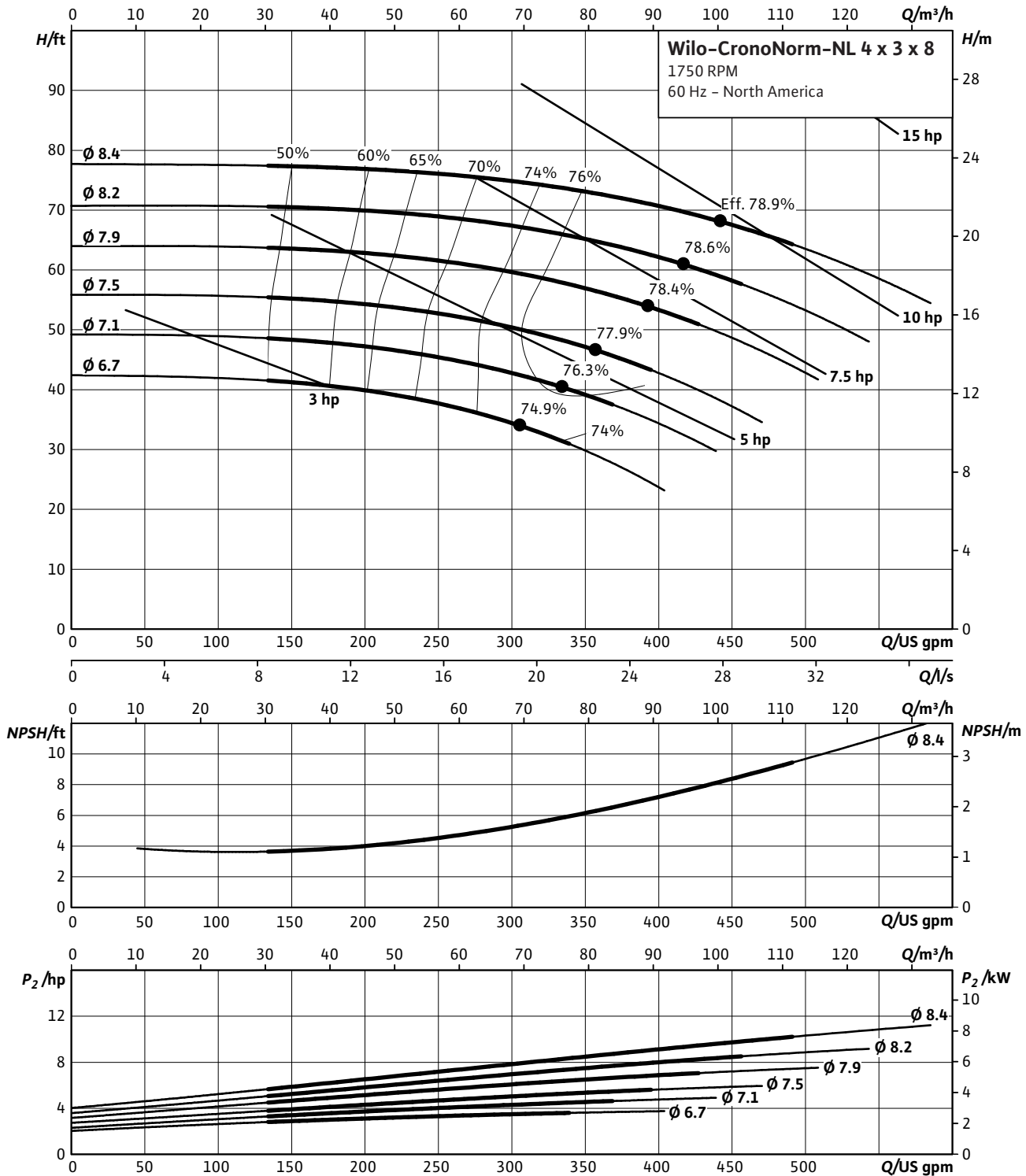
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 8

Speed 1750 rpm



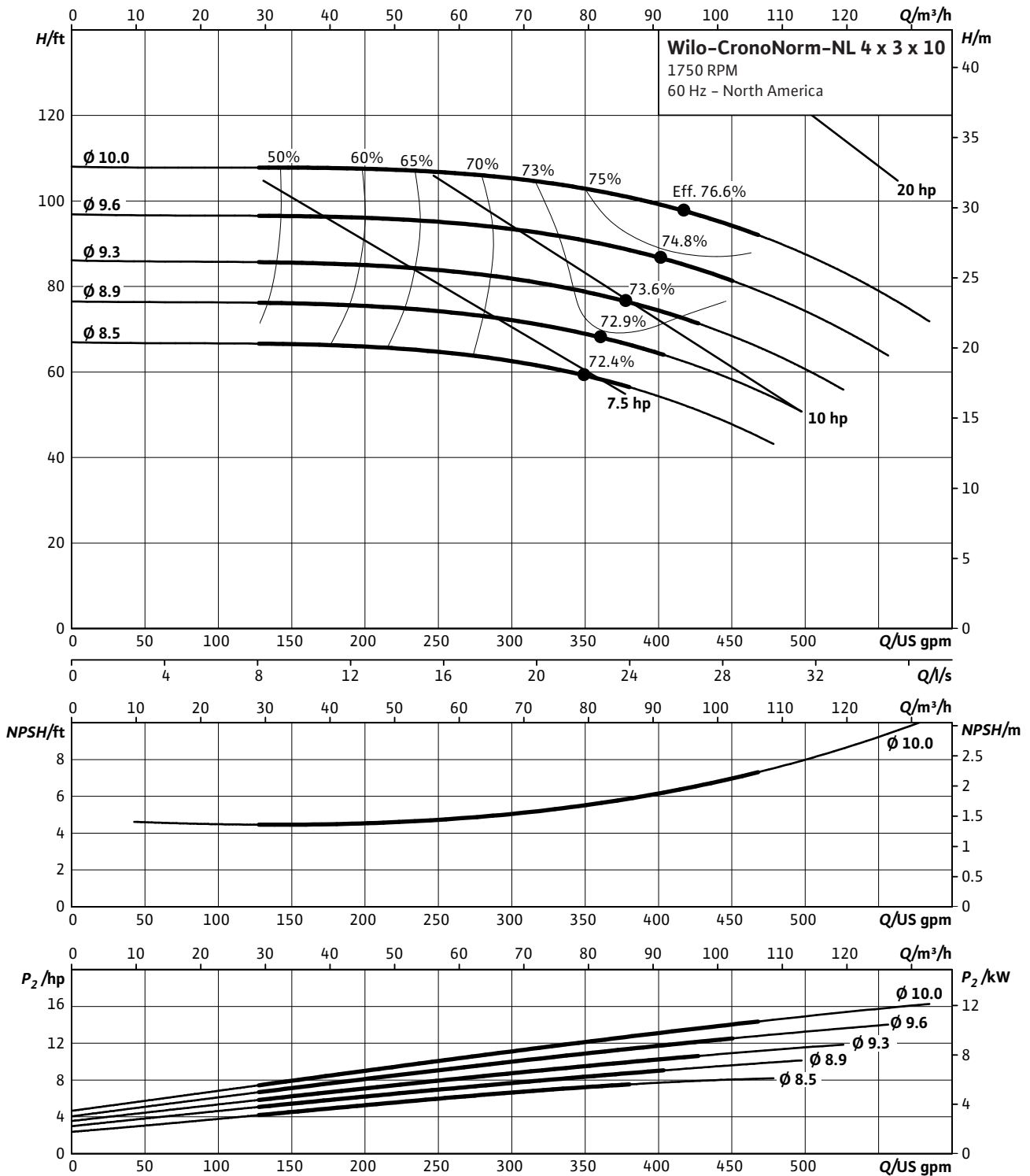
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 10

Speed 1750 rpm



# Norm pumps

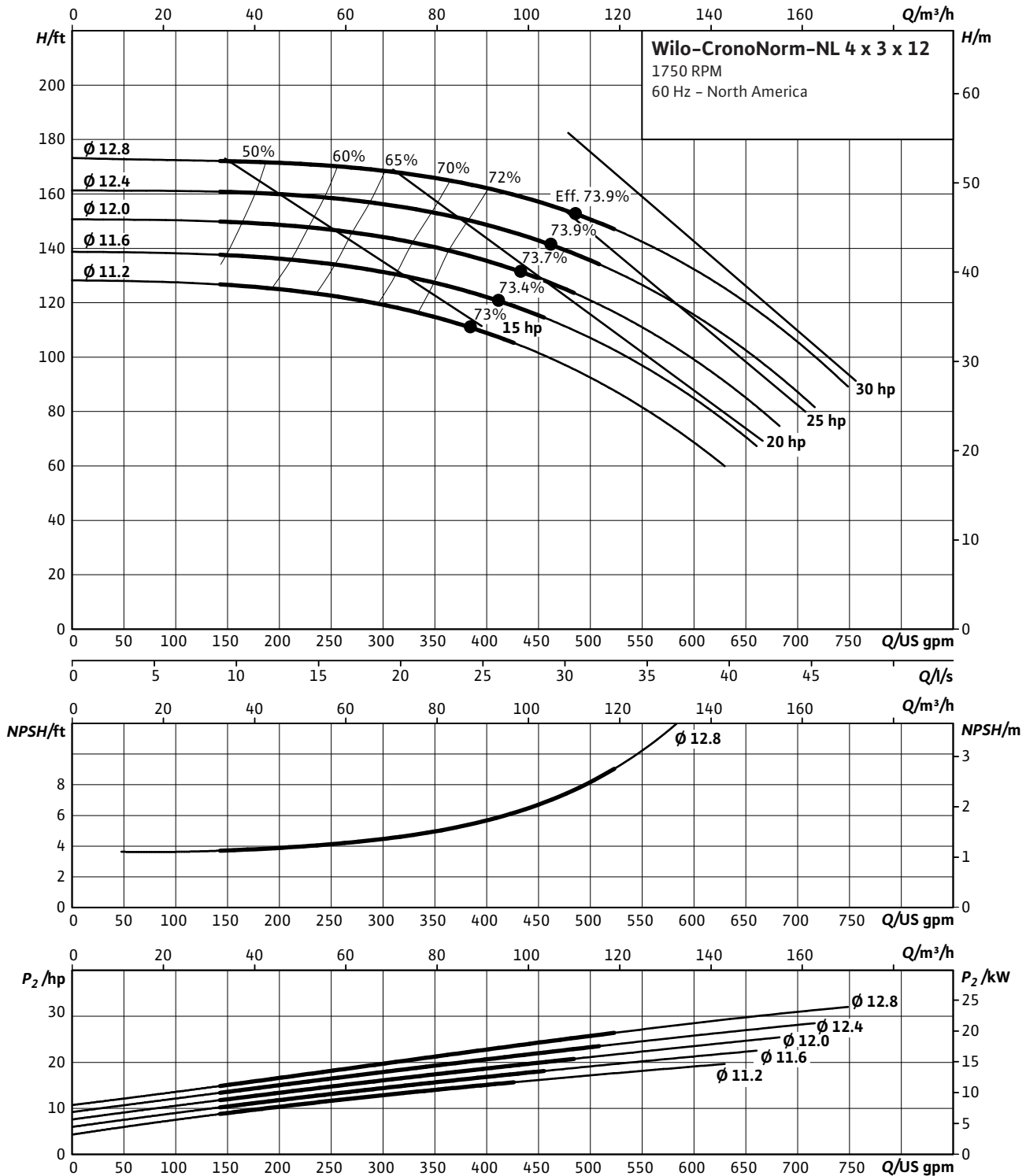
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 12

Speed 1750 rpm



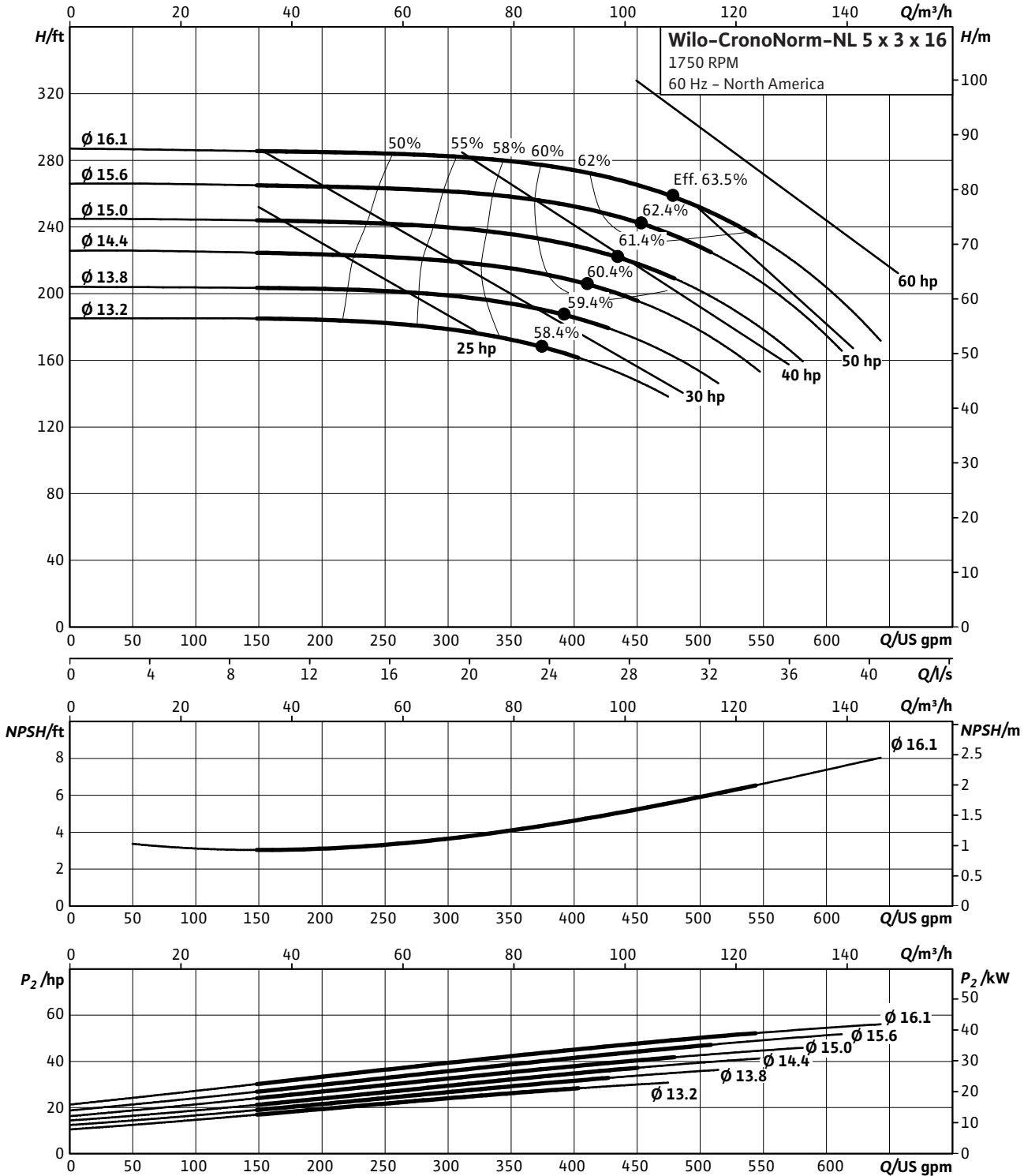
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 3 x 16

Speed 1750 rpm



# Norm pumps

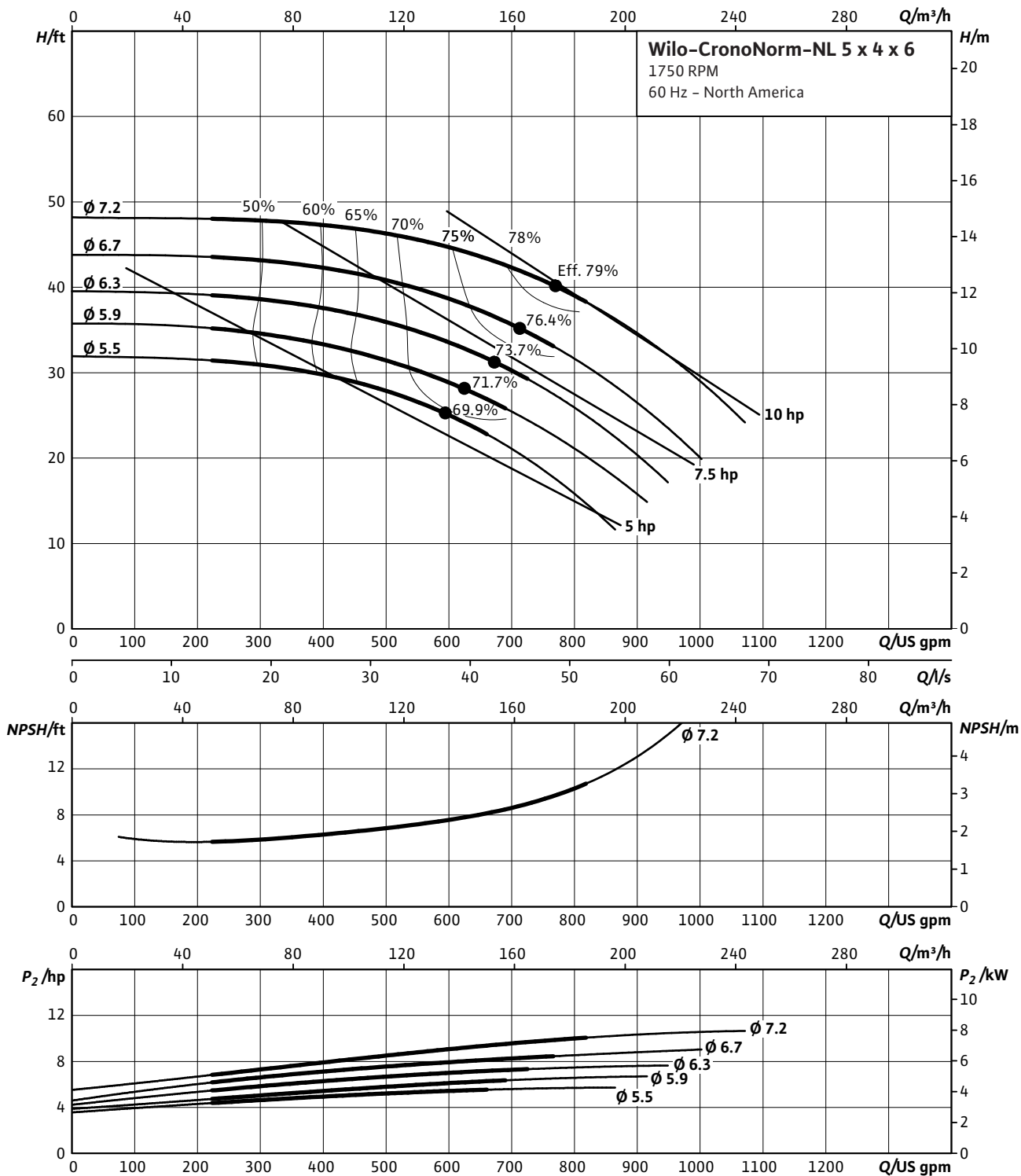
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 6

Speed 1750 rpm



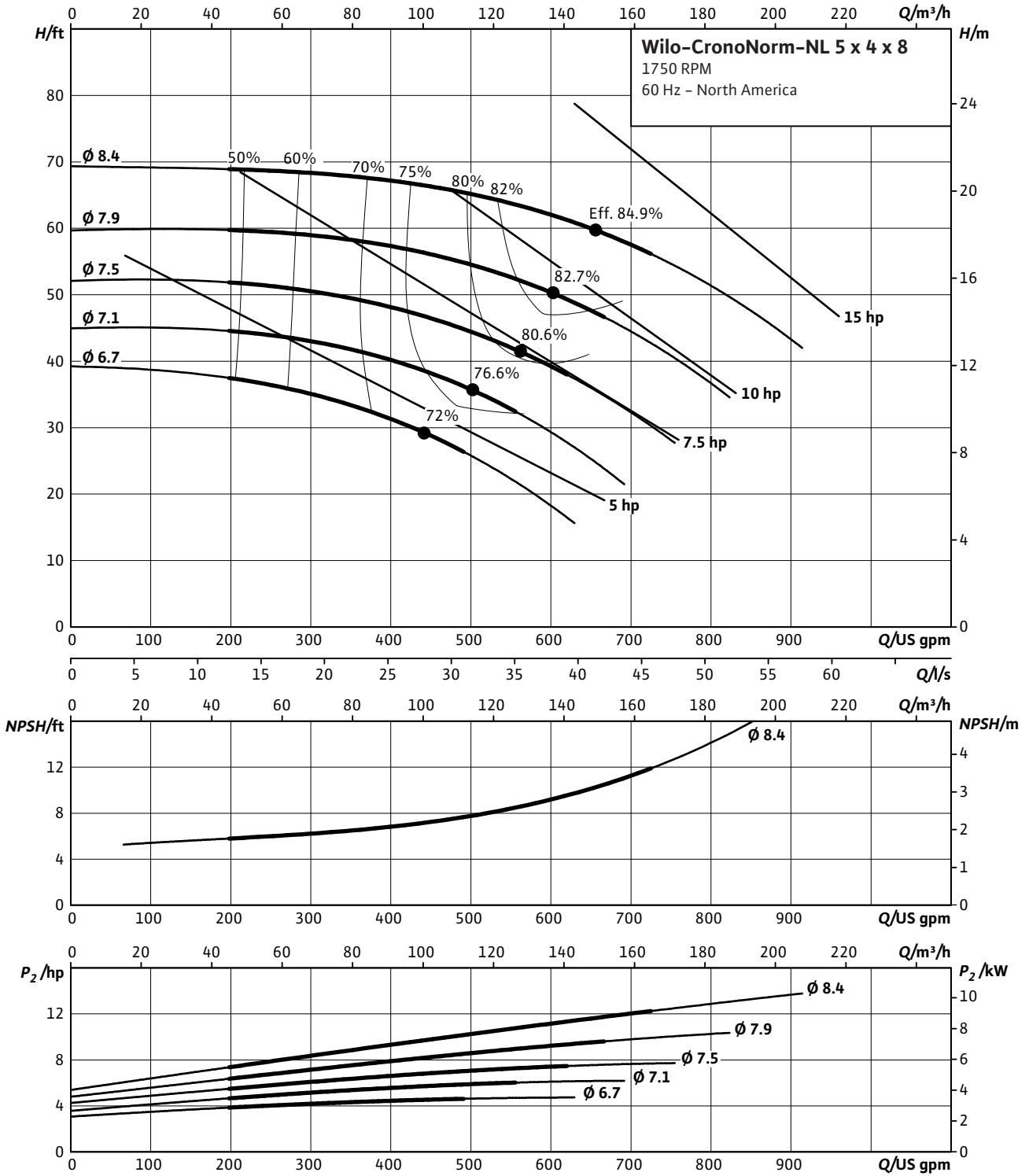
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 8

Speed 1750 rpm



# Norm pumps

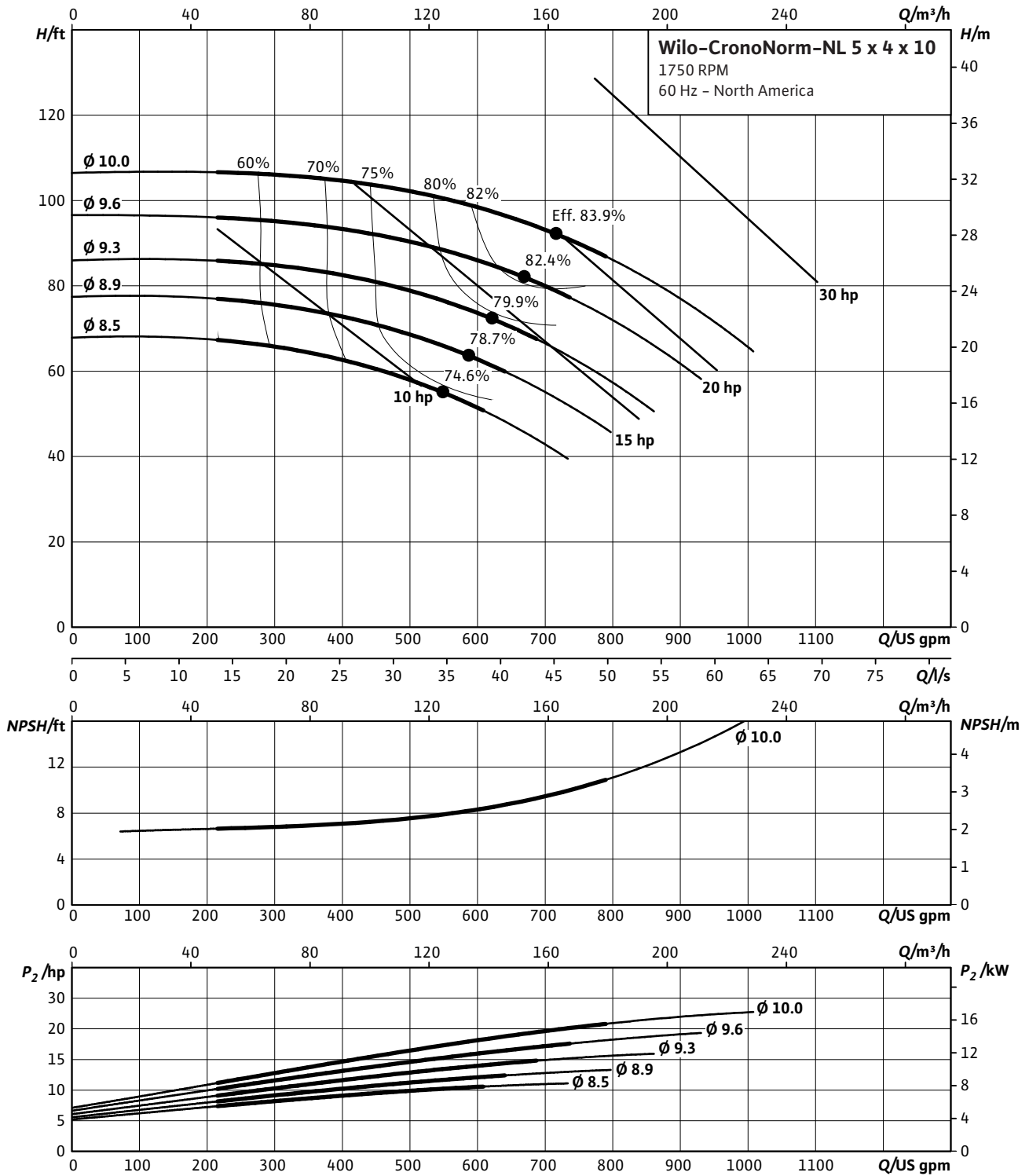
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 10

Speed 1750 rpm





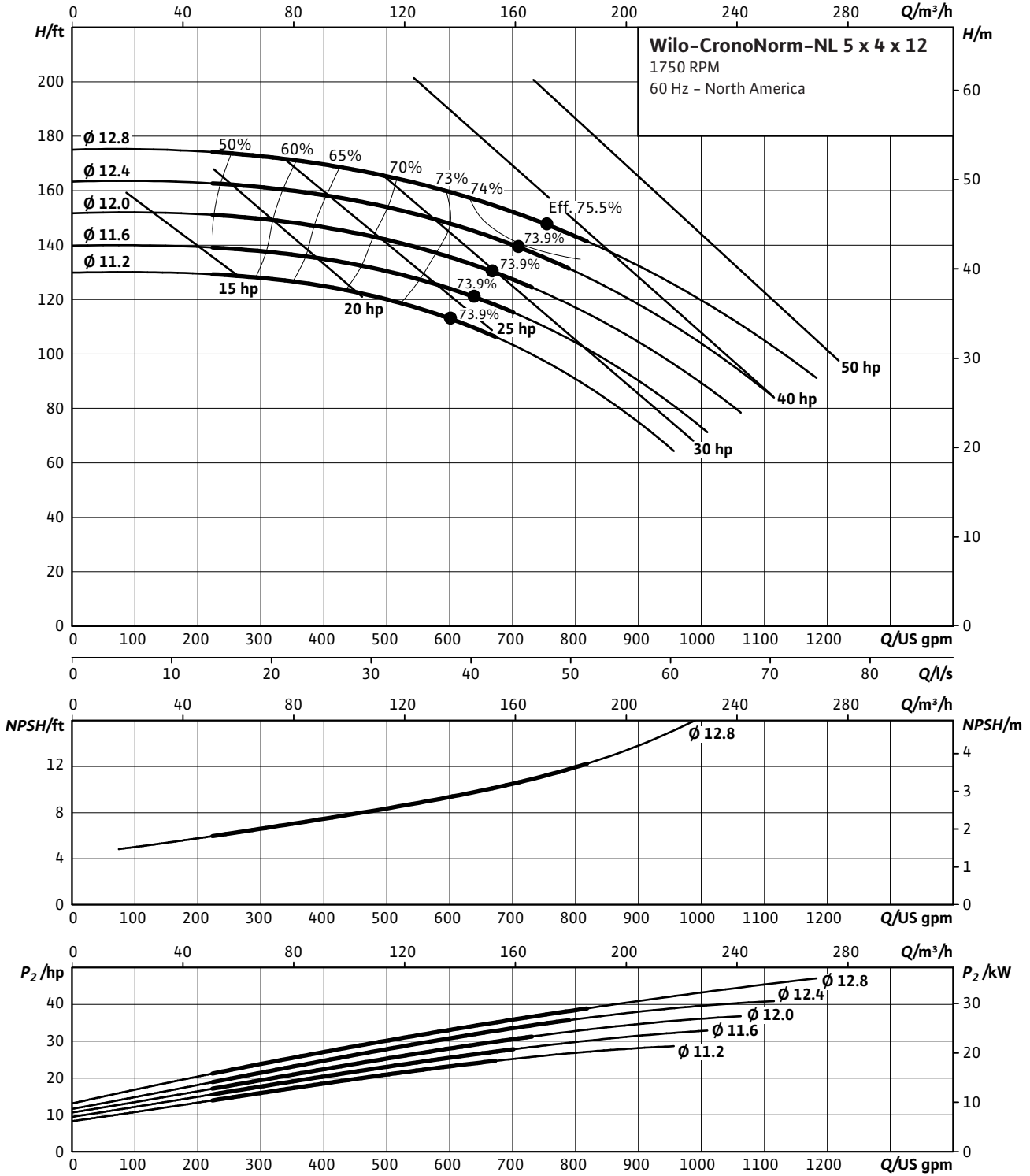
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 12

Speed 1750 rpm



# Norm pumps

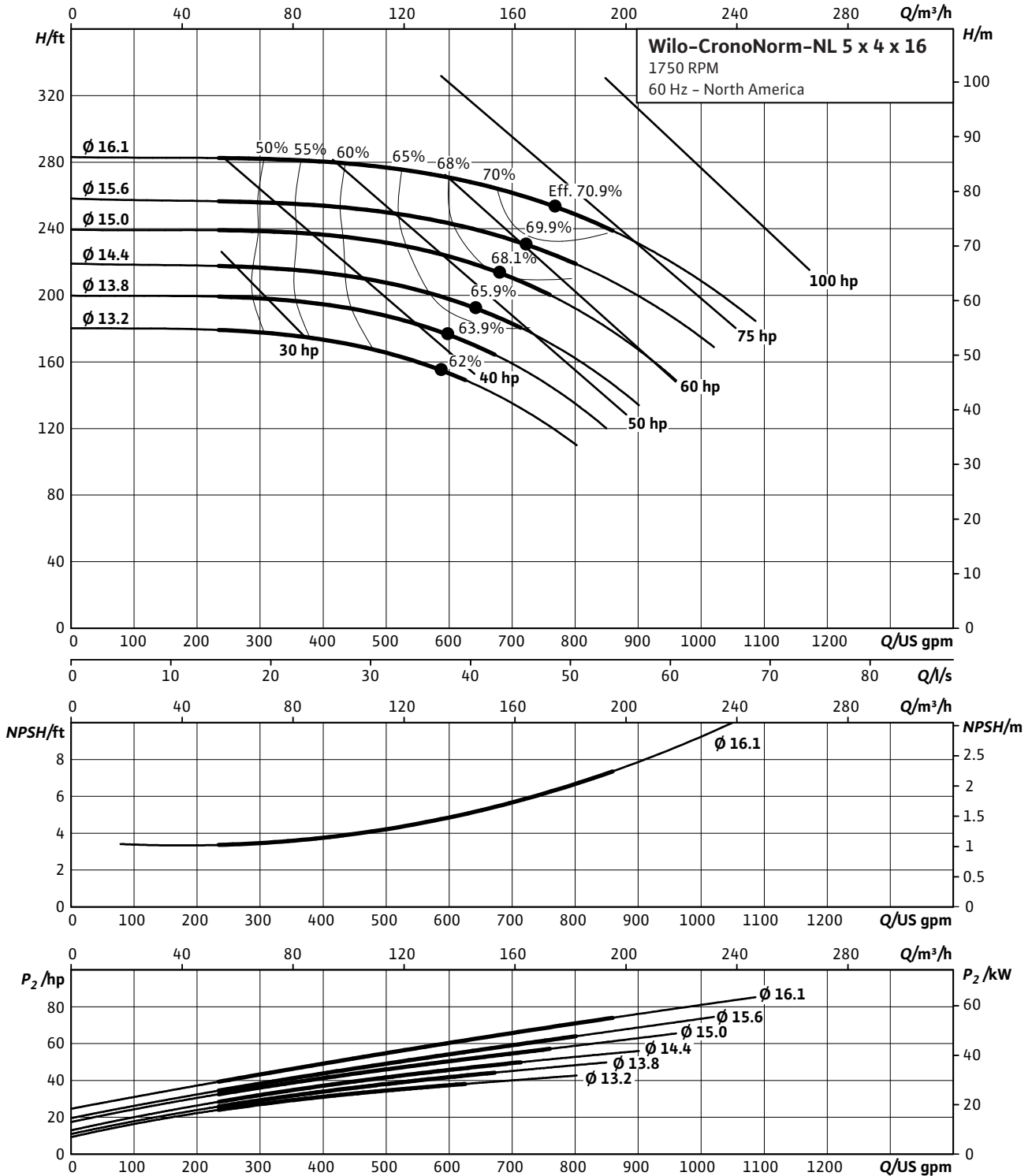
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 16

Speed 1750 rpm



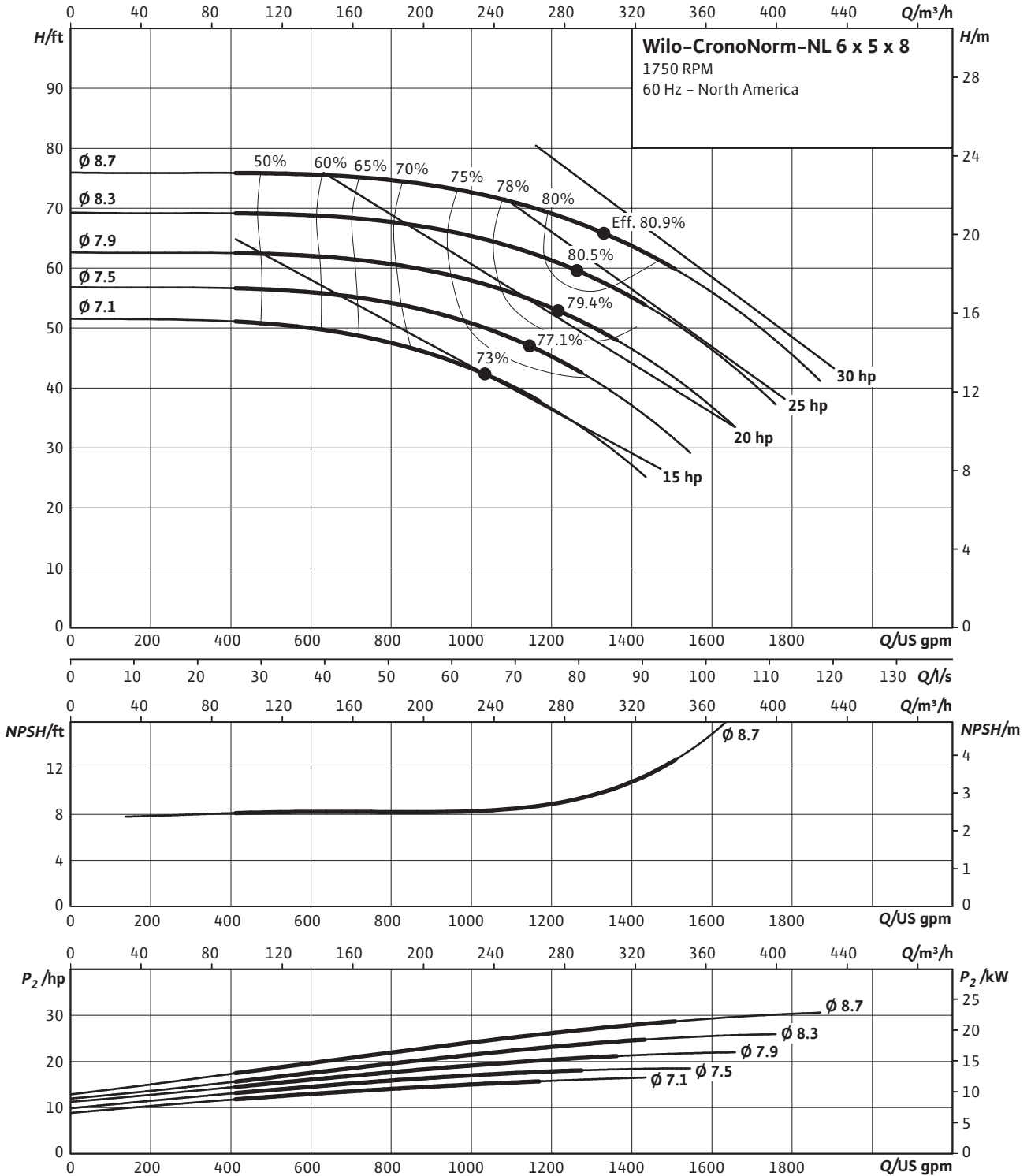
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 6 x 5 x 8

Speed 1750 rpm



# Norm pumps

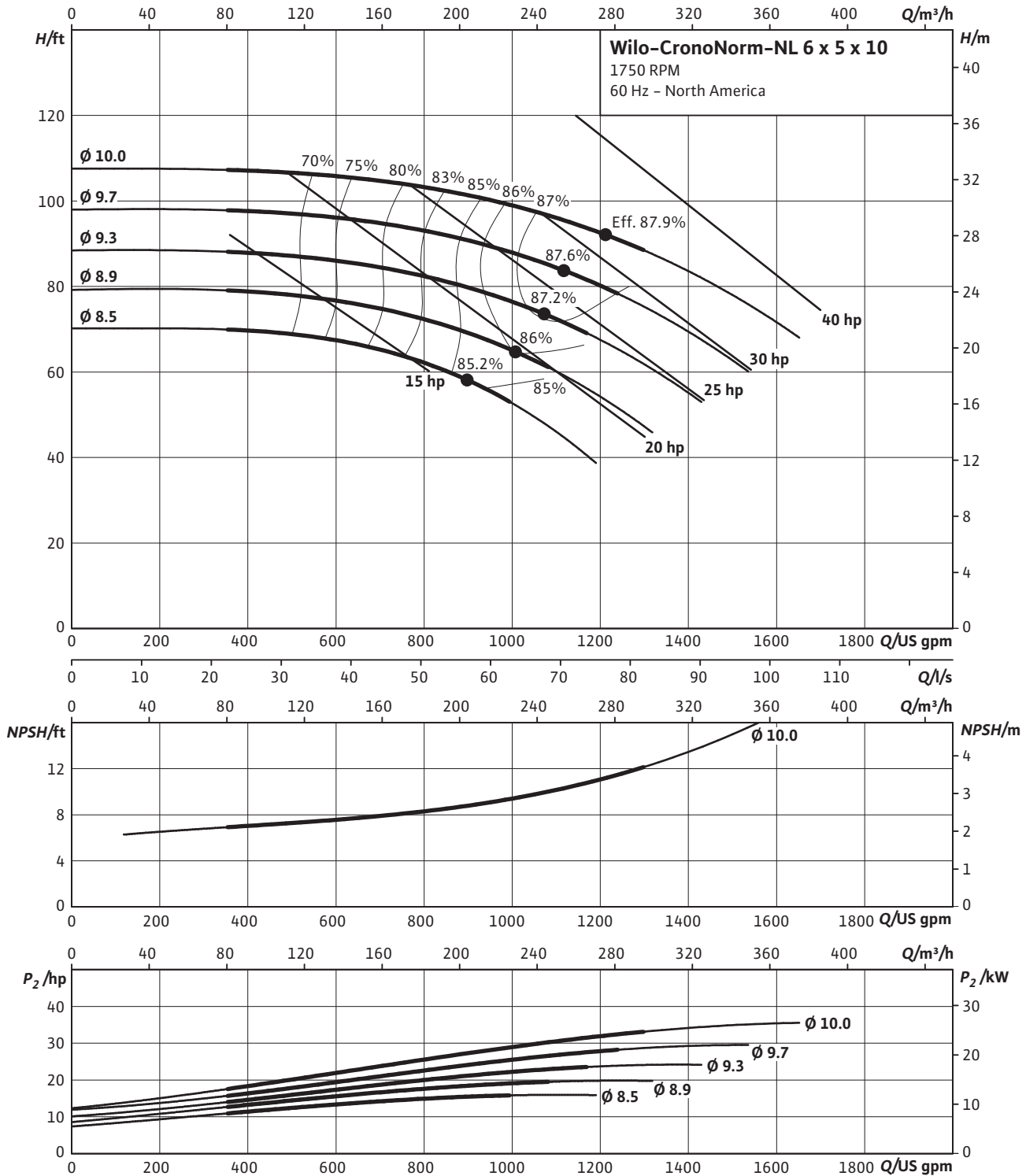
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 6 x 5 x 10

Speed 1750 rpm



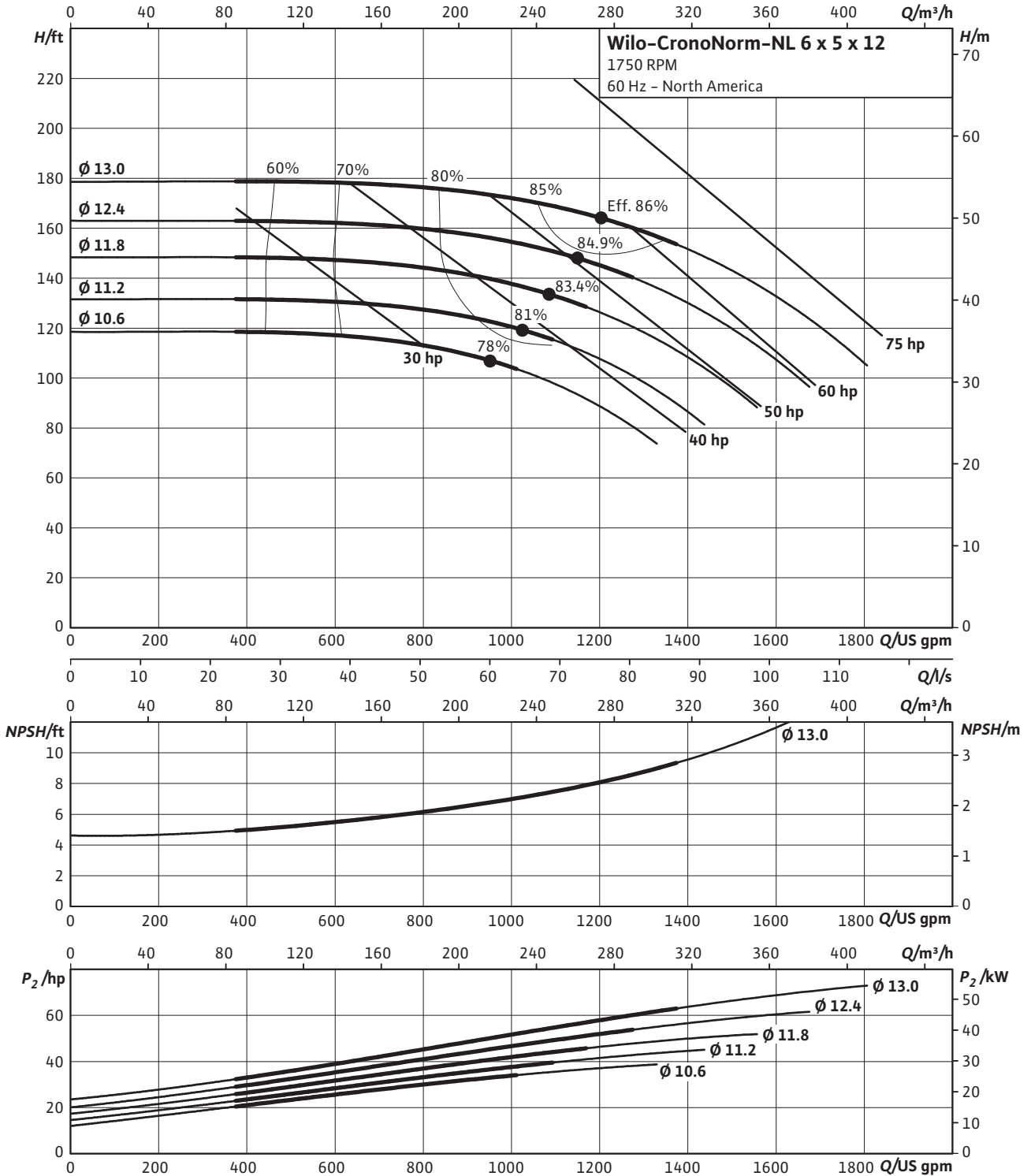
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 6 x 5 x 12

Speed 1750 rpm



# Norm pumps

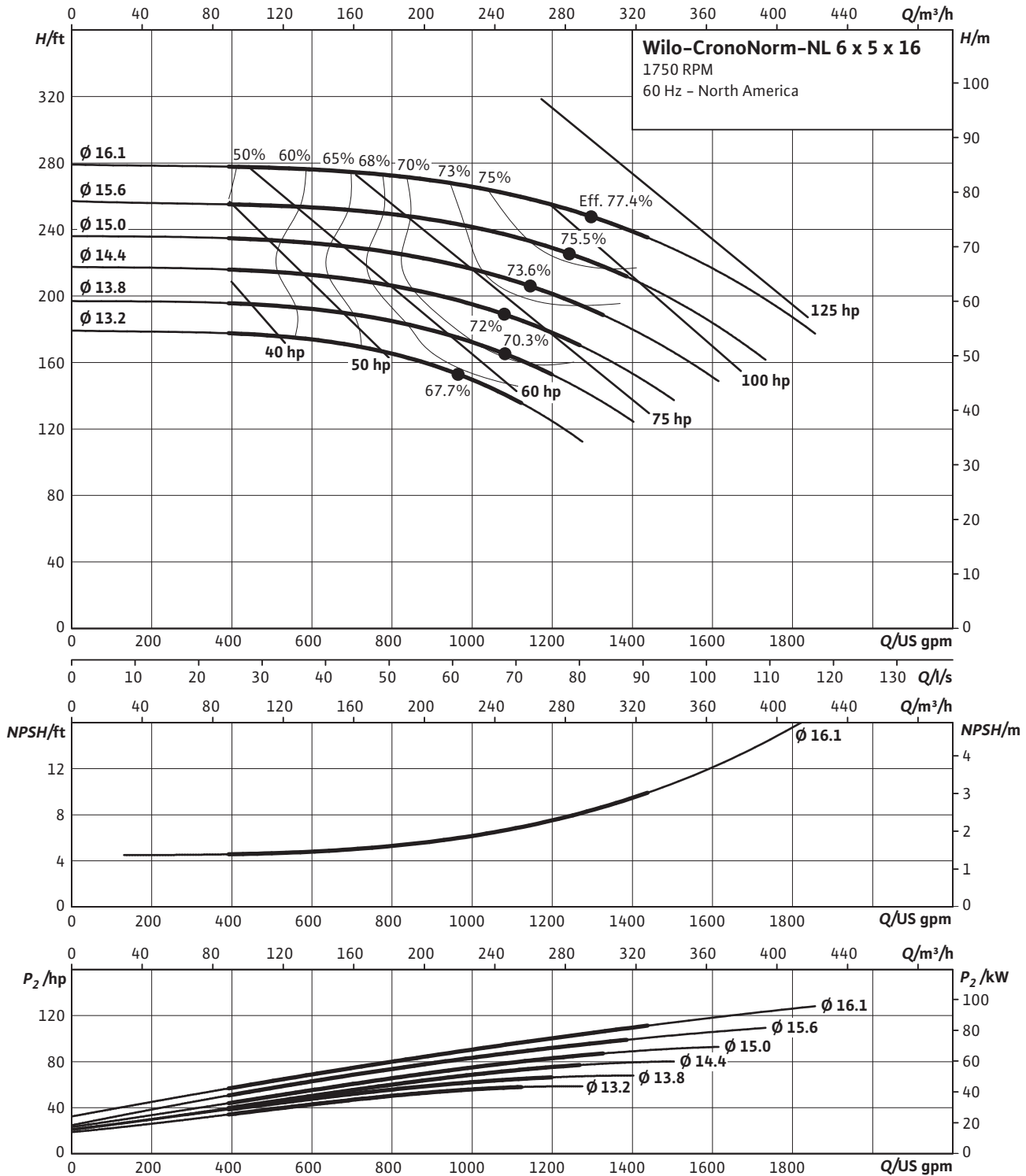
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 6 x 5 x 16

Speed 1750 rpm



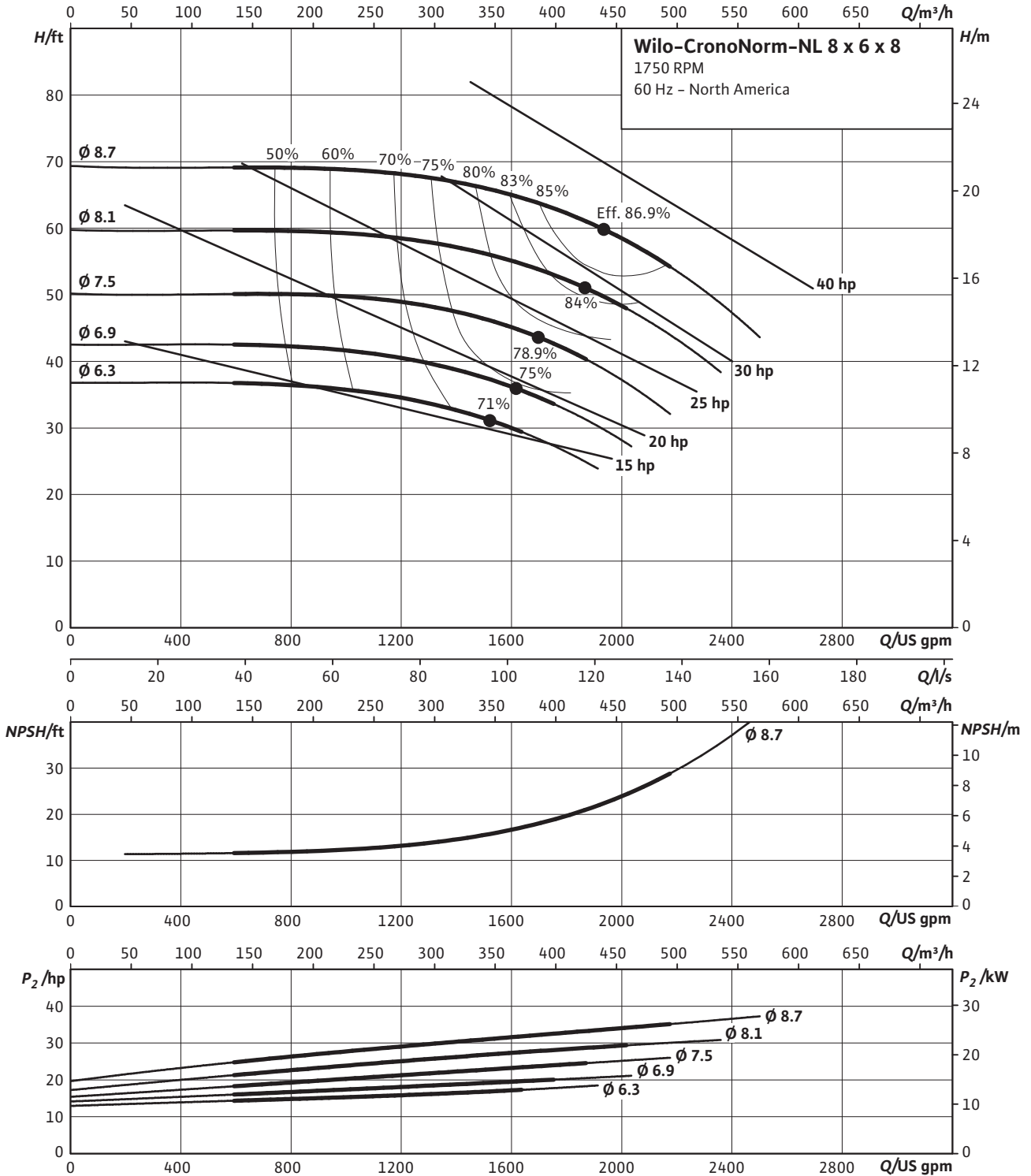
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 8 x 6 x 8

Speed 1750 rpm



# Norm pumps

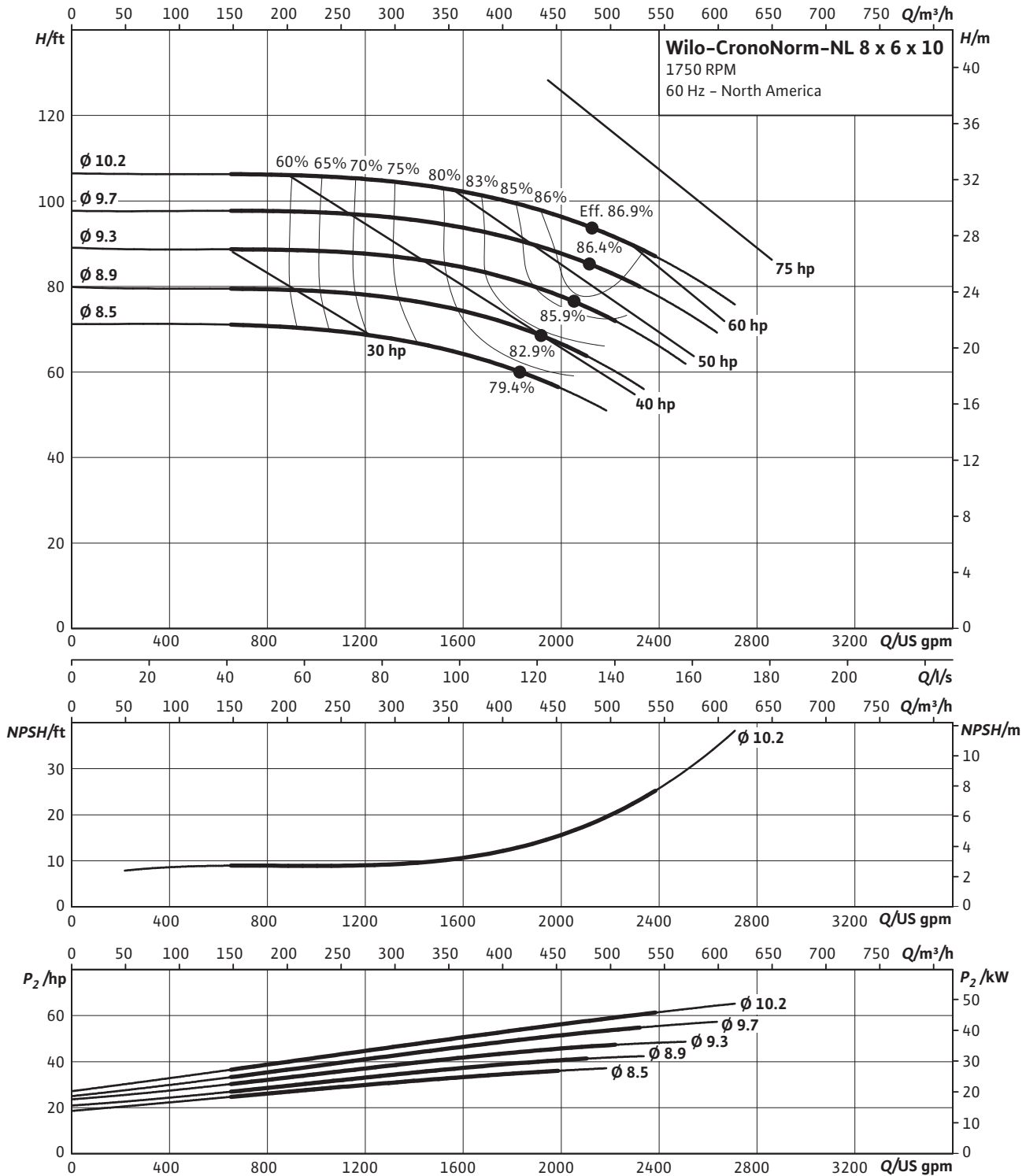
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 8 x 6 x 10

Speed 1750 rpm





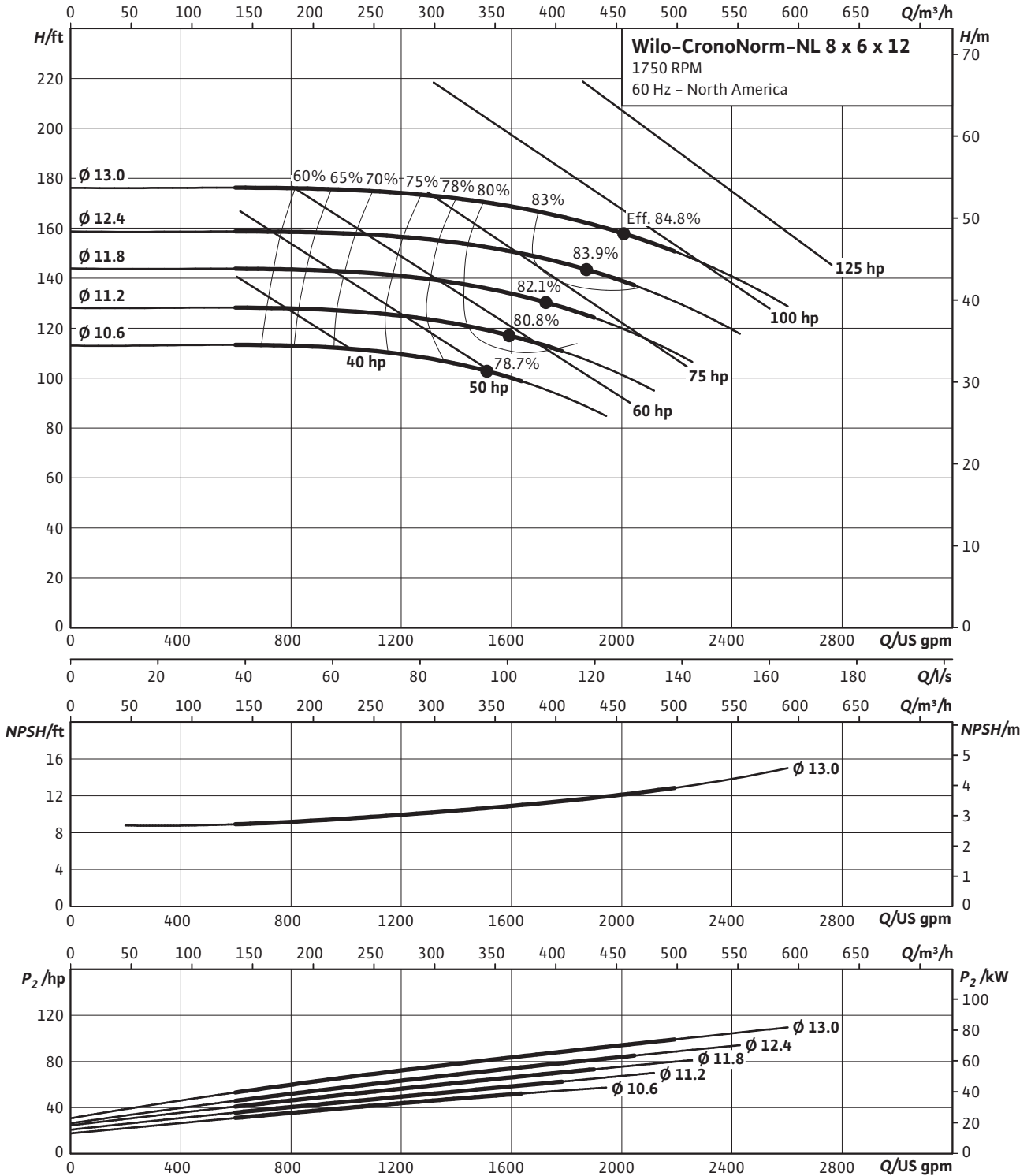
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 8 x 6 x 12

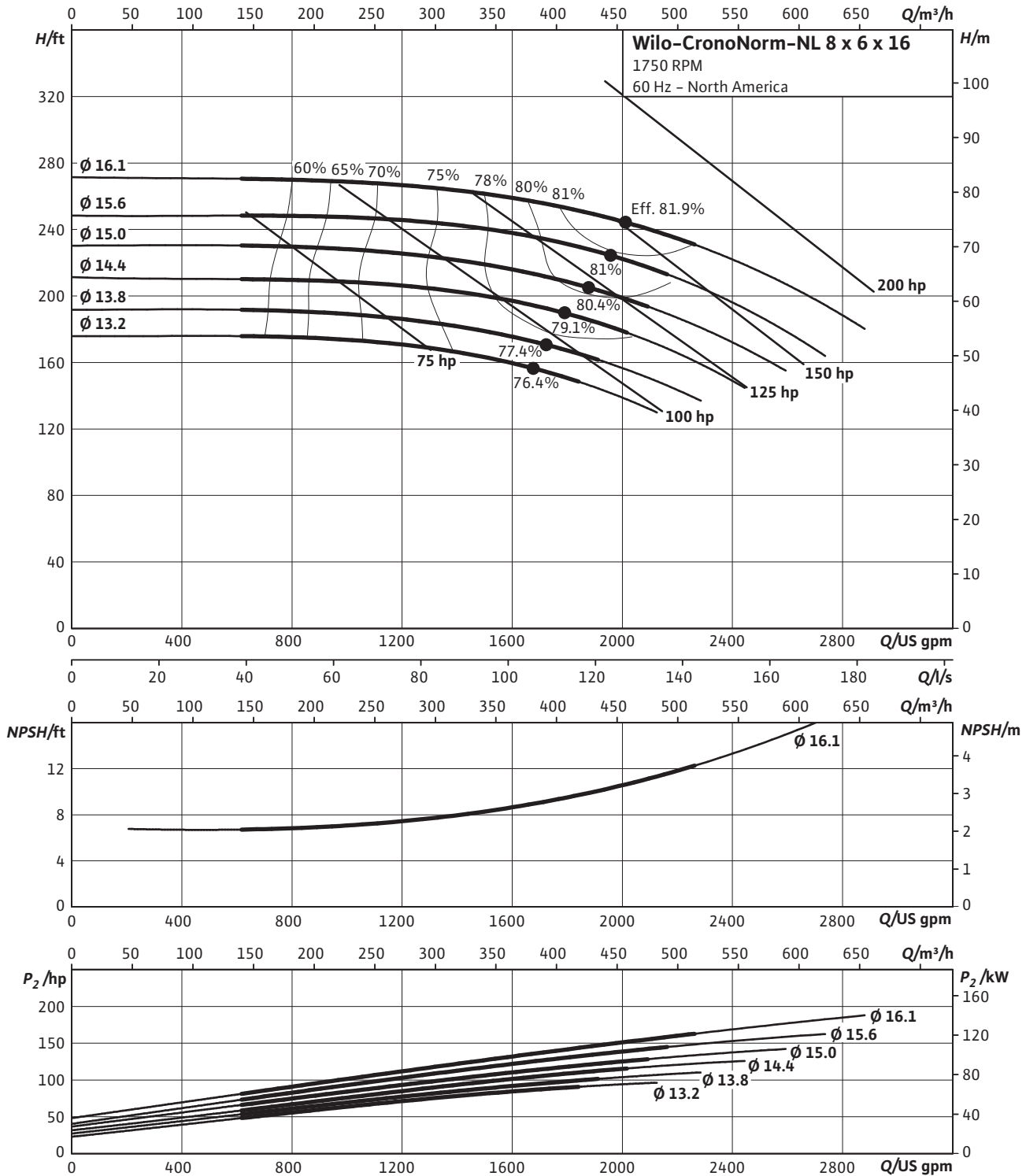
Speed 1750 rpm



### Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 8 x 6 x 16

Speed 1750 rpm



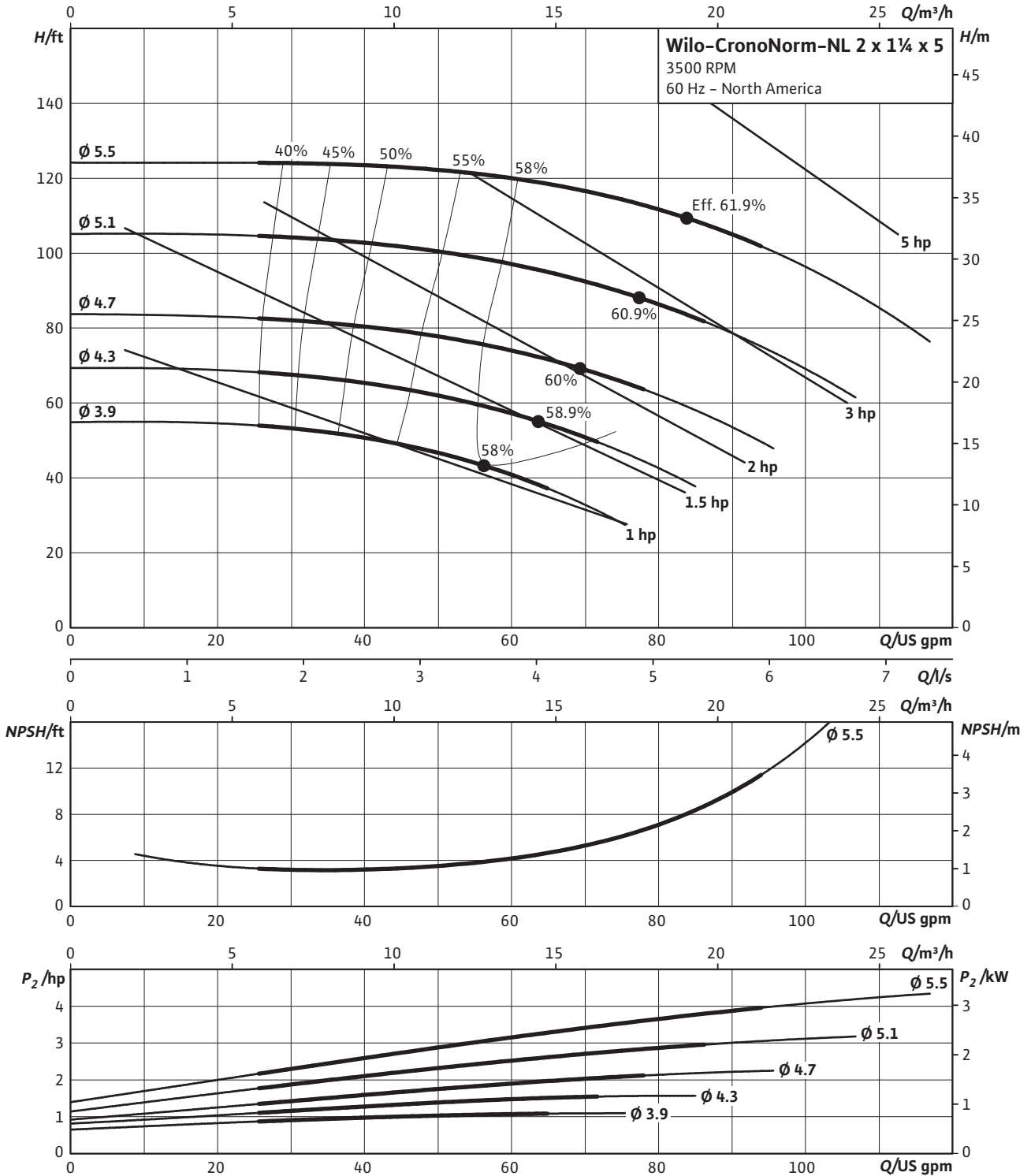
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 5

Speed 3500 rpm



# Norm pumps

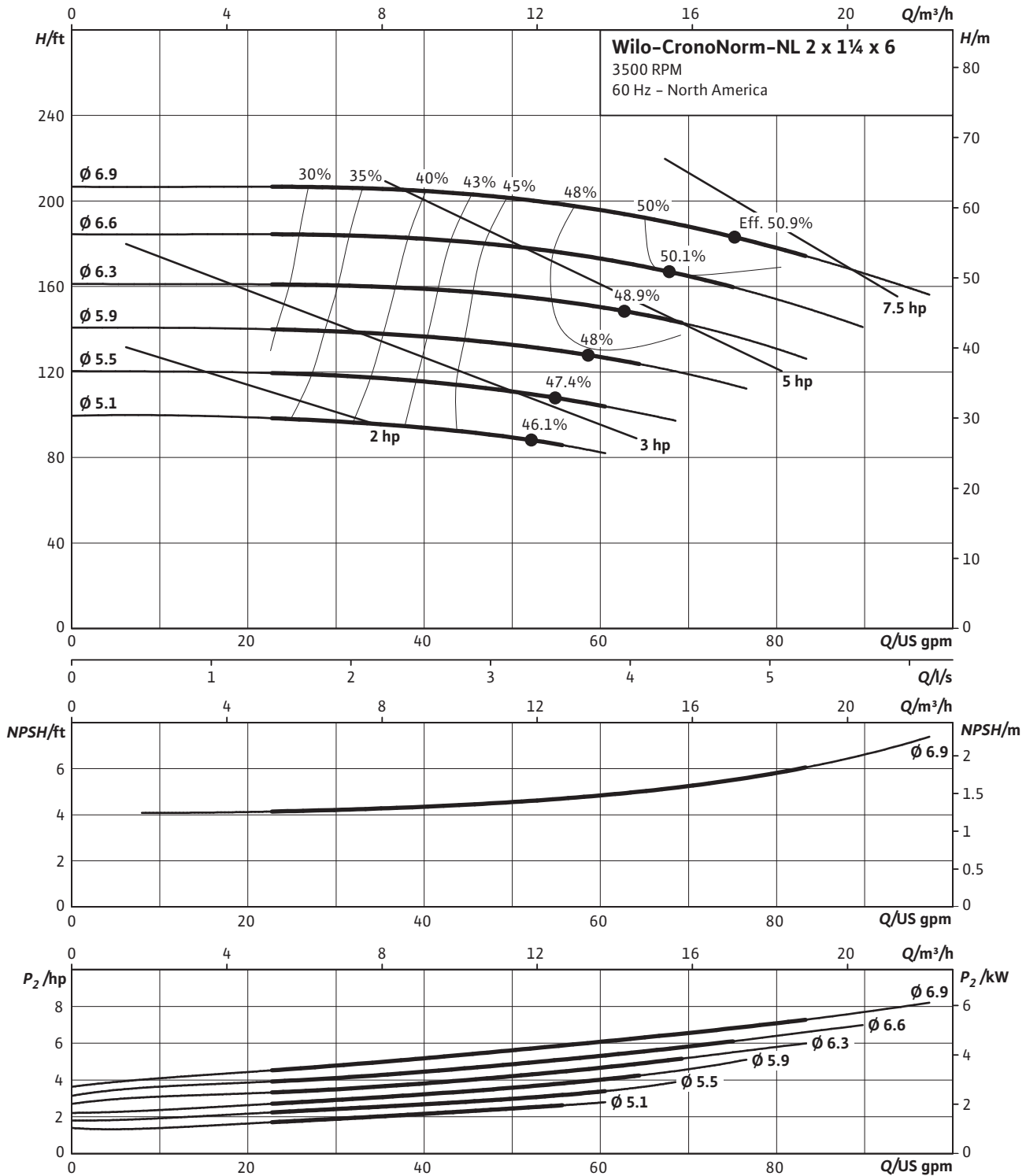
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 6

Speed 3500 rpm



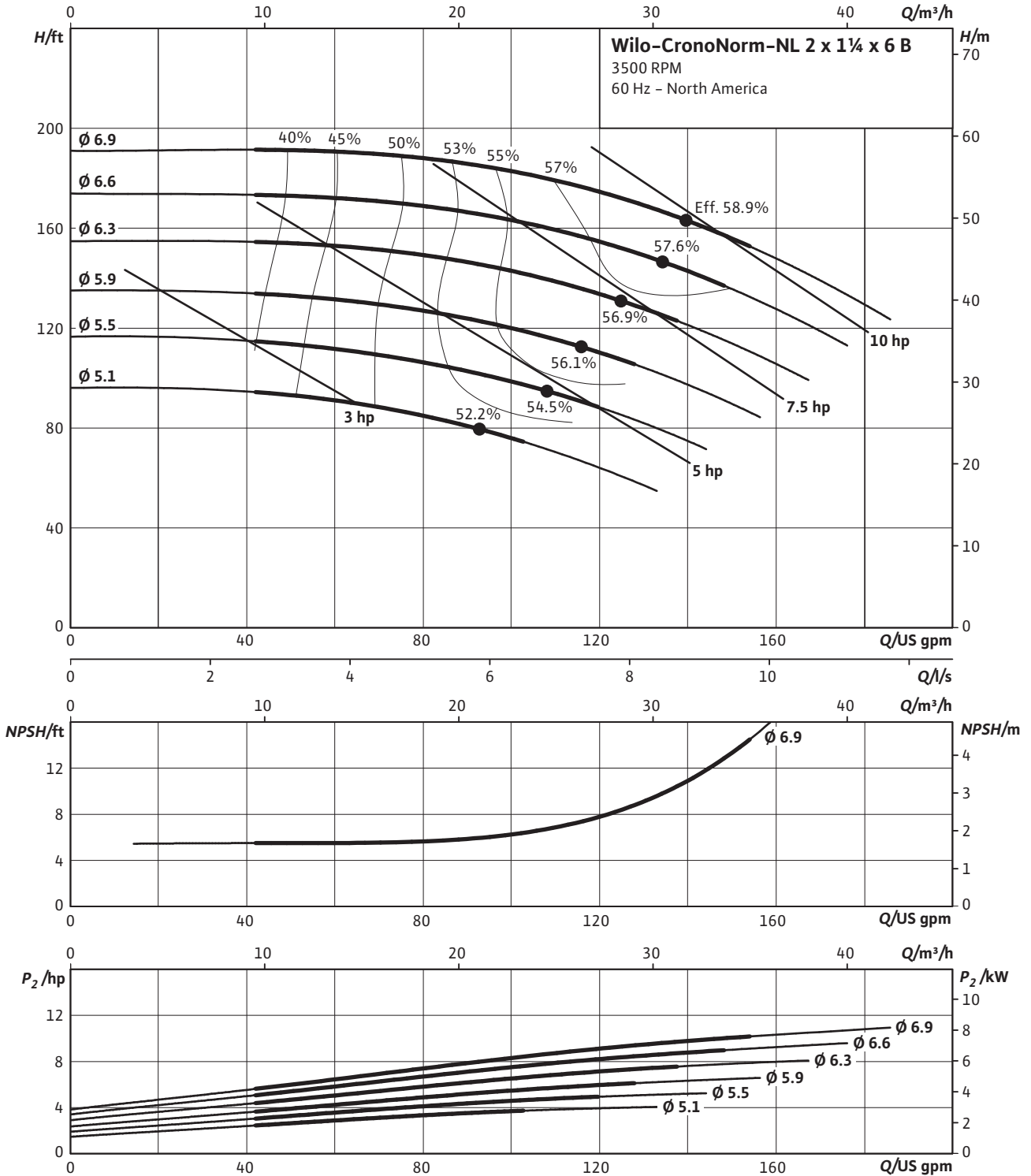
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 6 B

Speed 3500 rpm



# Norm pumps

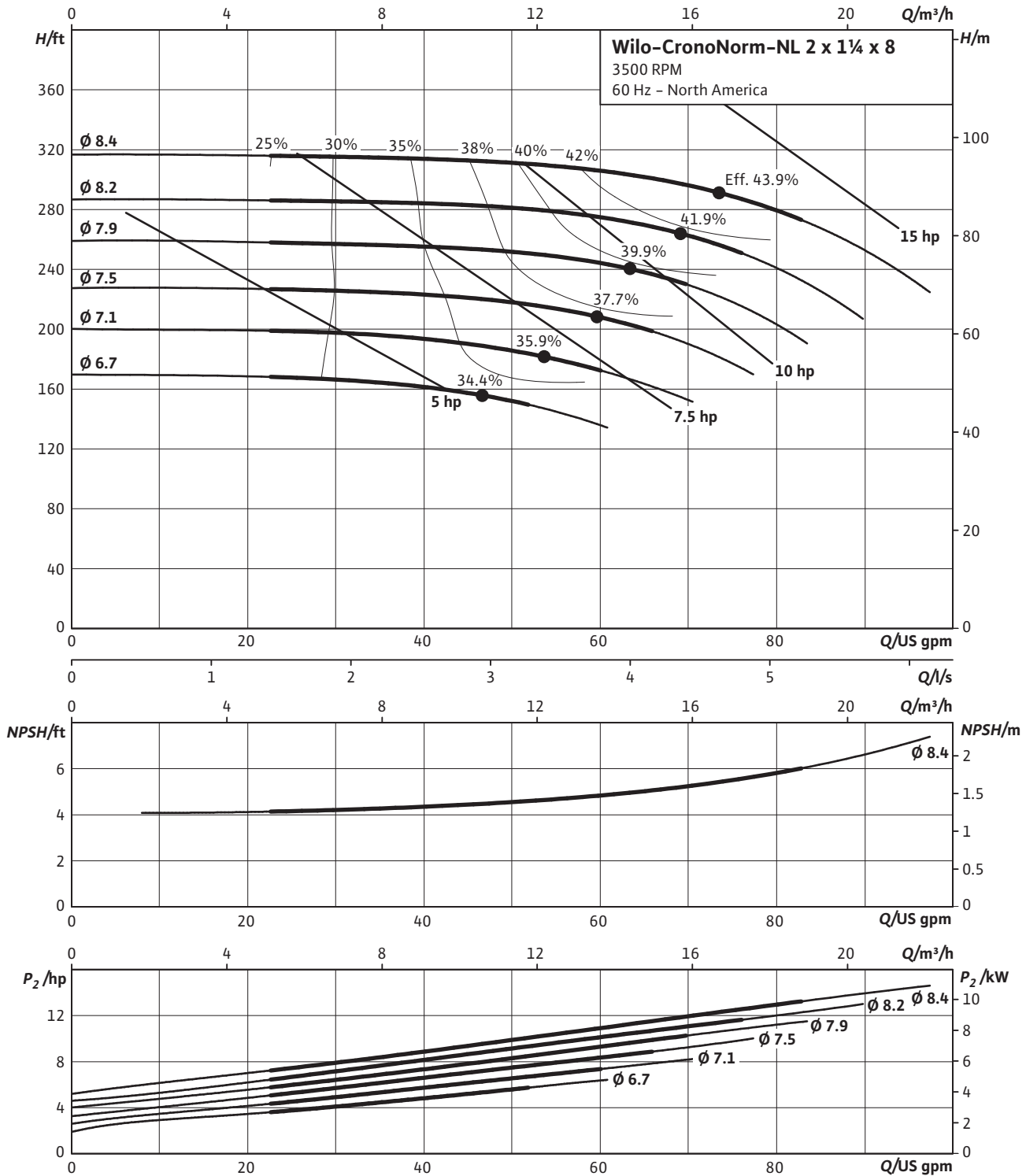
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 8

Speed 3500 rpm



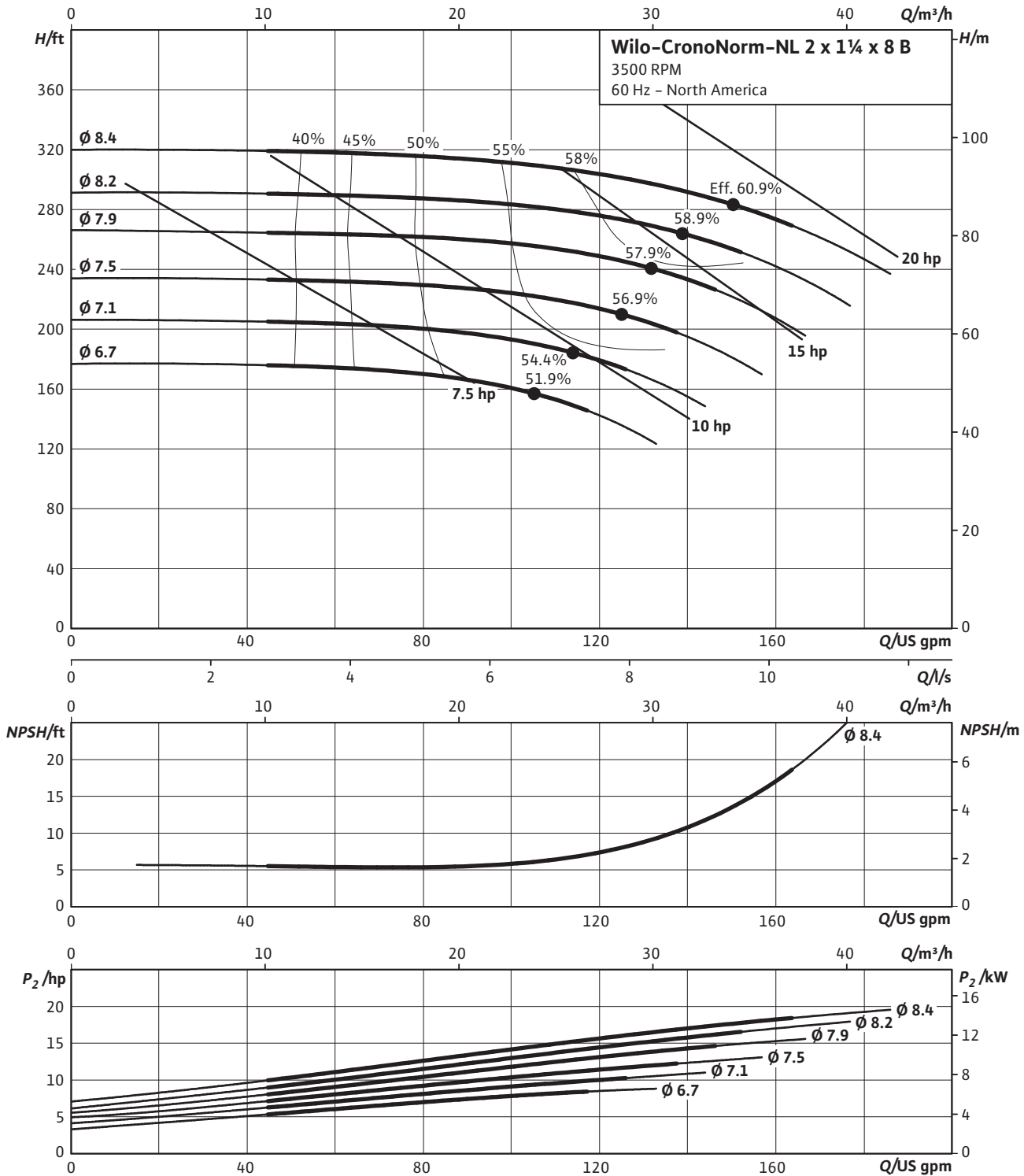
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2 x 1-1/4 x 8 B

Speed 3500 rpm



# Norm pumps

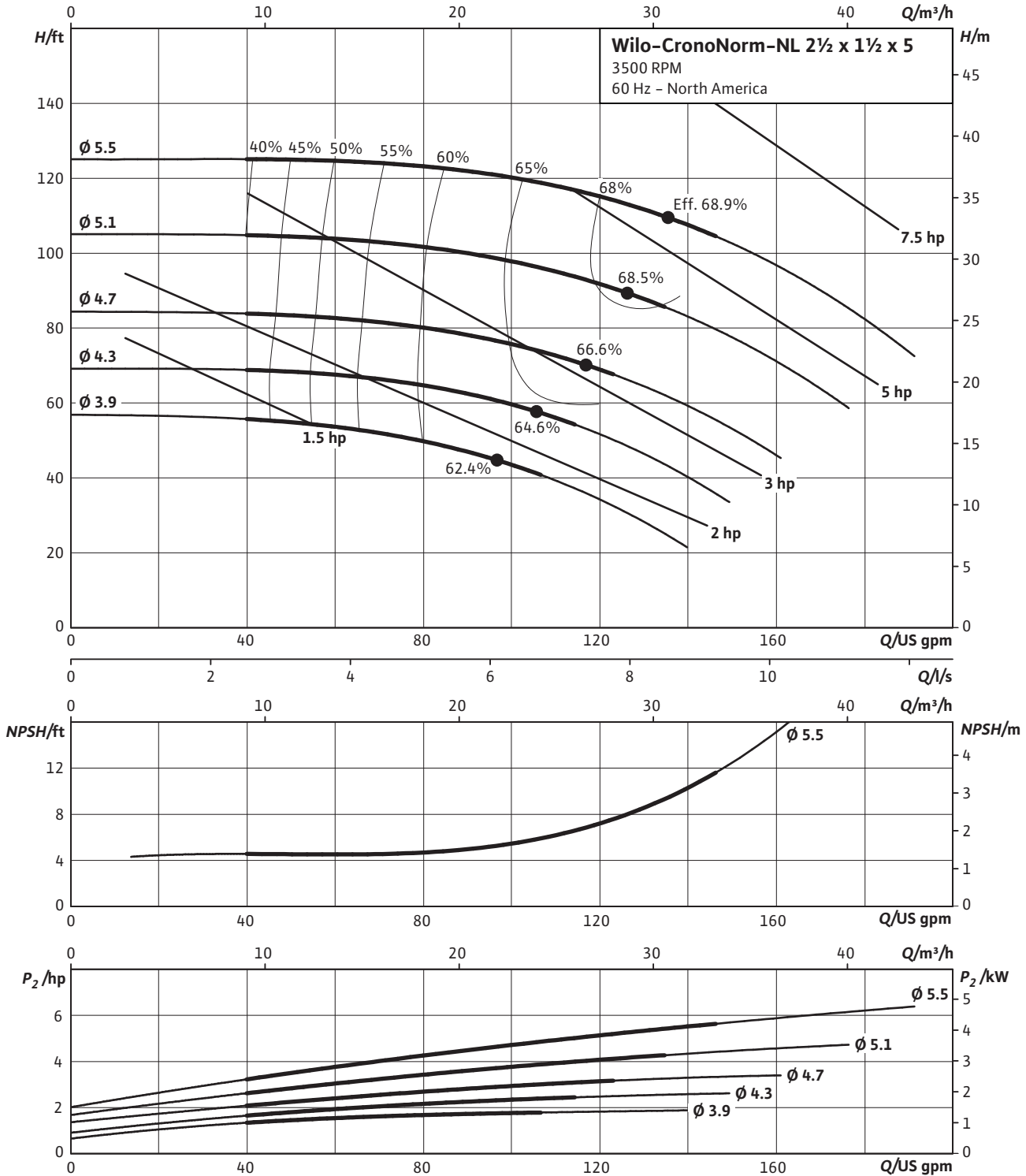
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 5

Speed 3500 rpm





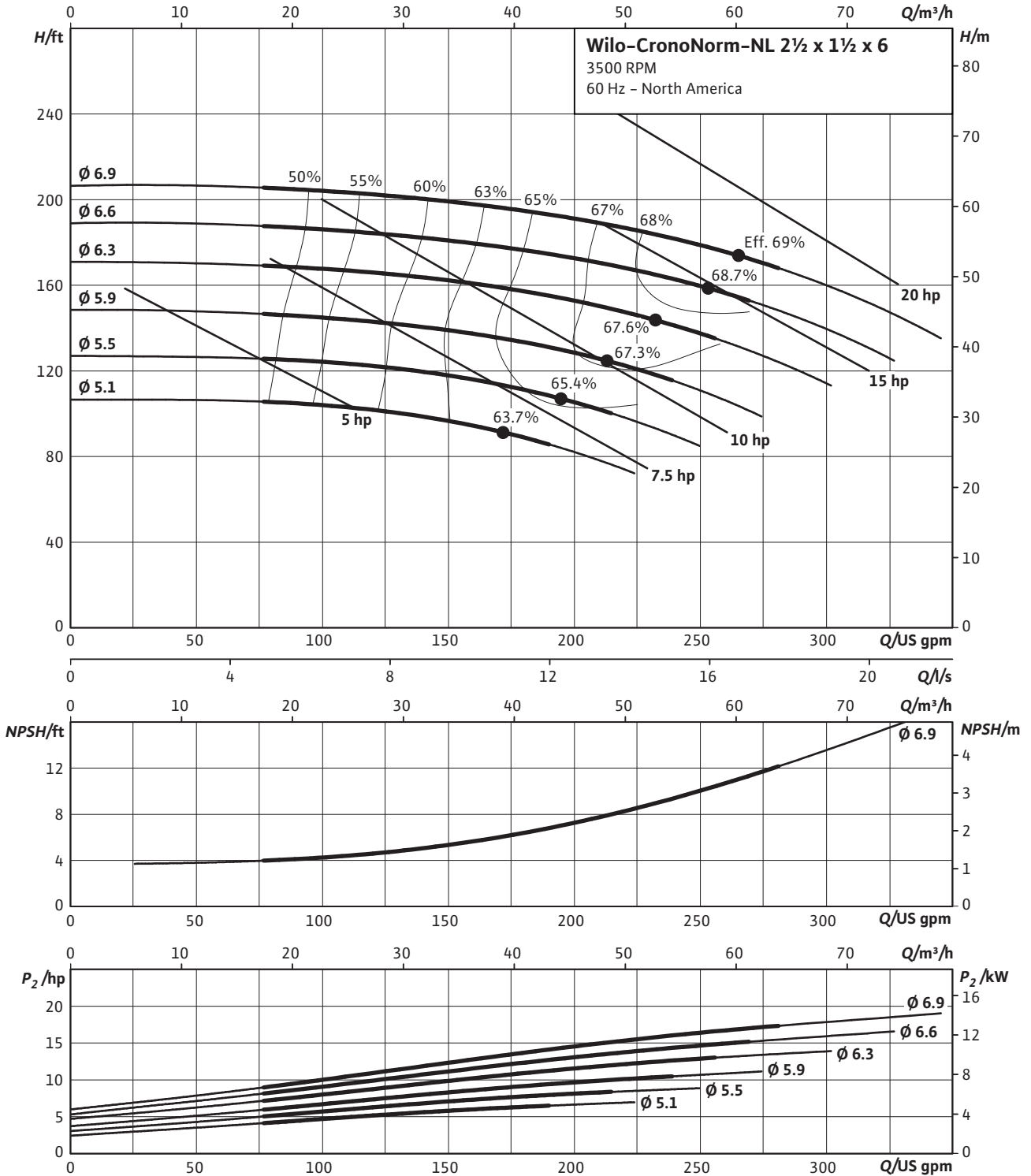
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 6

Speed 3500 rpm



# Norm pumps

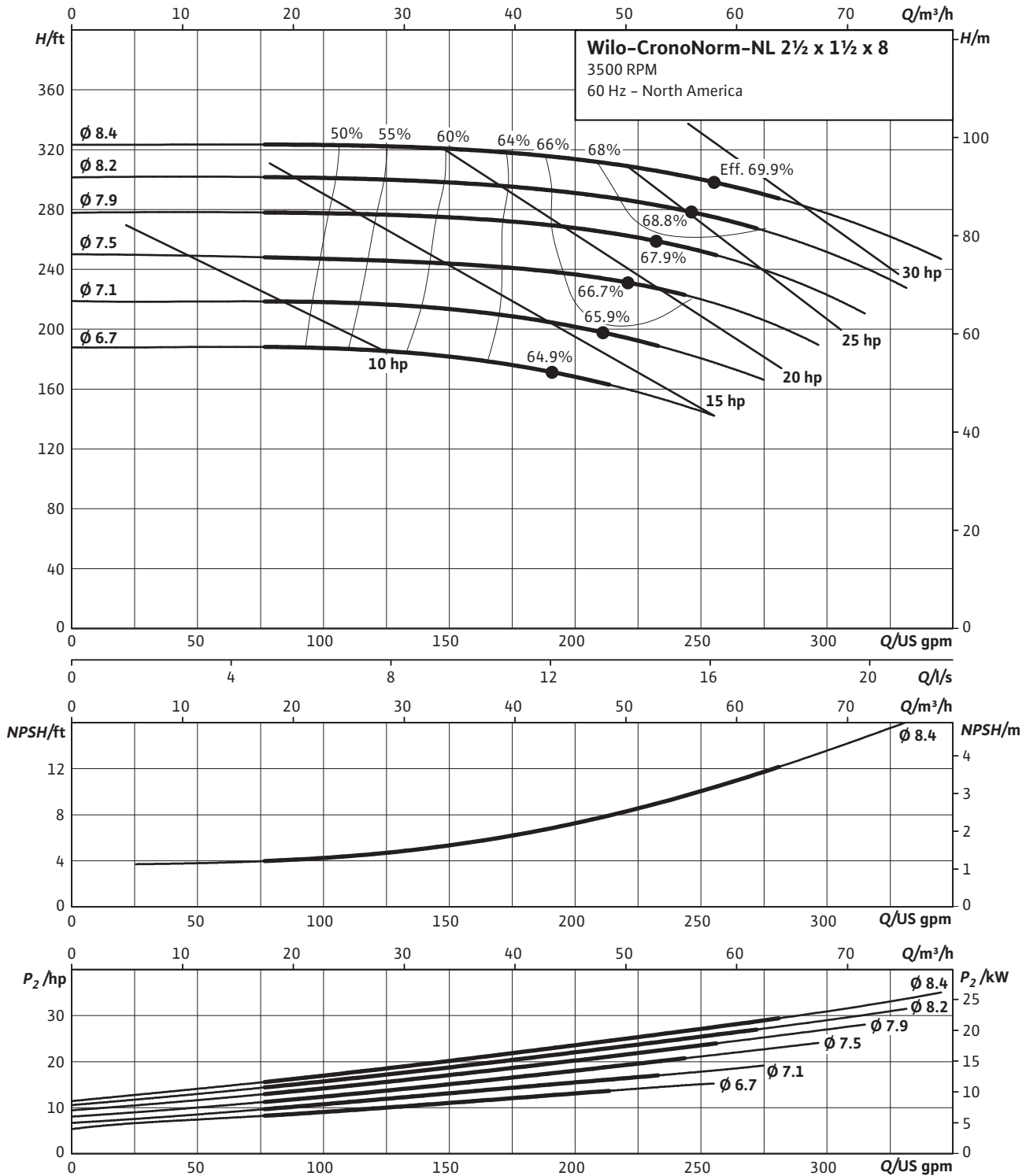
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 1-1/2 x 8

Speed 3500 rpm



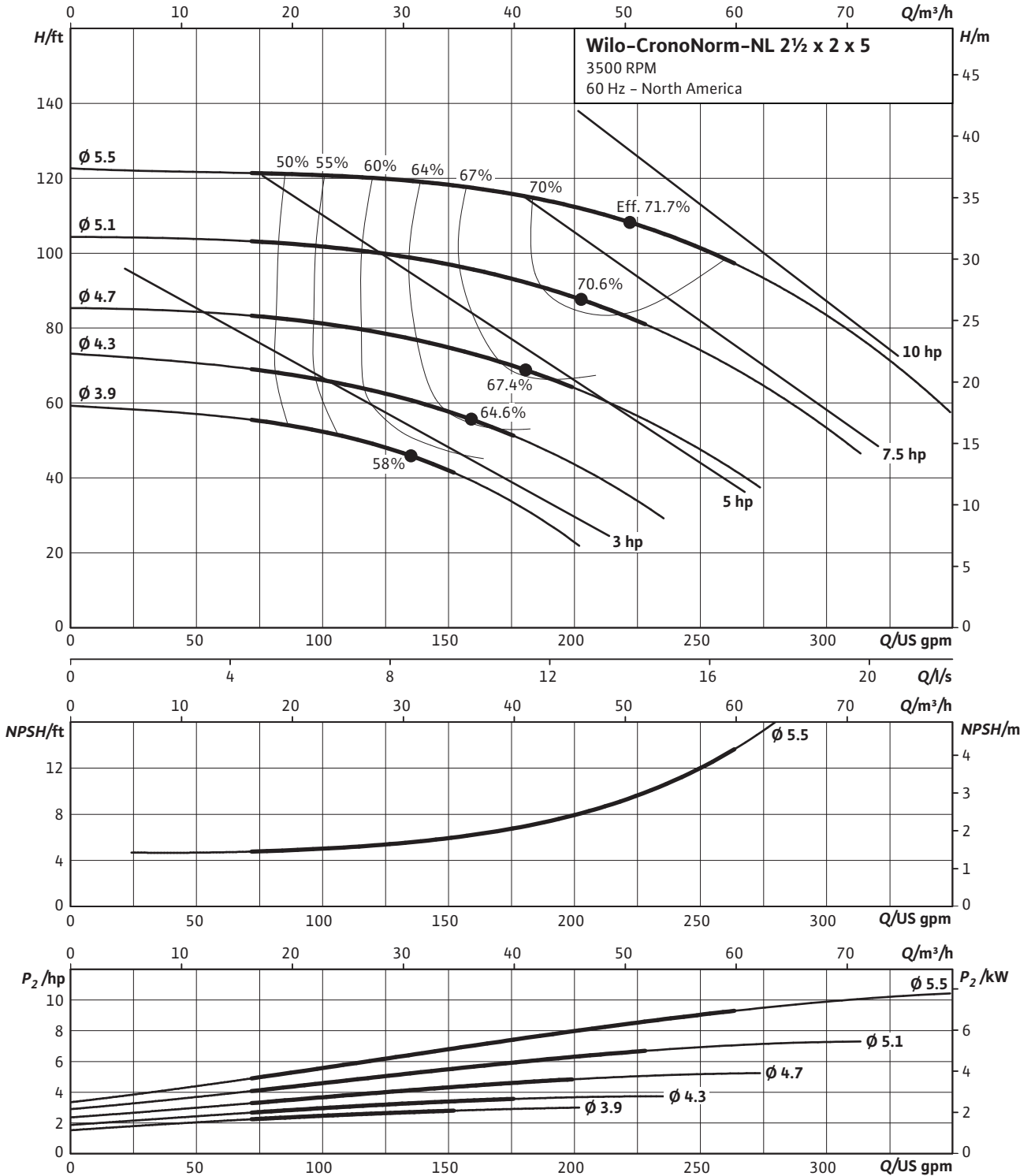
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 5

Speed 3500 rpm



# Norm pumps

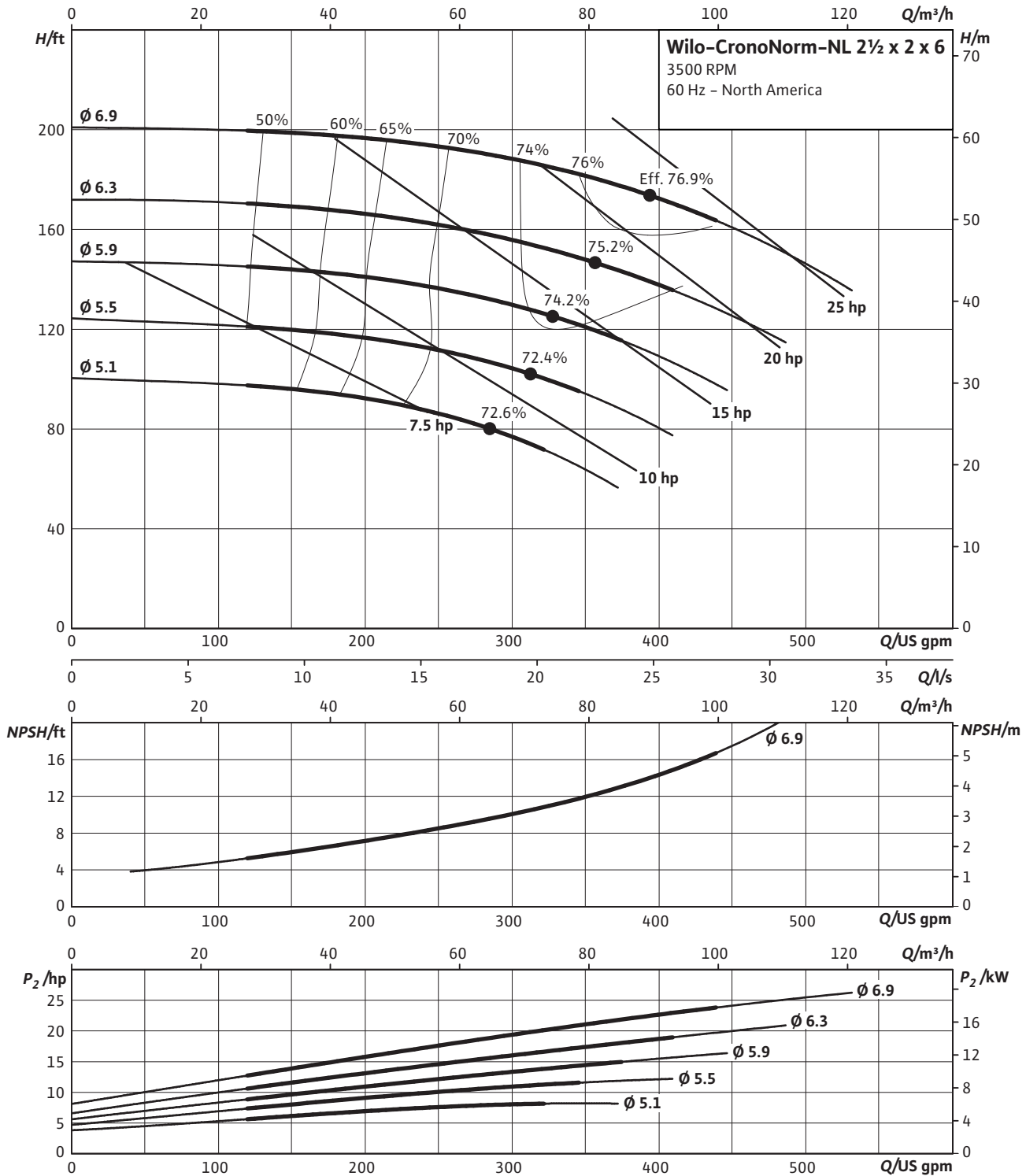
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 6

Speed 3500 rpm



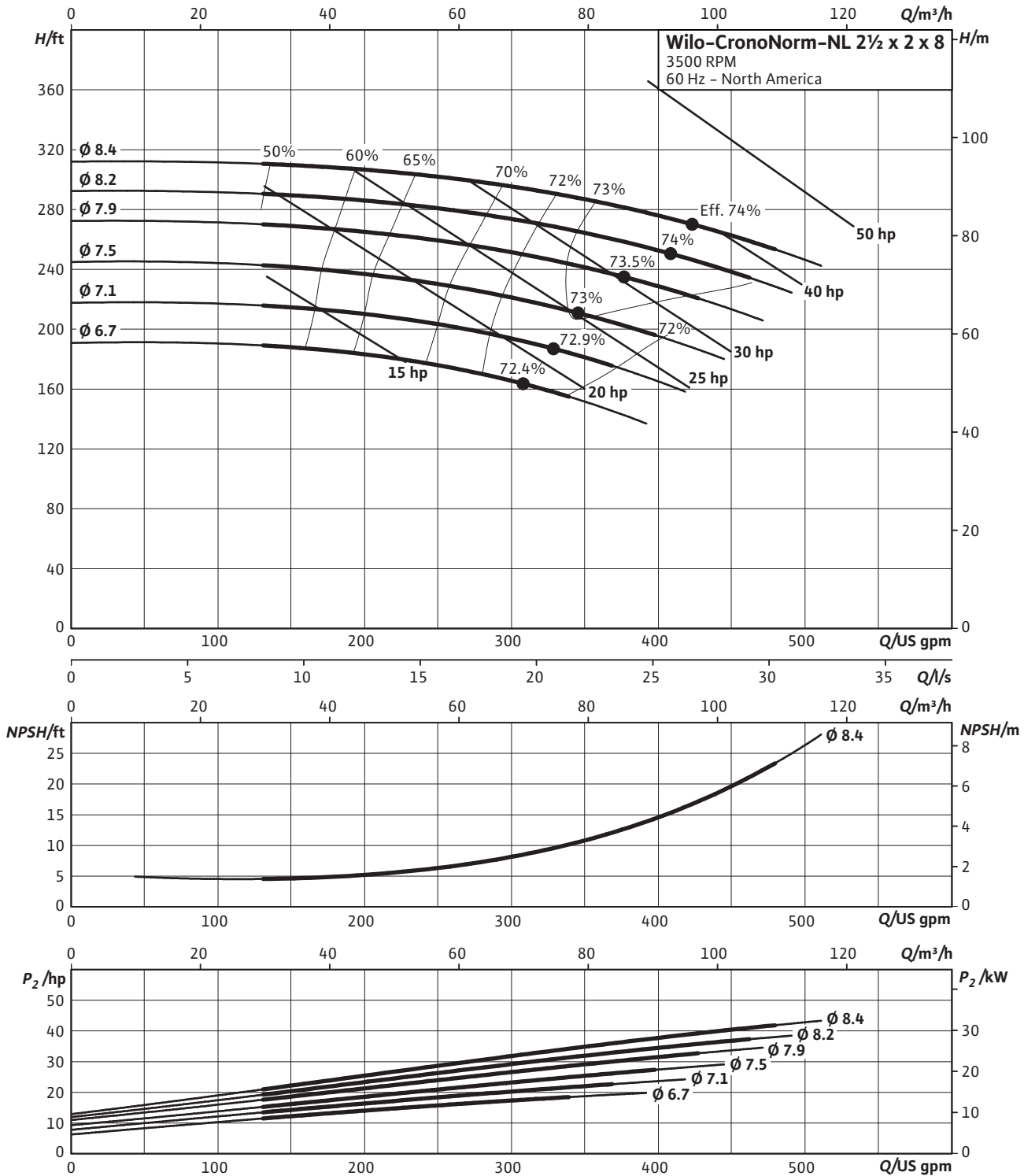
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 2-1/2 x 2 x 8

Speed 3500 rpm



# Norm pumps

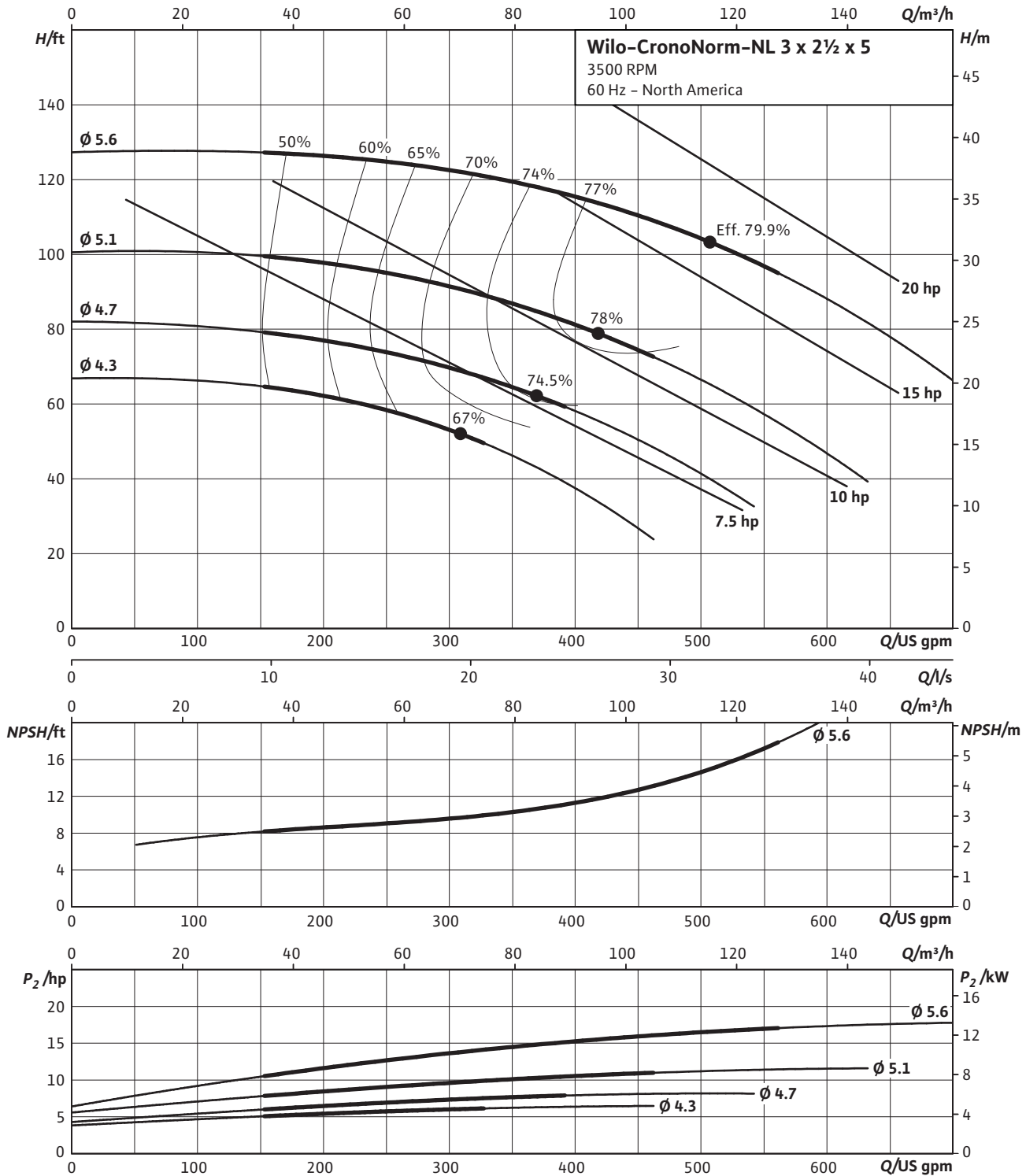
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 5

Speed 3500 rpm



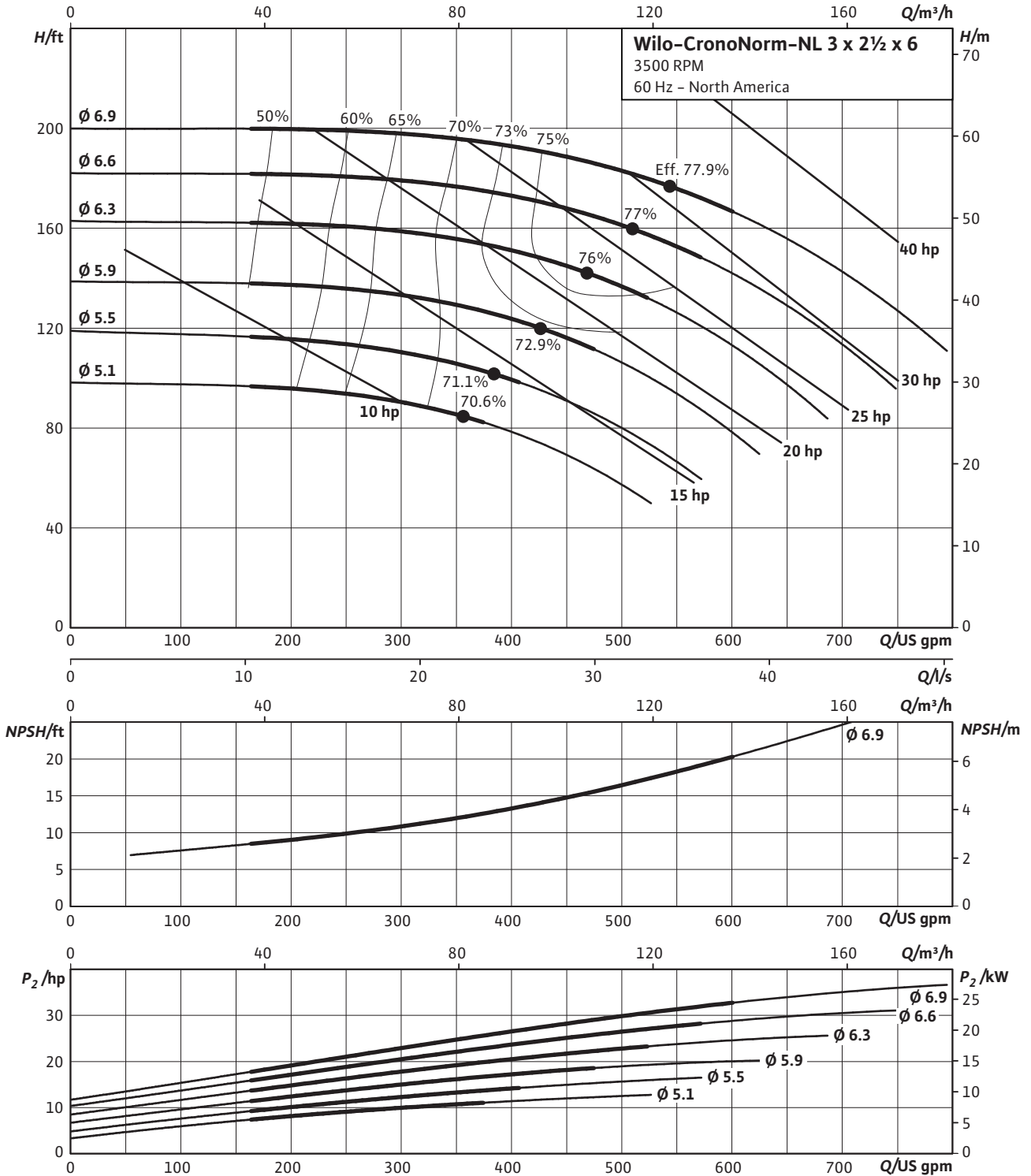
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 6

Speed 3500 rpm



# Norm pumps

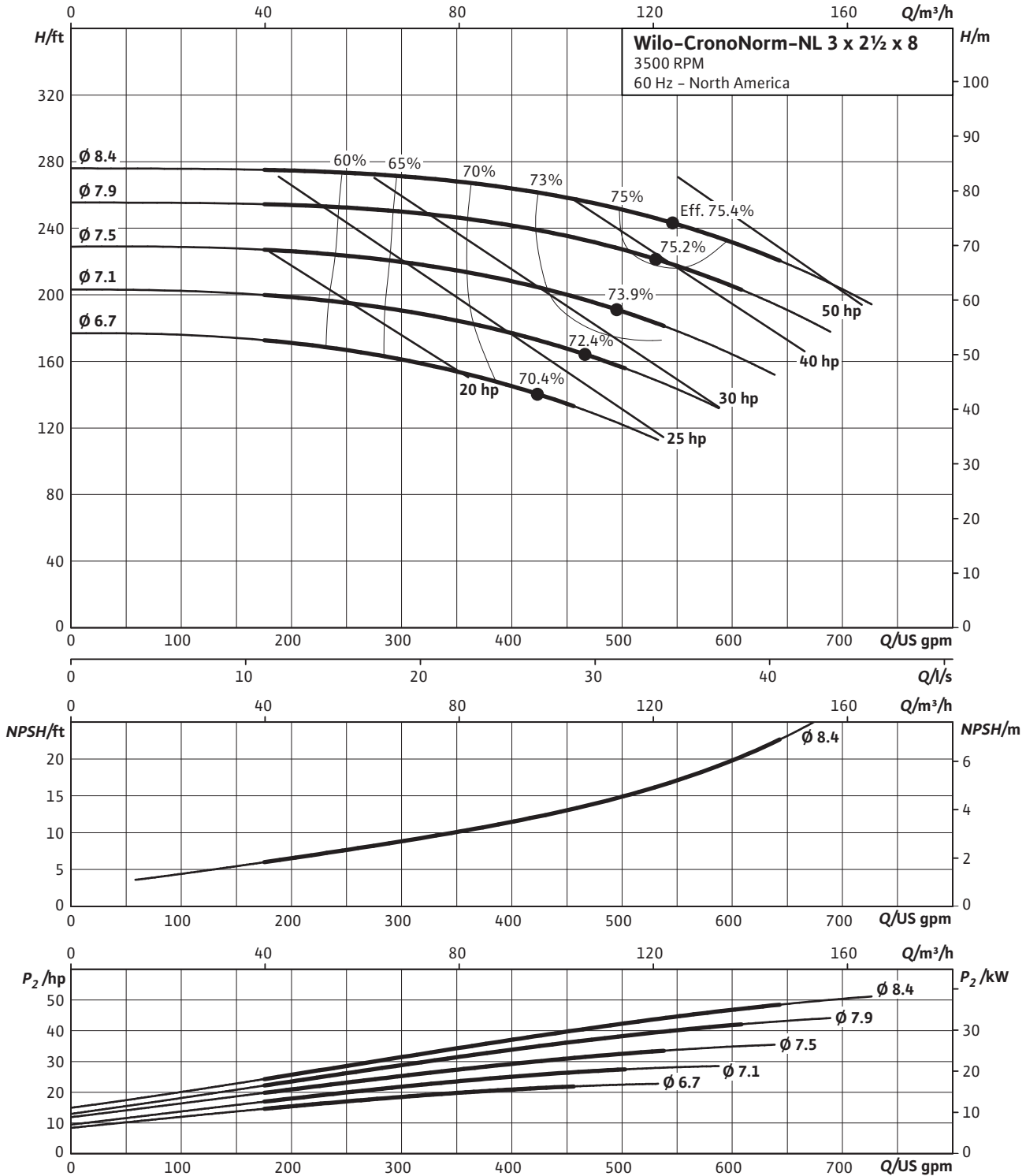
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 3 x 2-1/2 x 8

Speed 3500 rpm





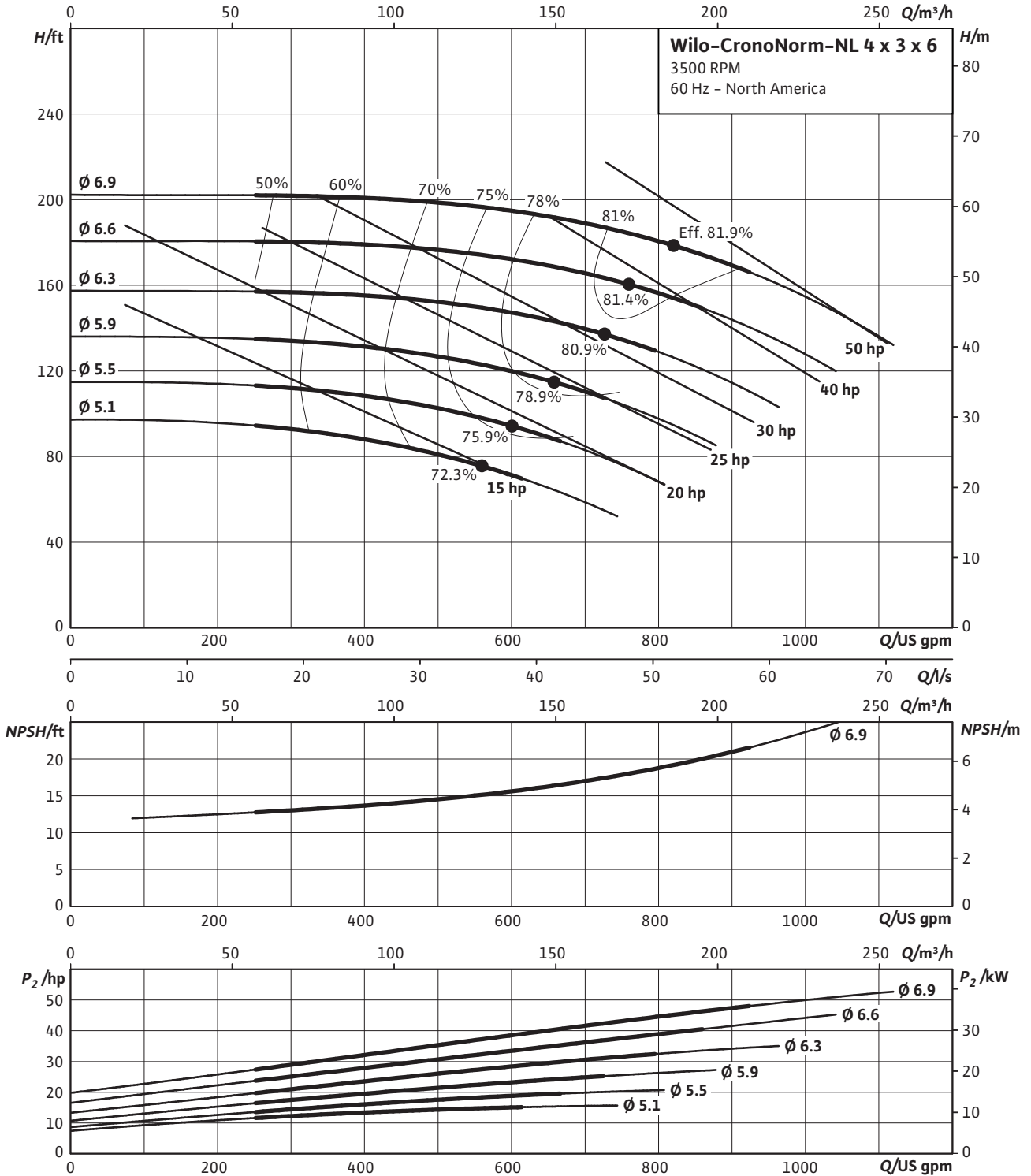
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 6

Speed 3500 rpm



# Norm pumps

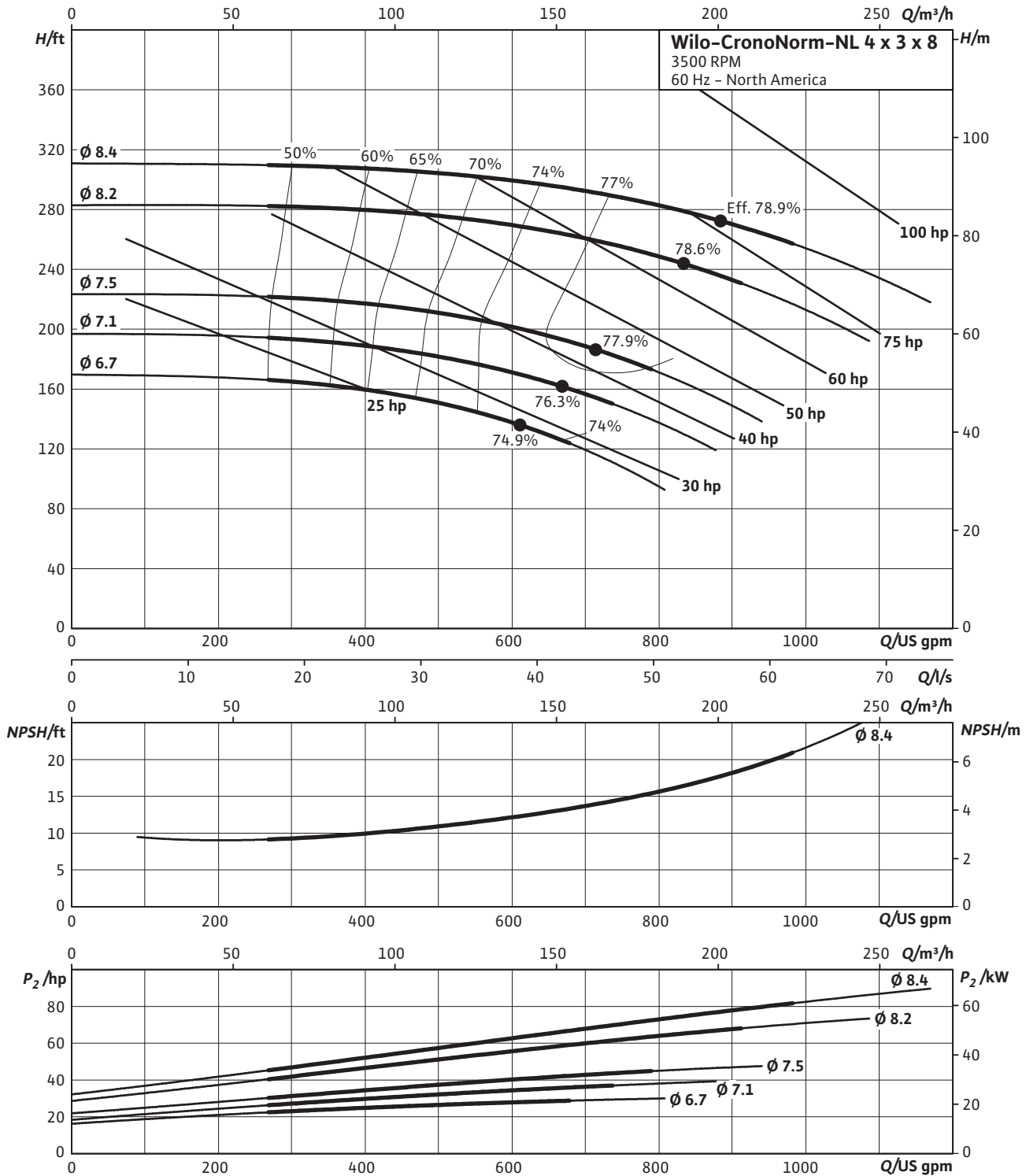
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 4 x 3 x 8

Speed 3500 rpm



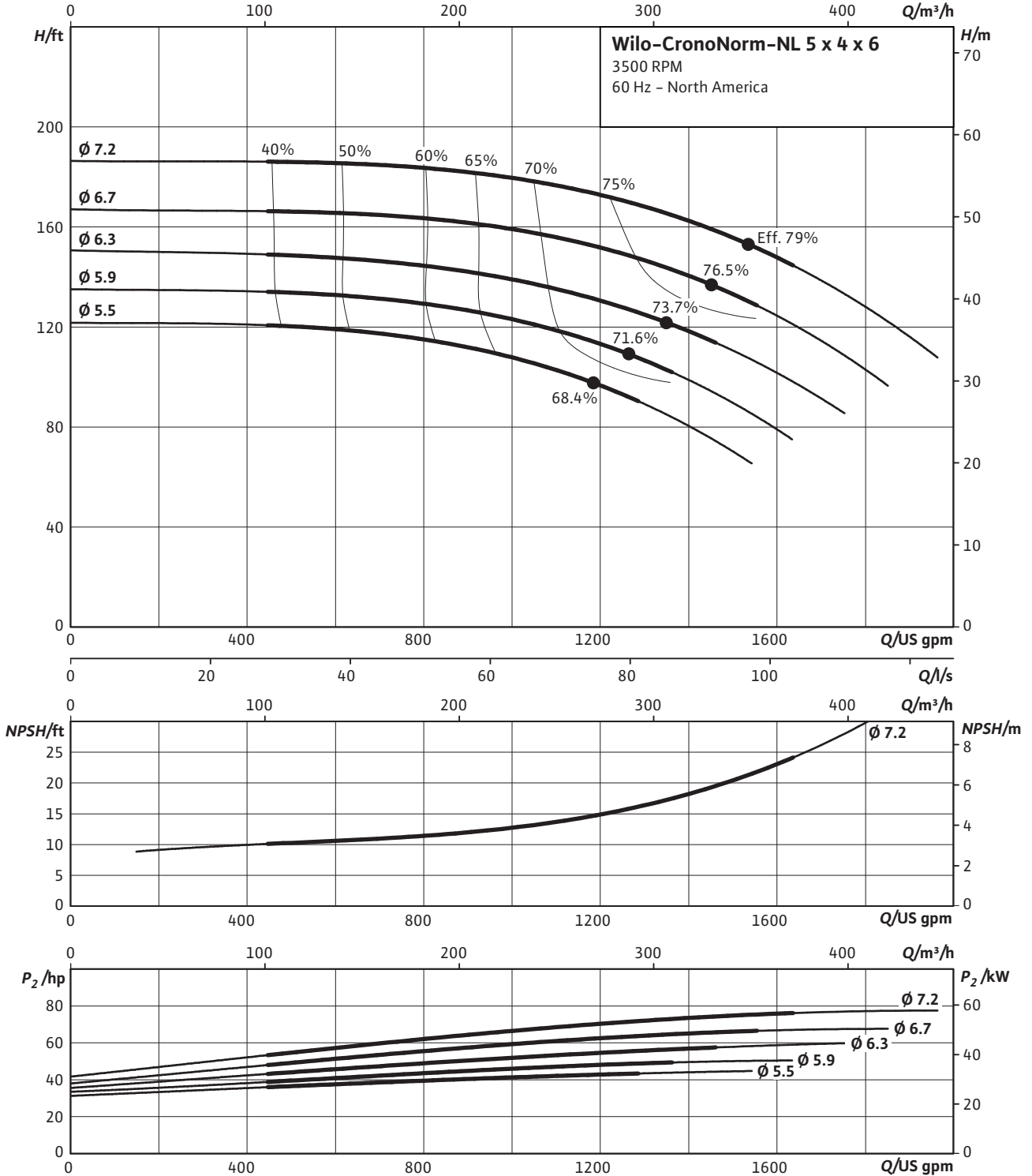
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 6

Speed 3500 rpm



# Norm pumps

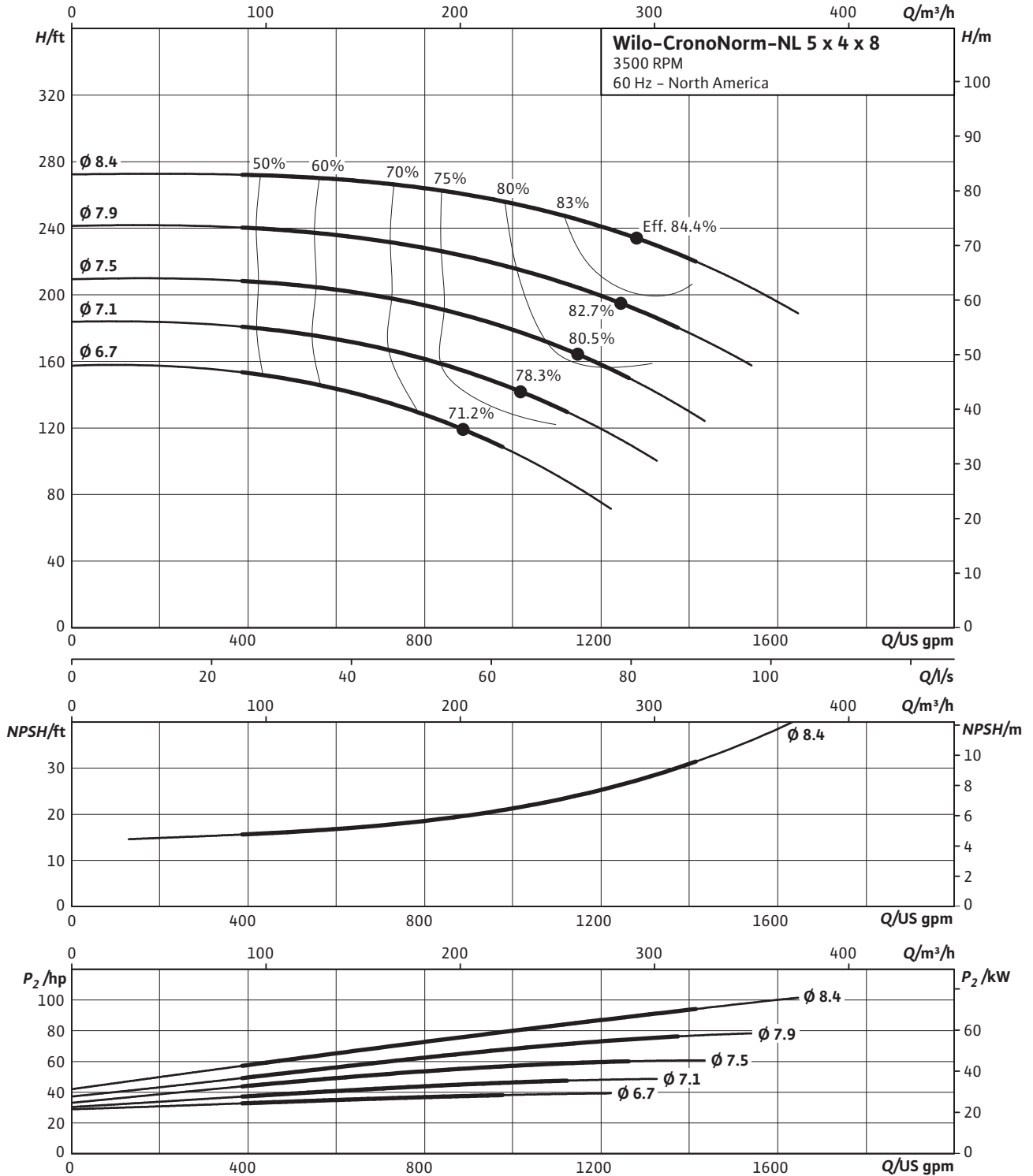
Single pumps (heating, air-conditioning, cooling and industry)



## Pump curves Wilo-CronoNorm-NL

Wilo-CronoNorm-NL 5 x 4 x 8

Speed 3500 rpm



# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Terminal diagram, motor data Wilo-CronoNorm-NL

### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
2x1-1/4x6	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2x1-1/4x6	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2x1-1/4x6B	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2x1-1/4x6B	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2x1-1/4x6B	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2x1-1/4x6B	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2x1-1/4x8	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2x1-1/4x8	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2x1-1/4x8	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2x1-1/4x8	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2x1-1/4x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2x1-1/4x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2x1-1/4x8B	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2x1-1/4x8B	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2x1-1/4x8B	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2x1-1/4x8B	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2x1-1/4x8B	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2x1-1/4x8B	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2x1-1/4x10	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2x1-1/4x10	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2x1-1/4x10	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2x1-1/4x10	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2x1-1/4x10	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2x1-1/4x10	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x1-1/2x5	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2-1/2x1-1/2x5	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2-1/2x1-1/2x6	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2-1/2x1-1/2x6	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2-1/2x1-1/2x6	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2-1/2x1-1/2x6	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2-1/2x1-1/2x6	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x1-1/2x6	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x1-1/2x6	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x1-1/2x6	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x1-1/2x8	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2-1/2x1-1/2x8	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2-1/2x1-1/2x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x1-1/2x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x1-1/2x8	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x1-1/2x8	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32

### Terminal diagram, motor data Wilo-CronoNorm-NL

#### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
2-1/2x1-1/2x10	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2-1/2x1-1/2x10	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2-1/2x1-1/2x10	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x1-1/2x10	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x1-1/2x10	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x1-1/2x10	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x1-1/2x12	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x1-1/2x12	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x1-1/2x12	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x1-1/2x12	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x1-1/2x12	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
2-1/2x1-1/2x12	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
2-1/2x1-1/2x12	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
2-1/2x2x5	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2-1/2x2x5	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2-1/2x2x6	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
2-1/2x2x6	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
2-1/2x2x6	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2-1/2x2x6	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2-1/2x2x6	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x2x6	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x2x6	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x2x6	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x2x8	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
2-1/2x2x8	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
2-1/2x2x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x2x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x2x8	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x2x8	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x2x10	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
2-1/2x2x10	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
2-1/2x2x10	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
2-1/2x2x10	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
2-1/2x2x10	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
2-1/2x2x12	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
2-1/2x2x12	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
2-1/2x2x12	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
2-1/2x2x12	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
2-1/2x2x12	25	4	1770	230/460	284T	30	0.83	0.941	330	150

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Terminal diagram, motor data Wilo-CronoNorm-NL

### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
3x2-1/2x5	1	4	1725	208-230/460	56	2	0.75	0.74	27	12
3x2-1/2x5	1	4	1765	230/460	143T	1.5	0.7	0.875	36	16
3x2-1/2x5	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
3x2-1/2x5	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
3x2-1/2x5	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
3x2-1/2x5	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
3x2-1/2x6	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
3x2-1/2x6	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
3x2-1/2x6	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
3x2-1/2x6	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
3x2-1/2x6	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
3x2-1/2x6	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
3x2-1/2x6	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
3x2-1/2x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
3x2-1/2x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
3x2-1/2x8	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
3x2-1/2x8	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
3x2-1/2x8	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
3x2-1/2x10	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
3x2-1/2x10	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
3x2-1/2x10	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
3x2-1/2x12	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
3x2-1/2x12	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
3x2-1/2x12	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
3x2-1/2x12	25	4	1770	230/460	284T	30	0.83	0.941	330	150
3x2-1/2x12	30	4	1770	230/460	286T	35	0.85	0.941	372	169
4x3x6	2	4	1750	208-230/460	145T	3.15	0.71	0.84	42	19
4x3x6	2	4	1725	208-230/460	56H	3.2	0.71	0.785	37	17
4x3x6	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
4x3x6	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
4x3x6	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
4x3x6	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
4x3x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
4x3x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
4x3x8	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
4x3x8	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
4x3x8	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
4x3x8	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
4x3x8	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
4x3x10	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50

### Terminal diagram, motor data Wilo-CronoNorm-NL

#### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
4x3x10	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
4x3x10	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
4x3x10	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
4x3x12	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
4x3x12	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
4x3x12	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
4x3x12	25	4	1770	230/460	284T	30	0.83	0.941	330	150
4x3x12	30	4	1770	230/460	286T	35	0.85	0.941	372	169
4x3x12	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
5x3x16	25	4	1770	230/460	284T	30	0.83	0.941	330	150
5x3x16	30	4	1770	230/460	286T	35	0.85	0.941	372	169
5x3x16	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
5x3x16	50	4	1775	230/460	326T	57	0.87	0.95	472	214
5x3x16	60	4	1775	230/460	364T	68	0.87	0.95	698	317
5x3x16	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
5x4x6	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
5x4x6	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
5x4x6	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
5x4x6	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
5x4x6	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
5x4x10	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
5x4x10	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
5x4x10	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
5x4x10	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
5x4x10	25	4	1770	230/460	284T	30	0.83	0.941	330	150
5x4x12	30	4	1770	230/460	286T	35	0.85	0.941	372	169
5x4x12	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
5x4x12	50	4	1775	230/460	326T	57	0.87	0.95	472	214
5x4x12	60	4	1775	230/460	364T	68	0.87	0.95	698	317
5x4x12	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
5x4x12	75	4	1780	230/460	365T	86	0.86	0.954	808	367
5x4x12	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
5x4x12	100	4	1775	230/460	404T	119	0.84	0.941	797	362
5x4x12	100	4	1775	230/460	405TS	119	0.84	0.941	578	262
5x4x8	3	4	1750	208-230/460	145T	4.1	0.8	0.865	58	26
5x4x8	3	4	1725	208-230/460	182T	4	0.8	0.865	59	27
5x4x8	5	4	1740	208-230/460	215	7	0.81	0.825	69	31
5x4x8	5	4	1750	208-230/460	184T	6.9	0.78	0.875	70	32
5x4x8	10	4	1765	208-230/460	215T	13.4	0.78	0.895	110	50
5x4x8	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85



# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Terminal diagram, motor data Wilo-CronoNorm-NL

### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
5x4x8	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
5x4x16	30	4	1770	230/460	286T	35	0.85	0.941	372	169
5x4x16	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
5x4x16	50	4	1775	230/460	326T	57	0.87	0.95	472	214
5x4x16	60	4	1775	230/460	364T	68	0.87	0.95	698	317
5x4x16	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
5x4x16	75	4	1780	230/460	365T	86	0.86	0.954	808	367
5x4x16	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
5x4x16	100	4	1775	230/460	404T	119	0.84	0.941	797	362
5x4x16	100	4	1775	230/460	405TS	119	0.84	0.941	578	262
6x5x8	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
6x5x8	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
6x5x8	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
6x5x8	25	4	1770	230/460	284T	30	0.83	0.941	330	150
6x5x8	30	4	1770	230/460	286T	35	0.85	0.941	372	169
6x5x8	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
6x5x10	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
6x5x10	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
6x5x10	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
6x5x10	25	4	1770	230/460	284T	30	0.83	0.941	330	150
6x5x10	30	4	1770	230/460	286T	35	0.85	0.941	372	169
6x5x10	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
6x5x12	30	4	1770	230/460	286T	35	0.85	0.941	372	169
6x5x12	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
6x5x12	50	4	1775	230/460	326T	57	0.87	0.95	472	214
6x5x12	60	4	1775	230/460	364T	68	0.87	0.95	698	317
6x5x12	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
6x5x12	75	4	1780	230/460	365T	86	0.86	0.954	808	367
6x5x12	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
6x5x16	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
6x5x16	50	4	1775	230/460	326T	57	0.87	0.95	472	214
6x5x16	60	4	1775	230/460	364T	68	0.87	0.95	698	317
6x5x16	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
6x5x16	75	4	1780	230/460	365T	86	0.86	0.954	808	367
6x5x16	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
6x5x16	100	4	1775	230/460	404T	119	0.84	0.941	797	362
6x5x16	100	4	1775	230/460	405TS	119	0.84	0.941	578	262
6x5x16	125	4	1775	460	405T	143	0.86	0.954	1238	562
6x5x16	125	4	1775	460	405TS	146	0.85	0.945	725	329
6x5x16	150	4	1780	460	444T	170	0.86	0.958	1405	637

### Terminal diagram, motor data Wilo-CronoNorm-NL

#### Motor data - 4 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
6x5x16	150	4	1780	460	444TS	173	0.85	0.95	1386	629
8x6x8	15	4	1760	208-230/460	254T	19	0.81	0.91	187	85
8x6x8	15	4	1765	230/460	256T	17.7	0.853	0.93	257	117
8x6x8	20	4	1765	230/460	256T	23.5	0.86	0.93	237	108
8x6x8	25	4	1770	230/460	284T	30	0.83	0.941	330	150
8x6x8	30	4	1770	230/460	286T	35	0.85	0.941	372	169
8x6x8	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
8x6x10	30	4	1770	230/460	286T	35	0.85	0.941	372	169
8x6x10	40	4	1770	208-230/460	324T	49	0.82	0.93	354	161
8x6x10	50	4	1775	230/460	326T	57	0.87	0.95	472	214
8x6x10	60	4	1775	230/460	364T	68	0.87	0.95	698	317
8x6x10	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
8x6x10	75	4	1780	230/460	365T	86	0.86	0.954	808	367
8x6x10	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
8x6x12	50	4	1775	230/460	326T	57	0.87	0.95	472	214
8x6x12	60	4	1775	230/460	364T	68	0.87	0.95	698	317
8x6x12	60	4	1770	230/460	364TS	72	0.83	0.936	479	217
8x6x12	75	4	1780	230/460	365T	86	0.86	0.954	808	367
8x6x12	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
8x6x12	100	4	1775	230/460	404T	119	0.84	0.941	797	362
8x6x12	100	4	1775	230/460	405TS	119	0.84	0.941	578	262
8x6x12	125	4	1775	460	405T	143	0.86	0.954	1238	562
8x6x12	125	4	1775	460	405TS	146	0.85	0.945	725	329
8x6x16	75	4	1780	230/460	365T	86	0.86	0.954	808	367
8x6x16	75	4	1770	230/460	365TS	87	0.86	0.941	557	253
8x6x16	100	4	1775	230/460	404T	119	0.84	0.941	797	362
8x6x16	100	4	1775	230/460	405TS	119	0.84	0.941	578	262
8x6x16	125	4	1775	460	405T	143	0.86	0.954	1238	562
8x6x16	125	4	1775	460	405TS	146	0.85	0.945	725	329
8x6x16	150	4	1780	460	444T	170	0.86	0.958	1405	637
8x6x16	150	4	1780	460	444TS	173	0.85	0.95	1386	629
8x6x16	200	4	1780	460	445T	226	0.87	0.958	1496	679

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Terminal diagram, motor data Wilo-CronoNorm-NL

### Motor data - 2 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
2x1-1/4x5	1	2	3450	230/460	56	1.4	0.83	0.84	32	15
2x1-1/4x5	2	2	3450	208-230/460	56	2.9	0.8	0.8	32	15
2x1-1/4x5	2	2	3450	208-230/460	143T	2.5	0.9	0.865	37	17
2x1-1/4x5	2	2	3450	208-230/460	145T	2.6	0.87	0.84	38	17
2x1-1/4x5	3	2	3450	208-230/460	56H	4	0.87	0.8	40	18
2x1-1/4x5	3	2	3450	230/460	145T	3.7	0.89	0.875	52	24
2x1-1/4x5	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2x1-1/4x5	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2x1-1/4x6	3	2	3450	208-230/460	56H	4	0.87	0.8	40	18
2x1-1/4x6	3	2	3450	230/460	145T	3.7	0.89	0.875	52	24
2x1-1/4x6	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2x1-1/4x6	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2x1-1/4x6	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2x1-1/4x6B	3	2	3450	208-230/460	56H	4	0.87	0.8	40	18
2x1-1/4x6B	3	2	3450	230/460	145T	3.7	0.89	0.875	52	24
2x1-1/4x6B	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2x1-1/4x6B	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2x1-1/4x6B	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2x1-1/4x6B	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2x1-1/4x8	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2x1-1/4x8	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2x1-1/4x8	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2x1-1/4x8	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2x1-1/4x8	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2x1-1/4x8B	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2x1-1/4x8B	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2x1-1/4x8B	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2x1-1/4x8B	25	2	3525	230/460	256T	28	0.91	0.93	242	110
2-1/2x1-1/2x5	2	2	3450	208-230/460	56	2.9	0.8	0.8	32	15
2-1/2x1-1/2x5	2	2	3450	208-230/460	143T	2.5	0.9	0.865	37	17
2-1/2x1-1/2x5	2	2	3450	208-230/460	145T	2.6	0.87	0.84	38	17
2-1/2x1-1/2x5	3	2	3450	208-230/460	56H	4	0.87	0.8	40	18
2-1/2x1-1/2x5	3	2	3450	230/460	145T	3.7	0.89	0.875	52	24
2-1/2x1-1/2x5	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2-1/2x1-1/2x5	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2-1/2x1-1/2x6	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2-1/2x1-1/2x6	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2-1/2x1-1/2x6	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2-1/2x1-1/2x6	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2-1/2x1-1/2x6	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2-1/2x1-1/2x6	25	2	3525	230/460	256T	28	0.91	0.93	242	110

### Terminal diagram, motor data Wilo-CronoNorm-NL

#### Motor data - 2 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
2-1/2x1-1/2x8	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2-1/2x1-1/2x8	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2-1/2x1-1/2x8	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2-1/2x1-1/2x8	25	2	3525	230/460	256T	28	0.91	0.93	242	110
2-1/2x1-1/2x8	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
2-1/2x1-1/2x8	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
2-1/2x2x5	3	2	3450	208-230/460	56H	4	0.87	0.8	40	18
2-1/2x2x5	3	2	3450	230/460	145T	3.7	0.89	0.875	52	24
2-1/2x2x5	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
2-1/2x2x5	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
2-1/2x2x5	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2-1/2x2x5	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2-1/2x2x6	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
2-1/2x2x6	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2-1/2x2x6	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2-1/2x2x6	25	2	3525	230/460	256T	28	0.91	0.93	242	110
2-1/2x2x6	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
2-1/2x2x8	15	2	3525	230/460	215T	17	0.92	0.917	147	67
2-1/2x2x8	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
2-1/2x2x8	25	2	3525	230/460	256T	28	0.91	0.93	242	110
2-1/2x2x8	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
2-1/2x2x8	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
2-1/2x2x8	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
3x2-1/2x5	5	2	3450	208-230/460	213	6	0.92	0.84	64	29
3x2-1/2x5	5	2	3490	230/460	182T	5.6	0.93	0.91	76	34
3x2-1/2x5	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
3x2-1/2x5	15	2	3525	230/460	215T	17	0.92	0.917	147	67
3x2-1/2x5	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
3x2-1/2x6	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
3x2-1/2x6	15	2	3525	230/460	215T	17	0.92	0.917	147	67
3x2-1/2x6	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
3x2-1/2x6	25	2	3525	230/460	256T	28	0.91	0.93	242	110
3x2-1/2x6	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
3x2-1/2x6	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
3x2-1/2x8	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
3x2-1/2x8	25	2	3525	230/460	256T	28	0.91	0.93	242	110
3x2-1/2x8	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
3x2-1/2x8	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
3x2-1/2x8	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
3x2-1/2x8	60	2	3540	230/460	326TS	65	0.92	0.945	463	210

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Terminal diagram, motor data Wilo-CronoNorm-NL

### Motor data - 2 pole motors

Wilo-CronoNorm-NL...	Nominal motor power	Number of poles	Nominal speed	Rated voltage	Motor housing	Nominal current	Power factor	Efficiency	Weight Motor	
	P <sub>2</sub>	–	n	U	–	I <sub>N</sub>	cos φ	η <sub>M</sub>	M	
	[hp]	–	[rpm]	[V]	–	[A]	–	–	[lbs]	[kg]
4x3x6	10	2	3500	230/460	213T	11.5	0.9	0.917	130	59
4x3x6	15	2	3525	230/460	215T	17	0.92	0.917	147	67
4x3x6	20	2	3510	230/460	254T	22.5	0.9	0.924	206	93
4x3x6	25	2	3525	230/460	256T	28	0.91	0.93	242	110
4x3x6	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
4x3x6	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
4x3x6	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
4x3x6	60	2	3540	230/460	326TS	65	0.92	0.945	463	210
4x3x8	25	2	3525	230/460	256T	28	0.91	0.93	242	110
4x3x8	30	2	3530	230/460	284TS	34	0.89	0.936	323	147
4x3x8	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
4x3x8	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
4x3x8	60	2	3540	230/460	326TS	65	0.92	0.945	463	210
4x3x8	75	2	3540	230/460	364TS	82	0.91	0.945	737	334
4x3x8	100	2	3540	230/460	365TS	109	0.91	0.945	810	367
5x4x6	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
5x4x6	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
5x4x6	60	2	3540	230/460	326TS	65	0.92	0.945	463	210
5x4x6	75	2	3540	230/460	364TS	82	0.91	0.945	737	334
5x4x6	100	2	3540	230/460	365TS	109	0.91	0.945	810	367
5x4x8	40	2	3540	230/460	286TS	45	0.88	0.941	378	171
5x4x8	50	2	3540	230/460	324TS	54	0.91	0.945	447	203
5x4x8	60	2	3540	230/460	326TS	65	0.92	0.945	463	210
5x4x8	75	2	3540	230/460	364TS	82	0.91	0.945	737	334
5x4x8	100	2	3540	230/460	365TS	109	0.91	0.945	810	367
5x4x8	125	2	3560	460	404TS	138	0.89	0.958	1074	487

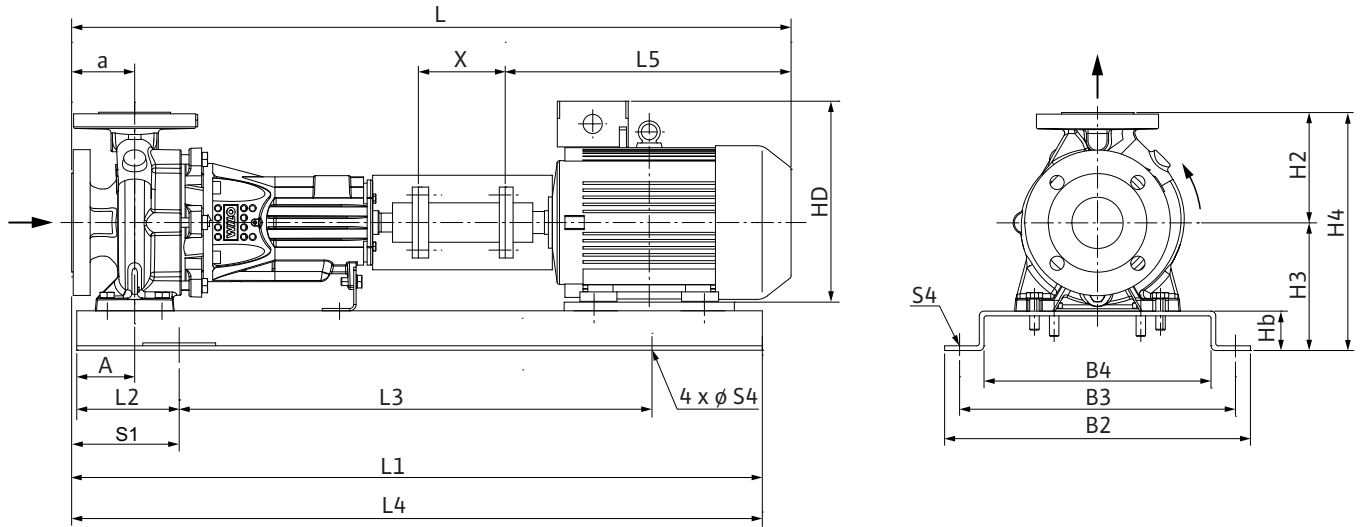
# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)



## Dimensions, weights Wilo-CronoNorm-NL

### Dimension drawing



# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions									
	DN S	DN D				–		a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
	[inch]		[hp]	–		[in.]									
2x1-1/4x6	2	1 1/4	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2x1-1/4x6	2	1 1/4	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x6B	2	1 1/4	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2x1-1/4x6B	2	1 1/4	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x6B	2	1 1/4	2	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x6B	2	1 1/4	2	56H	4	3 1/8	2 5/8	31 13/16	32 13/16	5 7/8	21	33 3/8	14	1/2	
2x1-1/4x8	2	1 1/4	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2x1-1/4x8	2	1 1/4	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8	2	1 1/4	2	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8	2	1 1/4	2	56H	4	3 1/8	2 5/8	31 13/16	32 13/16	5 7/8	21	33 3/8	14	1/2	
2x1-1/4x8	2	1 1/4	3	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8	2	1 1/4	3	182T	4	3 1/8	2 5/8	34 5/16	32 13/16	5 7/8	21	33 3/8	16 1/2	1/2	
2x1-1/4x8B	2	1 1/4	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2x1-1/4x8B	2	1 1/4	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8B	2	1 1/4	2	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8B	2	1 1/4	2	56H	4	3 1/8	2 5/8	31 13/16	32 13/16	5 7/8	21	33 3/8	14	1/2	
2x1-1/4x8B	2	1 1/4	3	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2x1-1/4x8B	2	1 1/4	3	182T	4	3 1/8	2 5/8	34 5/16	32 13/16	5 7/8	21	33 3/8	16 1/2	1/2	
2x1-1/4x10	2	1 1/4	2	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2x1-1/4x10	2	1 1/4	2	56H	4	3 5/16	3 1/16	32 5/8	33 3/8	5 7/8	21 9/16	34 3/16	14	1/2	
2x1-1/4x10	2	1 1/4	3	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2x1-1/4x10	2	1 1/4	3	182T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	
2x1-1/4x10	2	1 1/4	5	215	4	3 5/16	3 1/16	35 1/4	33 3/8	5 7/8	21 9/16	34 3/16	16 5/8	1/2	
2x1-1/4x10	2	1 1/4	5	184T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	
2-1/2x1-1/2x5	2	1 1/2	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2-1/2x1-1/2x5	2	1 1/2	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2-1/2x1-1/2x6	2	1 1/2	1	56	4	3 1/8	2 5/8	30 1/16	32 13/16	5 7/8	21	33 3/8	12 1/4	1/2	
2-1/2x1-1/2x6	2	1 1/2	1	143T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2-1/2x1-1/2x6	2	1 1/2	2	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2-1/2x1-1/2x6	2	1 1/2	2	56H	4	3 1/8	2 5/8	31 13/16	32 13/16	5 7/8	21	33 3/8	14	1/2	
2-1/2x1-1/2x6	2	1 1/2	3	145T	4	3 1/8	2 5/8	32 3/16	32 13/16	5 7/8	21	33 3/8	14 3/8	1/2	
2-1/2x1-1/2x6	2	1 1/2	3	182T	4	3 1/8	2 5/8	34 5/16	32 13/16	5 7/8	21	33 3/8	16 1/2	1/2	
2-1/2x1-1/2x6	2	1 1/2	5	215	4	3 1/8	2 5/8	34 7/16	32 13/16	5 7/8	21	33 3/8	16 5/8	1/2	
2-1/2x1-1/2x6	2	1 1/2	5	184T	4	3 1/8	2 5/8	34 5/16	32 13/16	5 7/8	21	33 3/8	16 1/2	1/2	
2-1/2x1-1/2x8	2	1 1/2	2	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2-1/2x1-1/2x8	2	1 1/2	2	56H	4	3 5/16	3 1/16	32 5/8	33 3/8	5 7/8	21 9/16	34 3/16	14	1/2	
2-1/2x1-1/2x8	2	1 1/2	3	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2-1/2x1-1/2x8	2	1 1/2	3	182T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	
2-1/2x1-1/2x8	2	1 1/2	5	215	4	3 5/16	3 1/16	35 1/4	33 3/8	5 7/8	21 9/16	34 3/16	16 5/8	1/2	
2-1/2x1-1/2x8	2	1 1/2	5	184T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	
2-1/2x1-1/2x10	2	1 1/2	2	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2-1/2x1-1/2x10	2	1 1/2	2	56H	4	3 5/16	3 1/16	32 5/8	33 3/8	5 7/8	21 9/16	34 3/16	14	1/2	
2-1/2x1-1/2x10	2	1 1/2	3	145T	4	3 5/16	3 1/16	33	33 3/8	5 7/8	21 9/16	34 3/16	14 3/8	1/2	
2-1/2x1-1/2x10	2	1 1/2	3	182T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	
2-1/2x1-1/2x10	2	1 1/2	5	215	4	3 5/16	3 1/16	35 1/4	33 3/8	5 7/8	21 9/16	34 3/16	16 5/8	1/2	
2-1/2x1-1/2x10	2	1 1/2	5	184T	4	3 5/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2	

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.		
	DN S	DN D		P <sub>2</sub>	B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1		S4	M
	[inch]			[hp]	[in.]										[lbs]	
2x1-1/4x6	2	1 1/4	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 3/8	6 7/16	7/8	211		
2x1-1/4x6	2	1 1/4	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	231		
2x1-1/4x6B	2	1 1/4	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 3/8	6 7/16	7/8	211		
2x1-1/4x6B	2	1 1/4	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	231		
2x1-1/4x6B	2	1 1/4	2	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	255		
2x1-1/4x6B	2	1 1/4	2	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	233		
2x1-1/4x8	2	1 1/4	1	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 3/8	6 7/16	7/8	213		
2x1-1/4x8	2	1 1/4	1	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	233		
2x1-1/4x8	2	1 1/4	2	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	257		
2x1-1/4x8	2	1 1/4	2	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	235		
2x1-1/4x8	2	1 1/4	3	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	282		
2x1-1/4x8	2	1 1/4	3	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	8 5/16	6 7/16	7/8	306		
2x1-1/4x8B	2	1 1/4	1	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 3/8	6 7/16	7/8	213		
2x1-1/4x8B	2	1 1/4	1	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	233		
2x1-1/4x8B	2	1 1/4	2	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	257		
2x1-1/4x8B	2	1 1/4	2	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	235		
2x1-1/4x8B	2	1 1/4	3	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 7/16	7/8	282		
2x1-1/4x8B	2	1 1/4	3	14 7/8	13 1/8	10 15/16	7 1/16	8 11/16	15 3/4	2 3/8	8 5/16	6 7/16	7/8	306		
2x1-1/4x10	2	1 1/4	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	300		
2x1-1/4x10	2	1 1/4	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	278		
2x1-1/4x10	2	1 1/4	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	324		
2x1-1/4x10	2	1 1/4	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 5/16	6 3/4	7/8	348		
2x1-1/4x10	2	1 1/4	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	9 3/16	6 3/4	7/8	348		
2x1-1/4x10	2	1 1/4	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 7/16	6 3/4	7/8	383		
2-1/2x1-1/2x5	2	1 1/2	1	14 7/8	13 1/8	10 15/16	5 1/2	6 3/4	12 5/16	2 3/8	6 3/8	6 7/16	7/8	200		
2-1/2x1-1/2x5	2	1 1/2	1	14 7/8	13 1/8	10 15/16	5 1/2	6 3/4	12 5/16	2 3/8	6 13/16	6 7/16	7/8	220		
2-1/2x1-1/2x6	2	1 1/2	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 3/8	6 7/16	7/8	204		
2-1/2x1-1/2x6	2	1 1/2	1	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	224		
2-1/2x1-1/2x6	2	1 1/2	2	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	249		
2-1/2x1-1/2x6	2	1 1/2	2	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	227		
2-1/2x1-1/2x6	2	1 1/2	3	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	6 7/16	7/8	273		
2-1/2x1-1/2x6	2	1 1/2	3	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	8 5/16	6 7/16	7/8	297		
2-1/2x1-1/2x6	2	1 1/2	5	14 7/8	13 1/8	10 15/16	6 5/16	7 5/8	13 15/16	2 3/8	9 3/16	6 7/16	7/8	297		
2-1/2x1-1/2x6	2	1 1/2	5	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	8 7/16	6 7/16	7/8	332		
2-1/2x1-1/2x8	2	1 1/2	2	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 3/4	7/8	278		
2-1/2x1-1/2x8	2	1 1/2	2	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 3/4	7/8	256		
2-1/2x1-1/2x8	2	1 1/2	3	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	6 13/16	6 3/4	7/8	302		
2-1/2x1-1/2x8	2	1 1/2	3	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	8 5/16	6 3/4	7/8	326		
2-1/2x1-1/2x8	2	1 1/2	5	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	9 3/16	6 3/4	7/8	326		
2-1/2x1-1/2x8	2	1 1/2	5	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	8 7/16	6 3/4	7/8	361		
2-1/2x1-1/2x10	2	1 1/2	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	300		
2-1/2x1-1/2x10	2	1 1/2	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	278		
2-1/2x1-1/2x10	2	1 1/2	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	6 3/4	7/8	324		
2-1/2x1-1/2x10	2	1 1/2	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 5/16	6 3/4	7/8	348		
2-1/2x1-1/2x10	2	1 1/2	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	9 3/16	6 3/4	7/8	348		
2-1/2x1-1/2x10	2	1 1/2	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 7/16	6 3/4	7/8	383		

- Dimensions are subject to change
- Not to be used for construction purposes unless certified



# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>	-	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X	
	[inch]		[hp]	-	[in.]									
2-1/2x1-1/2x12	2	1 1/2	3	145T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	38 <sup>5</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	3	182T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>7</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	5	215	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>9</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	5	184T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>7</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	10	215T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	15	254T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
2-1/2x1-1/2x12	2	1 1/2	15	256T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
2-1/2x2x5	2 1/2	2	1	56	4	3 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	30 <sup>7</sup> / <sub>8</sub>	32 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	21	34 <sup>3</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>4</sub>	1/2
2-1/2x2x5	2 1/2	2	1	143T	4	3 <sup>15</sup> / <sub>16</sub>	2 <sup>5</sup> / <sub>8</sub>	33	32 <sup>13</sup> / <sub>16</sub>	5 <sup>7</sup> / <sub>8</sub>	21	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x6	2 1/2	2	1	56	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	30 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>4</sub>	1/2
2-1/2x2x6	2 1/2	2	1	143T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x6	2 1/2	2	2	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x6	2 1/2	2	2	56H	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	32 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14	1/2
2-1/2x2x6	2 1/2	2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x6	2 1/2	2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x2x6	2 1/2	2	5	215	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
2-1/2x2x6	2 1/2	2	5	184T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
2-1/2x2x8	2 1/2	2	2	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x8	2 1/2	2	2	56H	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	32 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14	1/2
2-1/2x2x8	2 1/2	2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x8	2 1/2	2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x2x8	2 1/2	2	5	215	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
2-1/2x2x8	2 1/2	2	5	184T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x2x10	2 1/2	2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
2-1/2x2x10	2 1/2	2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x2x10	2 1/2	2	5	215	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
2-1/2x2x10	2 1/2	2	5	184T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
2-1/2x2x10	2 1/2	2	10	215T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	37 <sup>9</sup> / <sub>16</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1/2
2-1/2x2x12	2 1/2	2	10	215T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1/2
2-1/2x2x12	2 1/2	2	15	254T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
2-1/2x2x12	2 1/2	2	15	256T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
2-1/2x2x12	2 1/2	2	20	256T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
2-1/2x2x12	2 1/2	2	25	284T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>3</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1/2
3x2-1/2x5	3	2 1/2	1	56	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	30 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	12 <sup>1</sup> / <sub>4</sub>	1/2
3x2-1/2x5	3	2 1/2	1	143T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x5	3	2 1/2	2	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x5	3	2 1/2	2	56H	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	32 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14	1/2
3x2-1/2x5	3	2 1/2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x5	3	2 1/2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
3x2-1/2x6	3	2 1/2	2	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x6	3	2 1/2	2	56H	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	32 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14	1/2
3x2-1/2x6	3	2 1/2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x6	3	2 1/2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
3x2-1/2x6	3	2 1/2	5	215	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
3x2-1/2x6	3	2 1/2	5	184T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
3x2-1/2x6	3	2 1/2	15	256T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	41 <sup>13</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	45 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1/2
3x2-1/2x8	3	2 1/2	3	145T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	33	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1/2
3x2-1/2x8	3	2 1/2	3	182T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
3x2-1/2x8	3	2 1/2	5	215	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>4</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1/2
3x2-1/2x8	3	2 1/2	5	184T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	35 <sup>1</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1/2
3x2-1/2x8	3	2 1/2	10	215T	4	3 <sup>15</sup> / <sub>16</sub>	3 <sup>1</sup> / <sub>16</sub>	37 <sup>9</sup> / <sub>16</sub>	33 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>	21 <sup>9</sup> / <sub>16</sub>	34 <sup>3</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1/2

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)



### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.		
	DN S	DN D		P <sub>2</sub>	B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1		S4	M
	[inch]			[hp]	[in.]										[lbs]	
2-1/2x1-1/2x12	2	1 1/2	3	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	6 <sup>13</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	413		
2-1/2x1-1/2x12	2	1 1/2	3	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	8 <sup>15</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	438		
2-1/2x1-1/2x12	2	1 1/2	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	438		
2-1/2x1-1/2x12	2	1 1/2	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	473		
2-1/2x1-1/2x12	2	1 1/2	10	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	10	9	5 <sup>5</sup> / <sub>8</sub>	612		
2-1/2x1-1/2x12	2	1 1/2	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	12	9	5 <sup>5</sup> / <sub>8</sub>	801		
2-1/2x1-1/2x12	2	1 1/2	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	9 <sup>13</sup> / <sub>16</sub>	13 <sup>3</sup> / <sub>8</sub>	22 <sup>15</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	852		
2-1/2x2x5	2 1/2	2	1	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	204		
2-1/2x2x5	2 1/2	2	1	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	224		
2-1/2x2x6	2 1/2	2	1	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	233		
2-1/2x2x6	2 1/2	2	1	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	253		
2-1/2x2x6	2 1/2	2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	278		
2-1/2x2x6	2 1/2	2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	256		
2-1/2x2x6	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	302		
2-1/2x2x6	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	326		
2-1/2x2x6	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	326		
2-1/2x2x6	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	361		
2-1/2x2x8	2 1/2	2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	286		
2-1/2x2x8	2 1/2	2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	264		
2-1/2x2x8	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	311		
2-1/2x2x8	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	335		
2-1/2x2x8	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	335		
2-1/2x2x8	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	370		
2-1/2x2x10	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	333		
2-1/2x2x10	2 1/2	2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	357		
2-1/2x2x10	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	357		
2-1/2x2x10	2 1/2	2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	392		
2-1/2x2x10	2 1/2	2	10	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	531		
2-1/2x2x12	2 1/2	2	10	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	10	9	5 <sup>5</sup> / <sub>8</sub>	645		
2-1/2x2x12	2 1/2	2	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	9	5 <sup>5</sup> / <sub>8</sub>	835		
2-1/2x2x12	2 1/2	2	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	885		
2-1/2x2x12	2 1/2	2	20	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	9	5 <sup>5</sup> / <sub>8</sub>	841		
2-1/2x2x12	2 1/2	2	25	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	13 <sup>3</sup> / <sub>8</sub>	24 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	1046		
3x2-1/2x5	3	2 1/2	1	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>8</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	227		
3x2-1/2x5	3	2 1/2	1	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	247		
3x2-1/2x5	3	2 1/2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	271		
3x2-1/2x5	3	2 1/2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	249		
3x2-1/2x5	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	295		
3x2-1/2x5	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	319		
3x2-1/2x6	3	2 1/2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	284		
3x2-1/2x6	3	2 1/2	2	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	262		
3x2-1/2x6	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	308		
3x2-1/2x6	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	333		
3x2-1/2x6	3	2 1/2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	333		
3x2-1/2x6	3	2 1/2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>7</sup> / <sub>8</sub>	8 <sup>11</sup> / <sub>16</sub>	16 <sup>9</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	368		
3x2-1/2x6	3	2 1/2	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>7</sup> / <sub>8</sub>	10 <sup>9</sup> / <sub>16</sub>	18 <sup>7</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	777		
3x2-1/2x8	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	322		
3x2-1/2x8	3	2 1/2	3	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>15</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	346		
3x2-1/2x8	3	2 1/2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	346		
3x2-1/2x8	3	2 1/2	5	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	381		
3x2-1/2x8	3	2 1/2	10	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	8 <sup>7</sup> / <sub>8</sub>	9 <sup>7</sup> / <sub>16</sub>	18 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>3</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	520		

- Dimensions are subject to change
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# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>			a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X
	[inch]		[hp]			[In.]								
3x2-1/2x10	3	2 1/2	5	215	4	3 15/16	3 3/4	39 9/16	45 1/4	7 7/8	29 1/2	45 7/16	16 5/8	1/2
3x2-1/2x10	3	2 1/2	5	184T	4	3 15/16	3 3/4	39 7/16	45 1/4	7 7/8	29 1/2	45 7/16	16 1/2	1/2
3x2-1/2x10	3	2 1/2	10	215T	4	3 15/16	3 3/4	41 7/8	45 1/4	7 7/8	29 1/2	45 7/16	18 15/16	1/2
3x2-1/2x12	3	2 1/2	15	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
3x2-1/2x12	3	2 1/2	15	254T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
3x2-1/2x12	3	2 1/2	20	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
3x2-1/2x12	3	2 1/2	25	284T	4	4 15/16	3 3/4	50 3/8	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
3x2-1/2x12	3	2 1/2	30	286T	4	4 15/16	3 3/4	50 3/8	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
4x3x6	4	3	2	145T	4	4 15/16	3 1/16	34	33 3/8	5 7/8	21 3/16	35 3/16	14 3/8	1/2
4x3x6	4	3	2	56H	4	4 15/16	3 1/16	33 5/8	33 3/8	5 7/8	21 9/16	35 3/16	14	1/2
4x3x6	4	3	3	145T	4	4 15/16	3 1/16	34	33 3/8	5 7/8	21 9/16	35 3/16	14 3/8	1/2
4x3x6	4	3	3	182T	4	4 15/16	3 1/16	36 1/8	33 3/8	5 7/8	21 9/16	35 3/16	16 1/2	1/2
4x3x6	4	3	5	215	4	4 15/16	3 1/16	36 3/16	33 3/8	5 7/8	21 9/16	35 3/16	16 5/8	1/2
4x3x6	4	3	5	184T	4	4 15/16	3 1/16	36 1/8	33 3/8	5 7/8	21 9/16	35 3/16	16 1/2	1/2
4x3x8	4	3	3	145T	4	4 15/16	3 3/4	38 5/16	45 1/4	7 7/8	29 1/2	46 7/16	14 3/8	1/2
4x3x8	4	3	3	182T	4	4 15/16	3 3/4	40 7/16	45 1/4	7 7/8	29 1/2	46 7/16	16 1/2	1/2
4x3x8	4	3	5	215	4	4 15/16	3 3/4	40 9/16	45 1/4	7 7/8	29 1/2	46 7/16	16 5/8	1/2
4x3x8	4	3	5	184T	4	4 15/16	3 3/4	40 7/16	45 1/4	7 7/8	29 1/2	46 7/16	16 1/2	1/2
4x3x8	4	3	10	215T	4	4 15/16	3 3/4	42 7/8	45 1/4	7 7/8	29 1/2	46 7/16	18 15/16	1/2
4x3x8	4	3	15	254T	4	4 15/16	3 3/4	47 1/8	45 1/4	7 7/8	29 1/2	46 7/16	23 3/16	1/2
4x3x8	4	3	15	256T	4	4 15/16	3 3/4	47 1/8	45 1/4	7 7/8	29 1/2	46 7/16	23 3/16	1/2
4x3x10	4	3	10	215T	4	4 15/16	3 3/4	42 7/8	51 7/16	9 13/16	31 3/4	52 5/8	18 15/16	1/2
4x3x10	4	3	15	254T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x10	4	3	15	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x10	4	3	20	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x12	4	3	15	254T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x12	4	3	15	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x12	4	3	20	256T	4	4 15/16	3 3/4	47 1/8	51 7/16	9 13/16	31 3/4	52 5/8	23 3/16	1/2
4x3x12	4	3	25	284T	4	4 15/16	3 3/4	50 3/8	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
4x3x12	4	3	30	286T	4	4 15/16	3 3/4	50 3/8	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
4x3x12	4	3	40	324T	4	4 15/16	3 3/4	53 3/8	51 7/16	9 13/16	31 3/4	52 5/8	29 7/16	1/2
5x3x16	5	3	25	284T	4	4 15/16	3 3/4	52 3/4	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
5x3x16	5	3	30	286T	4	4 15/16	3 3/4	52 3/4	51 7/16	9 13/16	31 3/4	52 5/8	26 7/16	1/2
5x3x16	5	3	40	324T	4	4 15/16	3 3/4	55 3/4	51 7/16	9 13/16	31 3/4	52 5/8	29 7/16	1/2
5x3x16	5	3	50	326T	4	4 15/16	3 3/4	55 3/4	51 7/16	9 13/16	31 3/4	52 5/8	29 7/16	1/2
5x3x16	5	3	60	364T	4	4 15/16	3 3/4	57	51 7/16	9 13/16	31 3/4	52 5/8	30 11/16	1/2
5x3x16	5	3	60	364TS	4	4 15/16	3 3/4	54 7/8	51 7/16	9 13/16	31 3/4	52 5/8	28 9/16	1/2
5x4x10	5	4	10	215T	4	5 1/2	3 3/4	43 7/16	51 7/16	9 13/16	31 3/4	53 3/16	18 15/16	1/2
5x4x10	5	4	15	254T	4	5 1/2	3 3/4	47 11/16	51 7/16	9 13/16	31 3/4	53 3/16	23 3/16	1/2
5x4x10	5	4	15	256T	4	5 1/2	3 3/4	47 11/16	51 7/16	9 13/16	31 3/4	53 3/16	23 3/16	1/2
5x4x10	5	4	20	256T	4	5 1/2	3 3/4	47 11/16	51 7/16	9 13/16	31 3/4	53 3/16	23 3/16	1/2
5x4x10	5	4	25	284T	4	5 1/2	3 3/4	50 15/16	51 7/16	9 13/16	31 3/4	53 3/16	26 7/16	1/2
5x4x12	5	4	30	286T	4	5 1/2	3 3/4	50 15/16	51 7/16	9 13/16	31 3/4	53 3/16	26 7/16	1/2
5x4x12	5	4	40	324T	4	5 1/2	3 3/4	53 15/16	51 7/16	9 13/16	31 3/4	53 3/16	29 7/16	1/2
5x4x12	5	4	50	326T	4	5 1/2	3 3/4	53 15/16	51 7/16	9 13/16	31 3/4	53 3/16	29 7/16	1/2
5x4x12	5	4	60	364T	4	5 1/2	3 3/4	55 3/16	51 7/16	9 13/16	31 3/4	53 3/16	30 11/16	1/2
5x4x12	5	4	60	364TS	4	5 1/2	3 3/4	53 1/16	51 7/16	9 13/16	31 3/4	53 3/16	28 9/16	1/2
5x4x12	5	4	75	365T	4	5 1/2	3 3/4	58 1/4	51 7/16	9 13/16	31 3/4	53 3/16	33 3/4	1/2
5x4x12	5	4	75	365TS	4	5 1/2	3 3/4	53 1/16	51 7/16	9 13/16	31 3/4	53 3/16	28 9/16	1/2
5x4x12	5	4	100	404T	4	5 1/2	4 9/16	62 1/2	55 7/8	9 13/16	36 1/4	56 7/8	38	1/2
5x4x12	5	4	100	405TS	4	5 1/2	4 9/16	59 7/8	55 7/8	9 13/16	36 1/4	56 7/8	34 5/8	1/2

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)



## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.
	DN S	DN D		P <sub>2</sub>	B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	
	[inch]		[hp]	[in.]										[lbs]
3x2-1/2x10	3	2 1/2	5	16 3/16	14 3/4	13	9 13/16	12 1/8	21 15/16	4 1/4	9 3/16	8 1/16	5/8	431
3x2-1/2x10	3	2 1/2	5	16 3/16	14 3/4	13	9 13/16	12 1/8	21 15/16	4 1/4	8 7/16	8 1/16	5/8	466
3x2-1/2x10	3	2 1/2	10	16 3/16	14 3/4	13	9 13/16	12 1/8	21 15/16	4 1/4	10	8 1/16	5/8	605
3x2-1/2x12	3	2 1/2	15	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	15 5/8	11	5/8	930
3x2-1/2x12	3	2 1/2	15	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	12	11	5/8	879
3x2-1/2x12	3	2 1/2	20	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	12	11	5/8	886
3x2-1/2x12	3	2 1/2	25	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	13 5/8	11	5/8	1091
3x2-1/2x12	3	2 1/2	30	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	13 5/8	11	5/8	1183
4x3x6	4	3	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	7 3/4	7/8	293
4x3x6	4	3	2	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	7 3/4	7/8	271
4x3x6	4	3	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	6 13/16	7 3/4	7/8	317
4x3x6	4	3	3	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 15/16	7 3/4	7/8	341
4x3x6	4	3	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	9 3/16	7 3/4	7/8	341
4x3x6	4	3	5	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	8 7/16	7 3/4	7/8	377
4x3x8	4	3	3	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	6 13/16	9	5/8	385
4x3x8	4	3	3	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	8 15/16	9	5/8	409
4x3x8	4	3	5	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	9 3/16	9	5/8	409
4x3x8	4	3	5	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	8 7/16	9	5/8	444
4x3x8	4	3	10	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	10	9	5/8	583
4x3x8	4	3	15	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	12	9	5/8	773
4x3x8	4	3	15	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	15 5/8	9	5/8	824
4x3x10	4	3	10	18 15/16	17 1/2	15 3/4	11	12 1/8	23 1/8	4 1/4	10	11	5/8	652
4x3x10	4	3	15	18 15/16	17 1/2	15 3/4	11	12 1/8	23 1/8	4 1/4	12	11	5/8	842
4x3x10	4	3	15	18 15/16	17 1/2	15 3/4	11	12 1/8	23 1/8	4 1/4	15 5/8	11	5/8	892
4x3x10	4	3	20	18 15/16	17 1/2	15 3/4	11	12 1/8	23 1/8	4 1/4	12	11	5/8	848
4x3x12	4	3	15	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	12	11	5/8	886
4x3x12	4	3	15	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	15 5/8	11	5/8	937
4x3x12	4	3	20	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	12	11	5/8	892
4x3x12	4	3	25	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	13 5/8	11	5/8	1097
4x3x12	4	3	30	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	13 5/8	11	5/8	1190
4x3x12	4	3	40	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	15 9/16	11	5/8	1446
5x3x16	5	3	25	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	13 5/8	11	5/8	1203
5x3x16	5	3	30	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	13 5/8	11	5/8	1296
5x3x16	5	3	40	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	15 9/16	11	5/8	1552
5x3x16	5	3	50	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	15 9/16	11	5/8	1624
5x3x16	5	3	60	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	16 9/16	11	5/8	2076
5x3x16	5	3	60	18 15/16	17 1/2	15 3/4	14	15 1/4	29 1/4	4 1/4	16 9/16	11	5/8	1532
5x4x10	5	4	10	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	10	11 9/16	5/8	674
5x4x10	5	4	15	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	12	11 9/16	5/8	864
5x4x10	5	4	15	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	15 5/8	11 9/16	5/8	914
5x4x10	5	4	20	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	12	11 9/16	5/8	870
5x4x10	5	4	25	18 15/16	17 1/2	15 3/4	11	13 1/8	24 1/8	4 1/4	13 5/8	11 9/16	5/8	1075
5x4x12	5	4	30	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	13 5/8	11 9/16	5/8	1210
5x4x12	5	4	40	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	15 9/16	11 9/16	5/8	1466
5x4x12	5	4	50	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	15 9/16	11 9/16	5/8	1538
5x4x12	5	4	60	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	16 9/16	11 9/16	5/8	1990
5x4x12	5	4	60	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	16 9/16	11 9/16	5/8	1446
5x4x12	5	4	75	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	21 3/4	11 9/16	5/8	2171
5x4x12	5	4	75	18 15/16	17 1/2	15 3/4	12 3/8	14 1/8	26 1/2	4 1/4	16 9/16	11 9/16	5/8	1618
5x4x12	5	4	100	22 1/16	20 5/8	17 9/16	12 3/8	14 1/4	26 5/8	4 1/4	18 7/16	10 13/16	5/8	2857
5x4x12	5	4	100	22 1/16	20 5/8	17 9/16	12 3/8	14 1/4	26 5/8	4 1/4	18 7/16	10 13/16	5/8	1676

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>	–	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X	
	[inch]		[hp]	–	[In.]									
5x4x6	5	4	5	215	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>9</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x6	5	4	5	184T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>7</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x6	5	4	10	215T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x6	5	4	15	254T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x6	5	4	15	256T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	3	145T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	38 <sup>5</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	3	182T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>7</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	5	215	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>9</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	5	184T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	40 <sup>7</sup> / <sub>16</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	16 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	10	215T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	42 <sup>7</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	18 <sup>15</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	15	254T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x8	5	4	15	256T	4	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>1</sup> / <sub>8</sub>	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	30	286T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	53 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	40	324T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	50	326T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	60	364T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	57 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	30 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	60	364TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	75	365T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	60 <sup>5</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	75	365TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	100	404T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	64 <sup>7</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	38	1 <sup>1</sup> / <sub>2</sub>
5x4x16	5	4	100	405TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	61 <sup>1</sup> / <sub>2</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	34 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	15	254T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	15	256T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	20	256T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	25	284T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	30	286T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x8	6	5	40	324T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	53 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	15	254T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	15	256T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	20	256T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	47 <sup>11</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	25	284T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	30	286T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x10	6	5	40	324T	4	5 <sup>1</sup> / <sub>2</sub>	3 <sup>3</sup> / <sub>4</sub>	53 <sup>15</sup> / <sub>16</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	53 <sup>3</sup> / <sub>16</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	30	286T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	53 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	40	324T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	50	326T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	60	364T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	57 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	30 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	60	364TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	75	365T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	60 <sup>5</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x12	6	5	75	365TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	S4	
	[inch]			[hp]	[In.]									
5x4x6	5	4	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	449
5x4x6	5	4	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	484
5x4x6	5	4	10	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	10	9	5 <sup>5</sup> / <sub>8</sub>	623
5x4x6	5	4	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	9	5 <sup>5</sup> / <sub>8</sub>	813
5x4x6	5	4	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	863
5x4x8	5	4	3	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	6 <sup>13</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	407
5x4x8	5	4	3	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	8 <sup>15</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	431
5x4x8	5	4	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	9 <sup>3</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	431
5x4x8	5	4	5	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	8 <sup>7</sup> / <sub>16</sub>	9	5 <sup>5</sup> / <sub>8</sub>	466
5x4x8	5	4	10	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	10	9	5 <sup>5</sup> / <sub>8</sub>	605
5x4x8	5	4	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	9	5 <sup>5</sup> / <sub>8</sub>	795
5x4x8	5	4	15	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	846
5x4x16	5	4	30	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1382
5x4x16	5	4	40	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1638
5x4x16	5	4	50	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1711
5x4x16	5	4	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	2163
5x4x16	5	4	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1618
5x4x16	5	4	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	2344
5x4x16	5	4	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1790
5x4x16	5	4	100	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	3018
5x4x16	5	4	100	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1836
6x5x8	6	5	15	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	12	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	897
6x5x8	6	5	15	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	948
6x5x8	6	5	20	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	12	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	903
6x5x8	6	5	25	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1108
6x5x8	6	5	30	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1201
6x5x8	6	5	40	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>8</sub>	14 <sup>1</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1457
6x5x10	6	5	15	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	12	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	901
6x5x10	6	5	15	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	952
6x5x10	6	5	20	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	12	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	908
6x5x10	6	5	25	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1113
6x5x10	6	5	30	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1205
6x5x10	6	5	40	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	14	14 <sup>1</sup> / <sub>8</sub>	28 <sup>1</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1461
6x5x12	6	5	30	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1325
6x5x12	6	5	40	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1581
6x5x12	6	5	50	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1653
6x5x12	6	5	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	2105
6x5x12	6	5	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1561
6x5x12	6	5	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	2286
6x5x12	6	5	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	14	15 <sup>1</sup> / <sub>4</sub>	29 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	1733

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>	–	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X	
	[inch]		[hp]	–	[in.]									
6x5x16	6	5	40	324T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	50	326T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>5</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	60	364T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	57 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	30 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	60	364TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	75	365T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	60 <sup>5</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	75	365TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>16</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	100	404T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	64 <sup>7</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	38	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	100	405TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	61 <sup>1</sup> / <sub>2</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	34 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	125	405T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	61 <sup>3</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	34 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	125	405TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	58	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	150	444T	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	66 <sup>1</sup> / <sub>2</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	65 <sup>7</sup> / <sub>8</sub>	39 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
6x5x16	6	5	150	444TS	4	5 <sup>1</sup> / <sub>2</sub>	4 <sup>9</sup> / <sub>16</sub>	62 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	65 <sup>7</sup> / <sub>8</sub>	33 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	15	254T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	48 <sup>1</sup> / <sub>2</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	15	256T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	48 <sup>1</sup> / <sub>2</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	20	256T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	48 <sup>1</sup> / <sub>2</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	23 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	25	284T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	30	286T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x8	8	6	40	324T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	54 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	30	286T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	51 <sup>3</sup> / <sub>4</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	40	324T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	54 <sup>3</sup> / <sub>4</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	50	326T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	54 <sup>3</sup> / <sub>4</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	60	364T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	56	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	30 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	60	364TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	53 <sup>7</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	75	365T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	59	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x10	8	6	75	365TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	53 <sup>7</sup> / <sub>8</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	57 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	50	326T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	57 <sup>1</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	29 <sup>7</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	60	364T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	58 <sup>3</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	30 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	60	364TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>1</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	75	365T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	61 <sup>3</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	75	365TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>1</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	100	404T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	65 <sup>5</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	38	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	100	405TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	62 <sup>1</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	34 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	125	405T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	62 <sup>1</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	34 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x12	8	6	125	405TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	58 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	75	365T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	61 <sup>3</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	33 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	75	365TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	56 <sup>1</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	100	404T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	65 <sup>5</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	38	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	100	405TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	62 <sup>1</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	34 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	125	405T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	62 <sup>1</sup> / <sub>8</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	34 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	125	405TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	58 <sup>3</sup> / <sub>4</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	31 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	150	444T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	67 <sup>5</sup> / <sub>16</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	39 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	150	444TS	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	63 <sup>9</sup> / <sub>16</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	35 <sup>7</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
8x6x16	8	6	200	445T	4	6 <sup>5</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	67 <sup>5</sup> / <sub>16</sub>	64 <sup>15</sup> / <sub>16</sub>	11 <sup>13</sup> / <sub>16</sub>	41 <sup>5</sup> / <sub>16</sub>	66 <sup>11</sup> / <sub>16</sub>	39 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub> [hp]	Dimensions										Weight approx. M [lbs]
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	S4	
	[inch]			[In.]										
6x5x16	6	5	40	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	1662
6x5x16	6	5	50	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	1735
6x5x16	6	5	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	2187
6x5x16	6	5	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	1642
6x5x16	6	5	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	2368
6x5x16	6	5	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	1814
6x5x16	6	5	100	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	3042
6x5x16	6	5	100	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	1861
6x5x16	6	5	125	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	3316
6x5x16	6	5	125	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>13</sup> / <sub>16</sub>	5/8	2185
6x5x16	6	5	150	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>4</sub>	12 <sup>3</sup> / <sub>4</sub>	5/8	3738
6x5x16	6	5	150	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	16 <sup>5</sup> / <sub>8</sub>	32 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	12 <sup>3</sup> / <sub>4</sub>	5/8	3696
8x6x8	8	6	15	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	12	13 <sup>9</sup> / <sub>16</sub>	5/8	1013
8x6x8	8	6	15	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	15 <sup>5</sup> / <sub>8</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1064
8x6x8	8	6	20	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	12	13 <sup>9</sup> / <sub>16</sub>	5/8	1020
8x6x8	8	6	25	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1225
8x6x8	8	6	30	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1318
8x6x8	8	6	40	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1573
8x6x10	8	6	30	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	1274
8x6x10	8	6	40	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	1530
8x6x10	8	6	50	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	1603
8x6x10	8	6	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	2055
8x6x10	8	6	60	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	1510
8x6x10	8	6	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	2235
8x6x10	8	6	75	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11 <sup>9</sup> / <sub>16</sub>	5/8	1682
8x6x12	8	6	50	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1750
8x6x12	8	6	60	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	2202
8x6x12	8	6	60	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1657
8x6x12	8	6	75	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	2383
8x6x12	8	6	75	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1829
8x6x12	8	6	100	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3057
8x6x12	8	6	100	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1875
8x6x12	8	6	125	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3331
8x6x12	8	6	125	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	15 <sup>3</sup> / <sub>4</sub>	15 <sup>1</sup> / <sub>4</sub>	31	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	2200
8x6x16	8	6	75	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	21 <sup>3</sup> / <sub>4</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	2460
8x6x16	8	6	75	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1906
8x6x16	8	6	100	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3134
8x6x16	8	6	100	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	1953
8x6x16	8	6	125	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3408
8x6x16	8	6	125	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	2277
8x6x16	8	6	150	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>4</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3776
8x6x16	8	6	150	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3734
8x6x16	8	6	200	24 <sup>7</sup> / <sub>16</sub>	23	21 <sup>1</sup> / <sub>4</sub>	17 <sup>11</sup> / <sub>16</sub>	16 <sup>5</sup> / <sub>8</sub>	34 <sup>3</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	25 <sup>3</sup> / <sub>4</sub>	13 <sup>9</sup> / <sub>16</sub>	5/8	3976

- Dimensions are subject to change
- Not to be used for construction purposes unless certified



# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D				[in.]								
	[inch]		P <sub>2</sub>	–	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X	
2x1-1/4x5	2	1 <sup>1/4</sup>	1	56	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>1/8</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>5/16</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	2	56	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	29 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	11 <sup>1/2</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	2	143T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	2	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	3	56H	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	31 <sup>13/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	3	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2x1-1/4x5	2	1 <sup>1/4</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2x1-1/4x6	2	1 <sup>1/4</sup>	3	56H	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	31 <sup>13/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14	1/2
2x1-1/4x6	2	1 <sup>1/4</sup>	3	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2x1-1/4x6	2	1 <sup>1/4</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2x1-1/4x6	2	1 <sup>1/4</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2x1-1/4x6	2	1 <sup>1/4</sup>	10	213T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	3	56H	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	31 <sup>13/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	3	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	10	213T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x6B	2	1 <sup>1/4</sup>	15	215T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x8	2	1 <sup>1/4</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2x1-1/4x8	2	1 <sup>1/4</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2x1-1/4x8	2	1 <sup>1/4</sup>	10	213T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x8	2	1 <sup>1/4</sup>	15	215T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x8	2	1 <sup>1/4</sup>	20	254T	2	3 <sup>1/8</sup>	3 <sup>3/4</sup>	42	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	44 <sup>5/8</sup>	24 <sup>3/16</sup>	1/2
2x1-1/4x8B	2	1 <sup>1/4</sup>	10	213T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x8B	2	1 <sup>1/4</sup>	15	215T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2x1-1/4x8B	2	1 <sup>1/4</sup>	20	254T	2	3 <sup>1/8</sup>	3 <sup>3/4</sup>	42	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	44 <sup>5/8</sup>	24 <sup>3/16</sup>	1/2
2x1-1/4x8B	2	1 <sup>1/4</sup>	25	256T	2	3 <sup>1/8</sup>	3 <sup>3/4</sup>	42	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	44 <sup>5/8</sup>	24 <sup>3/16</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	2	56	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	29 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	11 <sup>1/2</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	2	143T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	2	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	3	56H	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	31 <sup>13/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	3	145T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	32 <sup>3/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	14 <sup>3/8</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2-1/2x1-1/2x5	2	1 <sup>1/2</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	5	213	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>7/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>5/8</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	5	182T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	34 <sup>5/16</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	16 <sup>1/2</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	10	213T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	15	215T	2	3 <sup>1/8</sup>	2 <sup>5/8</sup>	36 <sup>3/4</sup>	32 <sup>13/16</sup>	5 <sup>7/8</sup>	21	33 <sup>3/8</sup>	18 <sup>15/16</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	20	254T	2	3 <sup>1/8</sup>	3 <sup>3/4</sup>	42	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	44 <sup>5/8</sup>	24 <sup>3/16</sup>	1/2
2-1/2x1-1/2x6	2	1 <sup>1/2</sup>	25	256T	2	3 <sup>1/8</sup>	3 <sup>3/4</sup>	42	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	44 <sup>5/8</sup>	24 <sup>3/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	10	213T	2	3 <sup>15/16</sup>	3 <sup>1/16</sup>	37 <sup>9/16</sup>	33 <sup>3/8</sup>	5 <sup>7/8</sup>	21 <sup>9/16</sup>	34 <sup>3/16</sup>	18 <sup>15/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	15	215T	2	3 <sup>15/16</sup>	3 <sup>1/16</sup>	37 <sup>9/16</sup>	33 <sup>3/8</sup>	5 <sup>7/8</sup>	21 <sup>9/16</sup>	34 <sup>3/16</sup>	18 <sup>15/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	20	254T	2	3 <sup>15/16</sup>	3 <sup>3/4</sup>	42 <sup>13/16</sup>	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	45 <sup>7/16</sup>	24 <sup>3/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	25	256T	2	3 <sup>15/16</sup>	3 <sup>3/4</sup>	42 <sup>13/16</sup>	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	45 <sup>7/16</sup>	24 <sup>3/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	30	284TS	2	3 <sup>15/16</sup>	3 <sup>3/4</sup>	43 <sup>11/16</sup>	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	45 <sup>7/16</sup>	25 <sup>1/16</sup>	1/2
2-1/2x1-1/2x8	2	1 <sup>1/2</sup>	40	286TS	2	3 <sup>15/16</sup>	3 <sup>3/4</sup>	43 <sup>11/16</sup>	45 <sup>1/4</sup>	7 <sup>7/8</sup>	29 <sup>1/2</sup>	45 <sup>7/16</sup>	25 <sup>1/16</sup>	1/2

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)



## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 2 pole motors														
Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx. M
	DNS	DND		P <sub>2</sub>	B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	
	[inch]	[inch]	[hp]	[in.]										[lbs]
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	1	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	218
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	218
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	229
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	231
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	235
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	262
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	288
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>7</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	315
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	240
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	266
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	293
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	319
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	10	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	438
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	240
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	266
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	293
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	319
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	10	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	438
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	15	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	476
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	295
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	321
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	10	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	440
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	15	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	478
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	20	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	10 <sup>9</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	654
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	10	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	440
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	15	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	478
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	20	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	10 <sup>9</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	654
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	25	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	10 <sup>9</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	733
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>5</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	211
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	222
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	224
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	229
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	3	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>3</sup> / <sub>4</sub>	12 <sup>5</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	6 <sup>13</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	255
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>1</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	282
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>2</sub>	6 <sup>7</sup> / <sub>8</sub>	12 <sup>3</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	308
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	9 <sup>3</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	286
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>9</sup> / <sub>16</sub>	13 <sup>7</sup> / <sub>8</sub>	2 <sup>3</sup> / <sub>8</sub>	8 <sup>7</sup> / <sub>16</sub>	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	313
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	10	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	432
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	15	14 <sup>7</sup> / <sub>8</sub>	13 <sup>3</sup> / <sub>8</sub>	10 <sup>15</sup> / <sub>16</sub>	6 <sup>5</sup> / <sub>16</sub>	7 <sup>5</sup> / <sub>8</sub>	13 <sup>15</sup> / <sub>16</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>8</sub>	469
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	20	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	6 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	16 <sup>13</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	645
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	25	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	6 <sup>5</sup> / <sub>16</sub>	10 <sup>1</sup> / <sub>2</sub>	16 <sup>13</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	12	7 <sup>1</sup> / <sub>4</sub>	5 <sup>1</sup> / <sub>8</sub>	724
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	10	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	461
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	15	18 <sup>3</sup> / <sub>8</sub>	16 <sup>5</sup> / <sub>8</sub>	14 <sup>7</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>16</sub>	8 <sup>11</sup> / <sub>16</sub>	15 <sup>3</sup> / <sub>4</sub>	2 <sup>3</sup> / <sub>8</sub>	10	6 <sup>3</sup> / <sub>4</sub>	7 <sup>1</sup> / <sub>8</sub>	498
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	20	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	10 <sup>9</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	8 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	658
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	25	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	10 <sup>9</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	12	8 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	738
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	30	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	916
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	40	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	7 <sup>1</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>4</sub>	18 <sup>5</sup> / <sub>16</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	8 <sup>1</sup> / <sub>16</sub>	5 <sup>1</sup> / <sub>8</sub>	1037

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D				P <sub>2</sub>	–	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>
	[inch]		[hp]	[In.]										
2-1/2x2x5	2 1/2	2	3	56H	2	3 15/16	2 5/8	32 5/8	32 13/16	5 7/8	21	34 3/16	14	1/2
2-1/2x2x5	2 1/2	2	3	145T	2	3 15/16	2 5/8	33	32 13/16	5 7/8	21	34 3/16	14 3/8	1/2
2-1/2x2x5	2 1/2	2	5	213	2	3 15/16	2 5/8	35 1/4	32 13/16	5 7/8	21	34 3/16	16 5/8	1/2
2-1/2x2x5	2 1/2	2	5	182T	2	3 15/16	2 5/8	35 1/8	32 13/16	5 7/8	21	34 3/16	16 1/2	1/2
2-1/2x2x5	2 1/2	2	10	213T	2	3 15/16	2 5/8	37 9/16	32 13/16	5 7/8	21	34 3/16	18 15/16	1/2
2-1/2x2x5	2 1/2	2	15	215T	2	3 15/16	2 5/8	37 9/16	32 13/16	5 7/8	21	34 3/16	18 15/16	1/2
2-1/2x2x6	2 1/2	2	10	213T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
2-1/2x2x6	2 1/2	2	15	215T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
2-1/2x2x6	2 1/2	2	20	254T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
2-1/2x2x6	2 1/2	2	25	256T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
2-1/2x2x6	2 1/2	2	30	284TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
2-1/2x2x8	2 1/2	2	15	215T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
2-1/2x2x8	2 1/2	2	20	254T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
2-1/2x2x8	2 1/2	2	25	256T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
2-1/2x2x8	2 1/2	2	30	284TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
2-1/2x2x8	2 1/2	2	40	286TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
2-1/2x2x8	2 1/2	2	50	324TS	2	3 15/16	3 3/4	45 5/16	51 7/16	9 13/16	31 3/4	51 5/8	26 11/16	1/2
3x2-1/2x5	3	2 1/2	5	213	2	3 15/16	3 1/16	35 1/4	33 3/8	5 7/8	21 9/16	34 3/16	16 5/8	1/2
3x2-1/2x5	3	2 1/2	5	182T	2	3 15/16	3 1/16	35 1/8	33 3/8	5 7/8	21 9/16	34 3/16	16 1/2	1/2
3x2-1/2x5	3	2 1/2	10	213T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
3x2-1/2x5	3	2 1/2	15	215T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
3x2-1/2x5	3	2 1/2	20	254T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
3x2-1/2x6	3	2 1/2	10	213T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
3x2-1/2x6	3	2 1/2	15	215T	2	3 15/16	3 1/16	37 9/16	33 3/8	5 7/8	21 9/16	34 3/16	18 15/16	1/2
3x2-1/2x6	3	2 1/2	20	254T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
3x2-1/2x6	3	2 1/2	25	256T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
3x2-1/2x6	3	2 1/2	30	284TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
3x2-1/2x6	3	2 1/2	40	286TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
3x2-1/2x8	3	2 1/2	20	254T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
3x2-1/2x8	3	2 1/2	25	256T	2	3 15/16	3 3/4	42 13/16	45 1/4	7 7/8	29 1/2	45 7/16	24 3/16	1/2
3x2-1/2x8	3	2 1/2	30	284TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
3x2-1/2x8	3	2 1/2	40	286TS	2	3 15/16	3 3/4	43 11/16	45 1/4	7 7/8	29 1/2	45 7/16	25 1/16	1/2
3x2-1/2x8	3	2 1/2	50	324TS	2	3 15/16	3 3/4	45 5/16	51 7/16	9 13/16	31 3/4	51 5/8	26 11/16	1/2
3x2-1/2x8	3	2 1/2	60	326TS	2	3 15/16	3 3/4	45 13/16	51 7/16	9 13/16	31 3/4	51 5/8	27 3/16	1/2
4x3x6	4	3	10	213T	2	4 15/16	3 1/16	38 9/16	33 3/8	5 7/8	21 9/16	35 3/16	18 15/16	1/2
4x3x6	4	3	15	215T	2	4 15/16	3 1/16	38 9/16	33 3/8	5 7/8	21 9/16	35 3/16	18 15/16	1/2
4x3x6	4	3	20	254T	2	4 15/16	3 3/4	43 13/16	45 1/4	7 7/8	29 1/2	46 7/16	24 3/16	1/2
4x3x6	4	3	25	256T	2	4 15/16	3 3/4	43 13/16	45 1/4	7 7/8	29 1/2	46 7/16	24 3/16	1/2
4x3x6	4	3	30	284TS	2	4 15/16	3 3/4	44 5/8	45 1/4	7 7/8	29 1/2	46 7/16	25 1/16	1/2
4x3x6	4	3	40	286TS	2	4 15/16	3 3/4	44 5/8	45 1/4	7 7/8	29 1/2	46 7/16	25 1/16	1/2
4x3x6	4	3	50	324TS	2	4 15/16	3 3/4	46 5/16	51 7/16	9 13/16	31 3/4	52 5/8	26 11/16	1/2
4x3x6	4	3	60	326TS	2	4 15/16	3 3/4	46 13/16	51 7/16	9 13/16	31 3/4	52 5/8	27 3/16	1/2
4x3x8	4	3	25	256T	2	4 15/16	3 3/4	48 1/8	45 1/4	7 7/8	29 1/2	46 7/16	24 3/16	1/2
4x3x8	4	3	30	284TS	2	4 15/16	3 3/4	49	45 1/4	7 7/8	29 1/2	46 7/16	25 1/16	1/2
4x3x8	4	3	40	286TS	2	4 15/16	3 3/4	49	45 1/4	7 7/8	29 1/2	46 7/16	25 1/16	1/2
4x3x8	4	3	50	324TS	2	4 15/16	3 3/4	50 5/8	51 7/16	9 13/16	31 3/4	52 5/8	26 11/16	1/2
4x3x8	4	3	60	326TS	2	4 15/16	3 3/4	51 1/8	51 7/16	9 13/16	31 3/4	52 5/8	27 3/16	1/2
4x3x8	4	3	75	364TS	2	4 15/16	3 3/4	52 1/2	51 7/16	9 13/16	31 3/4	52 5/8	28 9/16	1/2
4x3x8	4	3	100	365TS	2	4 15/16	3 3/4	52 1/2	51 7/16	9 13/16	31 3/4	52 5/8	28 9/16	1/2

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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.		
	DN S	DN D		P <sub>2</sub>	B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1		S4	M
	[inch]			[hp]	[In.]										[lbs]	
2-1/2x2x5	2 1/2	2	3	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	7 1/4	7/8	233		
2-1/2x2x5	2 1/2	2	3	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	6 13/16	7 1/4	7/8	260		
2-1/2x2x5	2 1/2	2	5	14 7/8	13 1/8	10 15/16	6 5/16	7 5/8	13 15/16	2 3/8	9 3/16	7 1/4	7/8	286		
2-1/2x2x5	2 1/2	2	5	14 7/8	13 1/8	10 15/16	6 5/16	7 9/16	13 7/8	2 3/8	8 7/16	7 1/4	7/8	313		
2-1/2x2x5	2 1/2	2	10	14 7/8	13 1/8	10 15/16	6 5/16	7 5/8	13 15/16	2 3/8	10	7 1/4	7/8	432		
2-1/2x2x5	2 1/2	2	15	14 7/8	13 1/8	10 15/16	6 5/16	7 5/8	13 15/16	2 3/8	10	7 1/4	7/8	469		
2-1/2x2x6	2 1/2	2	10	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	10	6 3/4	7/8	461		
2-1/2x2x6	2 1/2	2	15	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	10	6 3/4	7/8	498		
2-1/2x2x6	2 1/2	2	20	16 3/16	14 3/4	13	7 1/16	10 9/16	17 5/8	4 1/4	12	8 1/16	5/8	658		
2-1/2x2x6	2 1/2	2	25	16 3/16	14 3/4	13	7 1/16	10 9/16	17 5/8	4 1/4	12	8 1/16	5/8	738		
2-1/2x2x6	2 1/2	2	30	16 3/16	14 3/4	13	7 1/16	11 1/4	18 5/16	4 1/4	13 5/8	8 1/16	5/8	916		
2-1/2x2x8	2 1/2	2	15	18 3/8	16 5/8	14 7/16	7 7/8	8 11/16	16 9/16	2 3/8	10	6 3/4	7/8	507		
2-1/2x2x8	2 1/2	2	20	16 3/16	14 3/4	13	7 7/8	10 9/16	18 7/16	4 1/4	12	8 1/16	5/8	667		
2-1/2x2x8	2 1/2	2	25	16 3/16	14 3/4	13	7 7/8	10 9/16	18 7/16	4 1/4	12	8 1/16	5/8	746		
2-1/2x2x8	2 1/2	2	30	16 3/16	14 3/4	13	7 7/8	11 1/4	19 1/8	4 1/4	13 5/8	8 1/16	5/8	925		
2-1/2x2x8	2 1/2	2	40	16 3/16	14 3/4	13	7 7/8	11 1/4	19 1/8	4 1/4	13 5/8	8 1/16	5/8	1046		
2-1/2x2x8	2 1/2	2	50	18 15/16	17 1/2	15 3/4	7 7/8	12 1/4	20 1/8	4 1/4	14 5/8	10	5/8	1234		
3x2-1/2x5	3	2 1/2	5	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	9 3/16	6 3/4	7/8	308		
3x2-1/2x5	3	2 1/2	5	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	8 7/16	6 3/4	7/8	335		
3x2-1/2x5	3	2 1/2	10	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	10	6 3/4	7/8	454		
3x2-1/2x5	3	2 1/2	15	18 3/8	16 5/8	14 7/16	7 1/16	8 11/16	15 3/4	2 3/8	10	6 3/4	7/8	491		
3x2-1/2x5	3	2 1/2	20	16 3/16	14 3/4	13	7 1/16	10 9/16	17 5/8	4 1/4	12	8 1/16	5/8	652		
3x2-1/2x6	3	2 1/2	10	18 3/8	16 5/8	14 7/16	7 7/8	8 11/16	16 9/16	2 3/8	10	6 3/4	7/8	467		
3x2-1/2x6	3	2 1/2	15	18 3/8	16 5/8	14 7/16	7 7/8	8 11/16	16 9/16	2 3/8	10	6 3/4	7/8	505		
3x2-1/2x6	3	2 1/2	20	16 3/16	14 3/4	13	7 7/8	10 9/16	18 7/16	4 1/4	12	8 1/16	5/8	665		
3x2-1/2x6	3	2 1/2	25	16 3/16	14 3/4	13	7 7/8	10 9/16	18 7/16	4 1/4	12	8 1/16	5/8	744		
3x2-1/2x6	3	2 1/2	30	16 3/16	14 3/4	13	7 7/8	11 1/4	19 1/8	4 1/4	13 5/8	8 1/16	5/8	923		
3x2-1/2x6	3	2 1/2	40	16 3/16	14 3/4	13	7 7/8	11 1/4	19 1/8	4 1/4	13 5/8	8 1/16	5/8	1044		
3x2-1/2x8	3	2 1/2	20	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	12	8 1/16	5/8	678		
3x2-1/2x8	3	2 1/2	25	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	12	8 1/16	5/8	757		
3x2-1/2x8	3	2 1/2	30	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	13 5/8	8 1/16	5/8	936		
3x2-1/2x8	3	2 1/2	40	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	13 5/8	8 1/16	5/8	1057		
3x2-1/2x8	3	2 1/2	50	18 15/16	17 1/2	15 3/4	8 7/8	12 1/4	21 1/8	4 1/4	14 5/8	10	5/8	1245		
3x2-1/2x8	3	2 1/2	60	18 15/16	17 1/2	15 3/4	8 7/8	12 1/4	21 1/8	4 1/4	15 9/16	10	5/8	1280		
4x3x6	4	3	10	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	10	7 3/4	7/8	476		
4x3x6	4	3	15	18 3/8	16 5/8	14 7/16	8 7/8	9 7/16	18 5/16	2 3/8	10	7 3/4	7/8	513		
4x3x6	4	3	20	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	12	9	5/8	674		
4x3x6	4	3	25	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	12	9	5/8	753		
4x3x6	4	3	30	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	13 5/8	9	5/8	932		
4x3x6	4	3	40	16 3/16	14 3/4	13	8 7/8	11 5/16	20 3/16	4 1/4	13 5/8	9	5/8	1053		
4x3x6	4	3	50	18 15/16	17 1/2	15 3/4	8 7/8	12 1/4	21 1/8	4 1/4	14 5/8	11	5/8	1241		
4x3x6	4	3	60	18 15/16	17 1/2	15 3/4	8 7/8	12 1/4	21 1/8	4 1/4	15 9/16	11	5/8	1276		
4x3x8	4	3	25	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	12	9	5/8	790		
4x3x8	4	3	30	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	13 5/8	9	5/8	969		
4x3x8	4	3	40	16 3/16	14 3/4	13	9 13/16	11 5/16	21 3/16	4 1/4	13 5/8	9	5/8	1090		
4x3x8	4	3	50	18 15/16	17 1/2	15 3/4	9 13/16	12 1/4	22 1/8	4 1/4	14 5/8	11	5/8	1278		
4x3x8	4	3	60	18 15/16	17 1/2	15 3/4	9 13/16	12 1/4	22 1/8	4 1/4	15 9/16	11	5/8	1314		
4x3x8	4	3	75	18 15/16	17 1/2	15 3/4	9 13/16	13 1/4	23 1/8	4 1/4	16 9/16	11	5/8	1918		
4x3x8	4	3	100	18 15/16	17 1/2	15 3/4	9 13/16	13 1/4	23 1/8	4 1/4	16 9/16	11	5/8	2079		

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# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) – 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions									
	DN S	DN D				a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X	
	[inch]	[hp]	[in.]												
5x4x6	5	4	40	286TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	49	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	25 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x6	5	4	50	324TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>5</sup> / <sub>8</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	26 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x6	5	4	60	326TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	51 <sup>1</sup> / <sub>8</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x6	5	4	75	364TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x6	5	4	100	365TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	40	286TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	49	45 <sup>1</sup> / <sub>4</sub>	7 <sup>7</sup> / <sub>8</sub>	29 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub>	25 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	50	324TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	50 <sup>5</sup> / <sub>8</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	26 <sup>11</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	60	326TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	51 <sup>1</sup> / <sub>8</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	27 <sup>3</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	75	364TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	100	365TS	2	4 <sup>15</sup> / <sub>16</sub>	3 <sup>3</sup> / <sub>4</sub>	52 <sup>1</sup> / <sub>2</sub>	51 <sup>7</sup> / <sub>16</sub>	9 <sup>13</sup> / <sub>16</sub>	31 <sup>3</sup> / <sub>4</sub>	52 <sup>5</sup> / <sub>8</sub>	28 <sup>9</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>2</sub>	
5x4x8	5	4	125	404TS	2	4 <sup>15</sup> / <sub>16</sub>	4 <sup>9</sup> / <sub>16</sub>	58 <sup>1</sup> / <sub>2</sub>	55 <sup>7</sup> / <sub>8</sub>	9 <sup>13</sup> / <sub>16</sub>	36 <sup>1</sup> / <sub>4</sub>	56 <sup>1</sup> / <sub>4</sub>	34 <sup>5</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>	

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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (US units) - 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions									Weight approx.		
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1		S4	M
	[inch]			[In.]											[lbs]
5x4x6	5	4	40	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	1130	
5x4x6	5	4	50	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	12 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1318	
5x4x6	5	4	60	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	12 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1353	
5x4x6	5	4	75	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	13 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1957	
5x4x6	5	4	100	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	13 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	2118	
5x4x8	5	4	40	16 <sup>3</sup> / <sub>16</sub>	14 <sup>3</sup> / <sub>4</sub>	13	11	12 <sup>1</sup> / <sub>8</sub>	23 <sup>1</sup> / <sub>8</sub>	4 <sup>1</sup> / <sub>4</sub>	13 <sup>5</sup> / <sub>8</sub>	9	5 <sup>5</sup> / <sub>8</sub>	1112	
5x4x8	5	4	50	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	12 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	14 <sup>5</sup> / <sub>8</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1300	
5x4x8	5	4	60	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	12 <sup>1</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	15 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1336	
5x4x8	5	4	75	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	13 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	1940	
5x4x8	5	4	100	18 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	15 <sup>3</sup> / <sub>4</sub>	11	13 <sup>1</sup> / <sub>4</sub>	24 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	16 <sup>9</sup> / <sub>16</sub>	11	5 <sup>5</sup> / <sub>8</sub>	2101	
5x4x8	5	4	125	22 <sup>1</sup> / <sub>16</sub>	20 <sup>5</sup> / <sub>8</sub>	17 <sup>9</sup> / <sub>16</sub>	11	14 <sup>1</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>4</sub>	4 <sup>1</sup> / <sub>4</sub>	18 <sup>7</sup> / <sub>16</sub>	10 <sup>3</sup> / <sub>16</sub>	5 <sup>5</sup> / <sub>8</sub>	2694	

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# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Motor housing	Number of poles	Dimensions									
	DN S	DN D				-		a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>
	[inch]		[hp]	-		[mm]									
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	2	145T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	2	56H	4	80	66	808	834	150	534	848	356	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	2	145T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	2	56H	4	80	66	808	834	150	534	848	356	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	3	182T	4	80	66	872	834	150	534	848	419	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	2	145T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	2	56H	4	80	66	808	834	150	534	848	356	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	4	80	66	818	834	150	534	848	365	13	
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	3	182T	4	80	66	872	834	150	534	848	419	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	2	145T	4	100	79	838	848	150	547	869	365	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	2	56H	4	100	79	828	848	150	547	869	356	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	4	100	79	838	848	150	547	869	365	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	3	182T	4	100	79	892	848	150	547	869	419	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	5	215	4	100	79	895	848	150	547	869	422	13	
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	5	184T	4	100	79	892	848	150	547	869	419	13	
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	1	56	4	80	66	764	834	150	534	848	311	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	1	143T	4	80	66	818	834	150	534	848	365	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	2	145T	4	80	66	818	834	150	534	848	365	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	2	56H	4	80	66	808	834	150	534	848	356	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	3	145T	4	80	66	818	834	150	534	848	365	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	3	182T	4	80	66	872	834	150	534	848	419	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	215	4	80	66	875	834	150	534	848	422	13	
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	184T	4	80	66	872	834	150	534	848	419	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	2	145T	4	100	79	838	848	150	547	869	365	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	2	56H	4	100	79	828	848	150	547	869	356	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	3	145T	4	100	79	838	848	150	547	869	365	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	3	182T	4	100	79	892	848	150	547	869	419	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	5	215	4	100	79	895	848	150	547	869	422	13	
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	5	184T	4	100	79	892	848	150	547	869	419	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	2	145T	4	100	79	838	848	150	547	869	365	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	2	56H	4	100	79	828	848	150	547	869	356	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	3	145T	4	100	79	838	848	150	547	869	365	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	3	182T	4	100	79	892	848	150	547	869	419	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	5	215	4	100	79	895	848	150	547	869	422	13	
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	5	184T	4	100	79	892	848	150	547	869	419	13	

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	S4	
	[inch]	[inch]	[hp]	[mm]										[kg]
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	160	192	352	60	161	164	22	96
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	160	192	352	60	173	164	22	105
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	160	192	352	60	161	164	22	96
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	160	192	352	60	173	164	22	105
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	160	192	352	60	173	164	22	116
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	160	192	352	60	173	164	22	106
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	180	220	400	60	161	164	22	97
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	180	220	400	60	173	164	22	106
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	180	220	400	60	173	164	22	117
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	180	220	400	60	173	164	22	107
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	3	378	334	277	180	220	400	60	173	164	22	128
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	3	378	334	277	180	220	400	60	227	164	22	139
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	180	220	400	60	161	164	22	97
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	1	378	334	277	180	220	400	60	173	164	22	106
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	180	220	400	60	173	164	22	117
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	2	378	334	277	180	220	400	60	173	164	22	107
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	3	378	334	277	180	220	400	60	173	164	22	128
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	3	378	334	277	180	220	400	60	227	164	22	139
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	2	466	423	366	225	240	465	60	173	172	22	136
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	2	466	423	366	225	240	465	60	173	172	22	126
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	3	466	423	366	225	240	465	60	173	172	22	147
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	3	466	423	366	225	240	465	60	227	172	22	158
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	5	466	423	366	225	240	465	60	233	172	22	158
2x1-1/4x10	2	1 <sup>1</sup> / <sub>4</sub>	5	466	423	366	225	240	465	60	214	172	22	174
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	1	378	334	277	140	172	312	60	161	164	22	91
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	1	378	334	277	140	172	312	60	173	164	22	100
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	1	378	334	277	160	192	352	60	161	164	22	93
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	1	378	334	277	160	192	352	60	173	164	22	102
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	2	378	334	277	160	192	352	60	173	164	22	113
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	2	378	334	277	160	192	352	60	173	164	22	103
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	3	378	334	277	160	192	352	60	173	164	22	124
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	3	378	334	277	160	192	352	60	227	164	22	135
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	378	334	277	160	193	353	60	233	164	22	135
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	378	334	277	160	192	352	60	214	164	22	151
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	2	466	423	366	180	220	400	60	173	172	22	126
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	2	466	423	366	180	220	400	60	173	172	22	116
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	3	466	423	366	180	220	400	60	173	172	22	137
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	3	466	423	366	180	220	400	60	227	172	22	148
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	5	466	423	366	180	220	400	60	233	172	22	148
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	5	466	423	366	180	220	400	60	214	172	22	164
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	2	466	423	366	225	240	465	60	173	172	22	136
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	2	466	423	366	225	240	465	60	173	172	22	126
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	3	466	423	366	225	240	465	60	173	172	22	147
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	3	466	423	366	225	240	465	60	227	172	22	158
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	5	466	423	366	225	240	465	60	233	172	22	158
2-1/2x1-1/2x10	2	1 <sup>1</sup> / <sub>2</sub>	5	466	423	366	225	240	465	60	214	172	22	174

- Dimensions are subject to change
- Not to be used for construction purposes unless certified



# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D				P <sub>2</sub>	-	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>
	[inch]		[hp]	-	[mm]									
2-1/2x1-1/2x12	2	1 1/2	3	145T	4	125	96	973	1150	200	750	1179	365	13
2-1/2x1-1/2x12	2	1 1/2	3	182T	4	125	96	1027	1150	200	750	1179	419	13
2-1/2x1-1/2x12	2	1 1/2	5	215	4	125	96	1030	1150	200	750	1179	422	13
2-1/2x1-1/2x12	2	1 1/2	5	184T	4	125	96	1027	1150	200	750	1179	419	13
2-1/2x1-1/2x12	2	1 1/2	10	215T	4	125	96	1089	1150	200	750	1179	481	13
2-1/2x1-1/2x12	2	1 1/2	15	254T	4	125	96	1197	1150	200	750	1179	589	13
2-1/2x1-1/2x12	2	1 1/2	15	256T	4	125	96	1197	1150	200	750	1179	589	13
2-1/2x2x5	2 1/2	2	1	56	4	100	66	784	834	150	534	868	311	13
2-1/2x2x5	2 1/2	2	1	143T	4	100	66	838	834	150	534	868	365	13
2-1/2x2x6	2 1/2	2	1	56	4	100	79	784	848	150	547	869	311	13
2-1/2x2x6	2 1/2	2	1	143T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x6	2 1/2	2	2	145T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x6	2 1/2	2	2	56H	4	100	79	828	848	150	547	869	356	13
2-1/2x2x6	2 1/2	2	3	145T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x6	2 1/2	2	3	182T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x6	2 1/2	2	5	215	4	100	79	895	848	150	547	869	422	13
2-1/2x2x6	2 1/2	2	5	184T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x8	2 1/2	2	2	145T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x8	2 1/2	2	2	56H	4	100	79	828	848	150	547	869	356	13
2-1/2x2x8	2 1/2	2	3	145T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x8	2 1/2	2	3	182T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x8	2 1/2	2	5	215	4	100	79	895	848	150	547	869	422	13
2-1/2x2x8	2 1/2	2	5	184T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x10	2 1/2	2	3	145T	4	100	79	838	848	150	547	869	365	13
2-1/2x2x10	2 1/2	2	3	182T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x10	2 1/2	2	5	215	4	100	79	895	848	150	547	869	422	13
2-1/2x2x10	2 1/2	2	5	184T	4	100	79	892	848	150	547	869	419	13
2-1/2x2x10	2 1/2	2	10	215T	4	100	79	954	848	150	547	869	481	13
2-1/2x2x12	2 1/2	2	10	215T	4	125	96	1089	1150	200	750	1179	481	13
2-1/2x2x12	2 1/2	2	15	254T	4	125	96	1197	1150	200	750	1179	589	13
2-1/2x2x12	2 1/2	2	15	256T	4	125	96	1197	1150	200	750	1179	589	13
2-1/2x2x12	2 1/2	2	20	256T	4	125	96	1197	1150	200	750	1179	589	13
2-1/2x2x12	2 1/2	2	25	284T	4	125	96	1279	1150	200	750	1179	672	13
3x2-1/2x5	3	2 1/2	1	56	4	100	79	784	848	150	547	869	311	13
3x2-1/2x5	3	2 1/2	1	143T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x5	3	2 1/2	2	145T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x5	3	2 1/2	2	56H	4	100	79	828	848	150	547	869	356	13
3x2-1/2x5	3	2 1/2	3	145T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x5	3	2 1/2	3	182T	4	100	79	892	848	150	547	869	419	13
3x2-1/2x6	3	2 1/2	2	145T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x6	3	2 1/2	2	56H	4	100	79	828	848	150	547	869	356	13
3x2-1/2x6	3	2 1/2	3	145T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x6	3	2 1/2	3	182T	4	100	79	892	848	150	547	869	419	13
3x2-1/2x6	3	2 1/2	5	215	4	100	79	895	848	150	547	869	422	13
3x2-1/2x6	3	2 1/2	5	184T	4	100	79	892	848	150	547	869	419	13
3x2-1/2x6	3	2 1/2	15	256T	4	100	96	1062	1150	200	750	1154	589	13
3x2-1/2x8	3	2 1/2	3	145T	4	100	79	838	848	150	547	869	365	13
3x2-1/2x8	3	2 1/2	3	182T	4	100	79	892	848	150	547	869	419	13
3x2-1/2x8	3	2 1/2	5	215	4	100	79	895	848	150	547	869	422	13
3x2-1/2x8	3	2 1/2	5	184T	4	100	79	892	848	150	547	869	419	13
3x2-1/2x8	3	2 1/2	10	215T	4	100	79	954	848	150	547	869	481	13

- Dimensions are subject to change
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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.	
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	S4		M
	[inch]	[inch]		[hp]	[mm]										[kg]
2-1/2x1-1/2x12	2	1 1/2	3	411	374	330	250	333	583	108	173	229	16	188	
2-1/2x1-1/2x12	2	1 1/2	3	411	374	330	250	333	583	108	227	229	16	199	
2-1/2x1-1/2x12	2	1 1/2	5	411	374	330	250	333	583	108	233	229	16	199	
2-1/2x1-1/2x12	2	1 1/2	5	411	374	330	250	333	583	108	214	229	16	215	
2-1/2x1-1/2x12	2	1 1/2	10	411	374	330	250	333	583	108	255	229	16	278	
2-1/2x1-1/2x12	2	1 1/2	15	411	374	330	250	333	583	108	305	229	16	364	
2-1/2x1-1/2x12	2	1 1/2	15	411	374	330	250	333	583	108	396	229	16	387	
2-1/2x2x5	2 1/2	2	1	378	334	277	160	192	352	60	161	184	22	93	
2-1/2x2x5	2 1/2	2	1	378	334	277	160	192	352	60	173	184	22	102	
2-1/2x2x6	2 1/2	2	1	466	423	366	180	220	400	60	161	172	22	106	
2-1/2x2x6	2 1/2	2	1	466	423	366	180	220	400	60	173	172	22	115	
2-1/2x2x6	2 1/2	2	2	466	423	366	180	220	400	60	173	172	22	126	
2-1/2x2x6	2 1/2	2	2	466	423	366	180	220	400	60	173	172	22	116	
2-1/2x2x6	2 1/2	2	3	466	423	366	180	220	400	60	173	172	22	137	
2-1/2x2x6	2 1/2	2	3	466	423	366	180	220	400	60	227	172	22	148	
2-1/2x2x6	2 1/2	2	5	466	423	366	180	220	400	60	233	172	22	148	
2-1/2x2x6	2 1/2	2	5	466	423	366	180	220	400	60	214	172	22	164	
2-1/2x2x8	2 1/2	2	2	466	423	366	200	220	420	60	173	172	22	130	
2-1/2x2x8	2 1/2	2	2	466	423	366	200	220	420	60	173	172	22	120	
2-1/2x2x8	2 1/2	2	3	466	423	366	200	220	420	60	173	172	22	141	
2-1/2x2x8	2 1/2	2	3	466	423	366	200	220	420	60	227	172	22	152	
2-1/2x2x8	2 1/2	2	5	466	423	366	200	220	420	60	233	172	22	152	
2-1/2x2x8	2 1/2	2	5	466	423	366	200	220	420	60	214	172	22	168	
2-1/2x2x10	2 1/2	2	3	466	423	366	225	240	465	60	173	172	22	151	
2-1/2x2x10	2 1/2	2	3	466	423	366	225	240	465	60	227	172	22	162	
2-1/2x2x10	2 1/2	2	5	466	423	366	225	240	465	60	233	172	22	162	
2-1/2x2x10	2 1/2	2	5	466	423	366	225	240	465	60	214	172	22	178	
2-1/2x2x10	2 1/2	2	10	466	423	366	225	240	465	60	255	172	22	241	
2-1/2x2x12	2 1/2	2	10	411	374	330	280	333	613	108	255	229	16	293	
2-1/2x2x12	2 1/2	2	15	411	374	330	280	333	613	108	305	229	16	379	
2-1/2x2x12	2 1/2	2	15	411	374	330	280	333	613	108	396	229	16	402	
2-1/2x2x12	2 1/2	2	20	411	374	330	280	333	613	108	305	229	16	382	
2-1/2x2x12	2 1/2	2	25	411	374	330	280	333	613	108	346	229	16	475	
3x2-1/2x5	3	2 1/2	1	466	423	366	180	220	400	60	161	172	22	103	
3x2-1/2x5	3	2 1/2	1	466	423	366	180	220	400	60	173	172	22	112	
3x2-1/2x5	3	2 1/2	2	466	423	366	180	220	400	60	173	172	22	113	
3x2-1/2x5	3	2 1/2	3	466	423	366	180	220	400	60	173	172	22	134	
3x2-1/2x5	3	2 1/2	3	466	423	366	180	220	400	60	227	172	22	145	
3x2-1/2x6	3	2 1/2	2	466	423	366	200	220	420	60	173	172	22	129	
3x2-1/2x6	3	2 1/2	2	466	423	366	200	220	420	60	173	172	22	119	
3x2-1/2x6	3	2 1/2	3	466	423	366	200	220	420	60	173	172	22	140	
3x2-1/2x6	3	2 1/2	3	466	423	366	200	220	420	60	227	172	22	151	
3x2-1/2x6	3	2 1/2	5	466	423	366	200	220	420	60	233	172	22	151	
3x2-1/2x6	3	2 1/2	5	466	423	366	200	220	420	60	214	172	22	167	
3x2-1/2x6	3	2 1/2	15	411	374	330	200	268	468	108	396	204	16	353	
3x2-1/2x8	3	2 1/2	3	466	423	366	225	240	465	60	173	172	22	146	
3x2-1/2x8	3	2 1/2	3	466	423	366	225	240	465	60	227	172	22	157	
3x2-1/2x8	3	2 1/2	5	466	423	366	225	240	465	60	233	172	22	157	
3x2-1/2x8	3	2 1/2	5	466	423	366	225	240	465	60	214	172	22	173	
3x2-1/2x8	3	2 1/2	10	466	423	366	225	240	465	60	255	172	22	236	

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>	-	-	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X
	[inch]		[hp]	-	-	[mm]								
3x2-1/2x10	3	2 <sup>1/2</sup>	5	215	4	100	96	1005	1150	200	750	1154	422	13
3x2-1/2x10	3	2 <sup>1/2</sup>	5	184T	4	100	96	1002	1150	200	750	1154	419	13
3x2-1/2x10	3	2 <sup>1/2</sup>	10	215T	4	100	96	1064	1150	200	750	1154	481	13
3x2-1/2x12	3	2 <sup>1/2</sup>	15	256T	4	125	96	1197	1307	250	807	1336	589	13
3x2-1/2x12	3	2 <sup>1/2</sup>	15	254T	4	125	96	1197	1307	250	807	1336	589	13
3x2-1/2x12	3	2 <sup>1/2</sup>	20	256T	4	125	96	1197	1307	250	807	1336	589	13
3x2-1/2x12	3	2 <sup>1/2</sup>	25	284T	4	125	96	1279	1307	250	807	1336	672	13
3x2-1/2x12	3	2 <sup>1/2</sup>	30	286T	4	125	96	1279	1307	250	807	1336	672	13
4x3x6	4	3	2	145T	4	125	79	863	848	150	547	894	365	13
4x3x6	4	3	2	56H	4	125	79	853	848	150	547	894	356	13
4x3x6	4	3	3	145T	4	125	79	863	848	150	547	894	365	13
4x3x6	4	3	3	182T	4	125	79	917	848	150	547	894	419	13
4x3x6	4	3	5	215	4	125	79	920	848	150	547	894	422	13
4x3x6	4	3	5	184T	4	125	79	917	848	150	547	894	419	13
4x3x8	4	3	3	145T	4	125	96	973	1150	200	750	1179	365	13
4x3x8	4	3	3	182T	4	125	96	1027	1150	200	750	1179	419	13
4x3x8	4	3	5	215	4	125	96	1030	1150	200	750	1179	422	13
4x3x8	4	3	5	184T	4	125	96	1027	1150	200	750	1179	419	13
4x3x8	4	3	10	215T	4	125	96	1089	1150	200	750	1179	481	13
4x3x8	4	3	15	254T	4	125	96	1197	1150	200	750	1179	589	13
4x3x8	4	3	15	256T	4	125	96	1197	1150	200	750	1179	589	13
4x3x10	4	3	10	215T	4	125	96	1089	1307	250	807	1336	481	13
4x3x10	4	3	15	254T	4	125	96	1197	1307	250	807	1336	589	13
4x3x10	4	3	15	256T	4	125	96	1197	1307	250	807	1336	589	13
4x3x10	4	3	20	256T	4	125	96	1197	1307	250	807	1336	589	13
4x3x12	4	3	15	254T	4	125	96	1197	1307	250	807	1336	589	13
4x3x12	4	3	15	256T	4	125	96	1197	1307	250	807	1336	589	13
4x3x12	4	3	20	256T	4	125	96	1197	1307	250	807	1336	589	13
4x3x12	4	3	25	284T	4	125	96	1279	1307	250	807	1336	672	13
4x3x12	4	3	30	286T	4	125	96	1279	1307	250	807	1336	672	13
4x3x12	4	3	40	324T	4	125	96	1355	1307	250	807	1336	748	13
5x3x16	5	3	25	284T	4	125	96	1339	1307	250	807	1336	672	13
5x3x16	5	3	30	286T	4	125	96	1339	1307	250	807	1336	672	13
5x3x16	5	3	40	324T	4	125	96	1415	1307	250	807	1336	748	13
5x3x16	5	3	50	326T	4	125	96	1415	1307	250	807	1336	748	13
5x3x16	5	3	60	364T	4	125	96	1447	1307	250	807	1336	780	13
5x3x16	5	3	60	364TS	4	125	96	1393	1307	250	807	1336	725	13
5x4x10	5	4	10	215T	4	140	96	1104	1307	250	807	1351	481	13
5x4x10	5	4	15	254T	4	140	96	1212	1307	250	807	1351	589	13
5x4x10	5	4	15	256T	4	140	96	1212	1307	250	807	1351	589	13
5x4x10	5	4	20	256T	4	140	96	1212	1307	250	807	1351	589	13
5x4x10	5	4	25	284T	4	140	96	1294	1307	250	807	1351	672	13
5x4x12	5	4	30	286T	4	140	96	1294	1307	250	807	1351	672	13
5x4x12	5	4	40	324T	4	140	96	1370	1307	250	807	1351	748	13
5x4x12	5	4	50	326T	4	140	96	1370	1307	250	807	1351	748	13
5x4x12	5	4	60	364T	4	140	96	1402	1307	250	807	1351	780	13
5x4x12	5	4	60	364TS	4	140	96	1348	1307	250	807	1351	725	13
5x4x12	5	4	75	365T	4	140	96	1479	1307	250	807	1351	856	13
5x4x12	5	4	75	365TS	4	140	96	1348	1307	250	807	1351	725	13
5x4x12	5	4	100	404T	4	140	116	1587	1420	250	920	1444	964	13
5x4x12	5	4	100	405TS	4	140	116	1502	1420	250	920	1444	879	13

- Dimensions are subject to change
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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	Hb	HD	S1	S4	
	[inch]	[inch]	[hp]	[mm]										[kg]
3x2-1/2x10	3	2½	5	411	374	330	250	308	558	108	233	204	16	196
3x2-1/2x10	3	2½	5	411	374	330	250	308	558	108	214	204	16	212
3x2-1/2x10	3	2½	10	411	374	330	250	308	558	108	255	204	16	275
3x2-1/2x12	3	2½	15	481	444	400	280	333	613	108	396	279	16	422
3x2-1/2x12	3	2½	15	481	444	400	280	333	613	108	305	279	16	399
3x2-1/2x12	3	2½	20	481	444	400	280	333	613	108	305	279	16	402
3x2-1/2x12	3	2½	25	481	444	400	280	333	613	108	346	279	16	495
3x2-1/2x12	3	2½	30	481	444	400	280	333	613	108	346	279	16	537
4x3x6	4	3	2	466	423	366	225	240	465	60	173	197	22	133
4x3x6	4	3	2	466	423	366	225	240	465	60	173	197	22	123
4x3x6	4	3	3	466	423	366	225	240	465	60	173	197	22	144
4x3x6	4	3	3	466	423	366	225	240	465	60	227	197	22	155
4x3x6	4	3	5	466	423	366	225	240	465	60	233	197	22	155
4x3x6	4	3	5	466	423	366	225	240	465	60	214	197	22	171
4x3x8	4	3	3	411	374	330	250	288	538	108	173	229	16	175
4x3x8	4	3	3	411	374	330	250	288	538	108	227	229	16	186
4x3x8	4	3	5	411	374	330	250	288	538	108	233	229	16	186
4x3x8	4	3	5	411	374	330	250	288	538	108	214	229	16	202
4x3x8	4	3	10	411	374	330	250	288	538	108	255	229	16	265
4x3x8	4	3	15	411	374	330	250	288	538	108	305	229	16	351
4x3x8	4	3	15	411	374	330	250	288	538	108	396	229	16	374
4x3x10	4	3	10	481	444	400	280	308	588	108	255	279	16	296
4x3x10	4	3	15	481	444	400	280	308	588	108	305	279	16	382
4x3x10	4	3	15	481	444	400	280	308	588	108	396	279	16	405
4x3x10	4	3	20	481	444	400	280	308	588	108	305	279	16	385
4x3x12	4	3	15	481	444	400	315	358	673	108	305	279	16	402
4x3x12	4	3	15	481	444	400	315	358	673	108	396	279	16	425
4x3x12	4	3	20	481	444	400	315	358	673	108	305	279	16	405
4x3x12	4	3	25	481	444	400	315	358	673	108	346	279	16	498
4x3x12	4	3	30	481	444	400	315	358	673	108	346	279	16	540
4x3x12	4	3	40	481	444	400	315	358	673	108	395	279	16	656
5x3x16	5	3	25	481	444	400	355	388	743	108	346	279	16	546
5x3x16	5	3	30	481	444	400	355	388	743	108	346	279	16	588
5x3x16	5	3	40	481	444	400	355	388	743	108	395	279	16	704
5x3x16	5	3	50	481	444	400	355	388	743	108	395	279	16	737
5x3x16	5	3	60	481	444	400	355	388	743	108	421	279	16	942
5x3x16	5	3	60	481	444	400	355	388	743	108	421	279	16	695
5x4x10	5	4	10	481	444	400	280	333	613	108	255	294	16	306
5x4x10	5	4	15	481	444	400	280	333	613	108	305	294	16	392
5x4x10	5	4	15	481	444	400	280	333	613	108	396	294	16	415
5x4x10	5	4	20	481	444	400	280	333	613	108	305	294	16	395
5x4x10	5	4	25	481	444	400	280	333	613	108	346	294	16	488
5x4x12	5	4	30	481	444	400	315	358	673	108	346	294	16	549
5x4x12	5	4	40	481	444	400	315	358	673	108	395	294	16	665
5x4x12	5	4	50	481	444	400	315	358	673	108	395	294	16	698
5x4x12	5	4	60	481	444	400	315	358	673	108	421	294	16	903
5x4x12	5	4	60	481	444	400	315	358	673	108	421	294	16	656
5x4x12	5	4	75	481	444	400	315	358	673	108	552	294	16	985
5x4x12	5	4	75	481	444	400	315	358	673	108	421	294	16	734
5x4x12	5	4	100	561	524	446	315	362	677	108	468	274	16	1296
5x4x12	5	4	100	561	524	446	315	362	677	108	468	274	16	760

- Dimensions are subject to change
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# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Motor housing	Number of poles	Dimensions										
	DN S	DN D									a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
	[inch]		[hp]	-		[mm]										
5x4x6	5	4	5	215	4	125	96	1030	1150	200	750	1179	422	13		
5x4x6	5	4	5	184T	4	125	96	1027	1150	200	750	1179	419	13		
5x4x6	5	4	10	215T	4	125	96	1089	1150	200	750	1179	481	13		
5x4x6	5	4	15	254T	4	125	96	1197	1150	200	750	1179	589	13		
5x4x6	5	4	15	256T	4	125	96	1197	1150	200	750	1179	589	13		
5x4x8	5	4	3	145T	4	125	96	973	1150	200	750	1179	365	13		
5x4x8	5	4	3	182T	4	125	96	1027	1150	200	750	1179	419	13		
5x4x8	5	4	5	215	4	125	96	1030	1150	200	750	1179	422	13		
5x4x8	5	4	5	184T	4	125	96	1027	1150	200	750	1179	419	13		
5x4x8	5	4	10	215T	4	125	96	1089	1150	200	750	1179	481	13		
5x4x8	5	4	15	254T	4	125	96	1197	1150	200	750	1179	589	13		
5x4x8	5	4	15	256T	4	125	96	1197	1150	200	750	1179	589	13		
5x4x16	5	4	30	286T	4	140	116	1354	1420	250	920	1444	672	13		
5x4x16	5	4	40	324T	4	140	116	1430	1420	250	920	1444	748	13		
5x4x16	5	4	50	326T	4	140	116	1430	1420	250	920	1444	748	13		
5x4x16	5	4	60	364T	4	140	116	1462	1420	250	920	1444	780	13		
5x4x16	5	4	60	364TS	4	140	116	1408	1420	250	920	1444	725	13		
5x4x16	5	4	75	365T	4	140	116	1539	1420	250	920	1444	856	13		
5x4x16	5	4	75	365TS	4	140	116	1408	1420	250	920	1444	725	13		
5x4x16	5	4	100	404T	4	140	116	1647	1420	250	920	1444	964	13		
5x4x16	5	4	100	405TS	4	140	116	1562	1420	250	920	1444	879	13		
6x5x8	6	5	15	254T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x8	6	5	15	256T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x8	6	5	20	256T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x8	6	5	25	284T	4	140	96	1294	1307	250	807	1351	672	13		
6x5x8	6	5	30	286T	4	140	96	1294	1307	250	807	1351	672	13		
6x5x8	6	5	40	324T	4	140	96	1370	1307	250	807	1351	748	13		
6x5x10	6	5	15	254T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x10	6	5	15	256T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x10	6	5	20	256T	4	140	96	1212	1307	250	807	1351	589	13		
6x5x10	6	5	25	284T	4	140	96	1294	1307	250	807	1351	672	13		
6x5x10	6	5	30	286T	4	140	96	1294	1307	250	807	1351	672	13		
6x5x10	6	5	40	324T	4	140	96	1370	1307	250	807	1351	748	13		
6x5x12	6	5	30	286T	4	140	116	1354	1420	250	920	1444	672	13		
6x5x12	6	5	40	324T	4	140	116	1430	1420	250	920	1444	748	13		
6x5x12	6	5	50	326T	4	140	116	1430	1420	250	920	1444	748	13		
6x5x12	6	5	60	364T	4	140	116	1462	1420	250	920	1444	780	13		
6x5x12	6	5	60	364TS	4	140	116	1408	1420	250	920	1444	725	13		
6x5x12	6	5	75	365T	4	140	116	1539	1420	250	920	1444	856	13		
6x5x12	6	5	75	365TS	4	140	116	1408	1420	250	920	1444	725	13		

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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	H <sub>b</sub>	HD	S1	S4	
	[inch]		[hp]	[mm]										[kg]
5x4x6	5	4	5	411	374	330	280	308	588	108	233	229	16	204
5x4x6	5	4	5	411	374	330	280	308	588	108	214	229	16	220
5x4x6	5	4	10	411	374	330	280	308	588	108	255	229	16	283
5x4x6	5	4	15	411	374	330	280	308	588	108	305	229	16	369
5x4x6	5	4	15	411	374	330	280	308	588	108	396	229	16	392
5x4x8	5	4	3	411	374	330	280	308	588	108	173	229	16	185
5x4x8	5	4	3	411	374	330	280	308	588	108	227	229	16	196
5x4x8	5	4	5	411	374	330	280	308	588	108	233	229	16	196
5x4x8	5	4	5	411	374	330	280	308	588	108	214	229	16	212
5x4x8	5	4	10	411	374	330	280	308	588	108	255	229	16	275
5x4x8	5	4	15	411	374	330	280	308	588	108	305	229	16	361
5x4x8	5	4	15	411	374	330	280	308	588	108	396	229	16	384
5x4x16	5	4	30	561	524	446	355	388	743	108	346	274	16	627
5x4x16	5	4	40	561	524	446	355	388	743	108	395	274	16	743
5x4x16	5	4	50	561	524	446	355	388	743	108	395	274	16	776
5x4x16	5	4	60	561	524	446	355	388	743	108	421	274	16	981
5x4x16	5	4	60	561	524	446	355	388	743	108	421	274	16	734
5x4x16	5	4	75	561	524	446	355	388	743	108	552	274	16	1063
5x4x16	5	4	75	561	524	446	355	388	743	108	421	274	16	812
5x4x16	5	4	100	561	524	446	355	388	743	108	468	274	16	1369
5x4x16	5	4	100	561	524	446	355	388	743	108	468	274	16	833
6x5x8	6	5	15	481	444	400	315	358	673	108	305	294	16	407
6x5x8	6	5	15	481	444	400	315	358	673	108	396	294	16	430
6x5x8	6	5	20	481	444	400	315	358	673	108	305	294	16	410
6x5x8	6	5	25	481	444	400	315	358	673	108	346	294	16	503
6x5x8	6	5	30	481	444	400	315	358	673	108	346	294	16	545
6x5x8	6	5	40	481	444	400	315	358	673	108	395	294	16	661
6x5x10	6	5	15	481	444	400	355	358	713	108	305	294	16	409
6x5x10	6	5	15	481	444	400	355	358	713	108	396	294	16	432
6x5x10	6	5	20	481	444	400	355	358	713	108	305	294	16	412
6x5x10	6	5	25	481	444	400	355	358	713	108	346	294	16	505
6x5x10	6	5	30	481	444	400	355	358	713	108	346	294	16	547
6x5x10	6	5	40	481	444	400	355	358	713	108	395	294	16	663
6x5x12	6	5	30	561	524	446	355	388	743	108	346	274	16	601
6x5x12	6	5	40	561	524	446	355	388	743	108	395	274	16	717
6x5x12	6	5	50	561	524	446	355	388	743	108	395	274	16	750
6x5x12	6	5	60	561	524	446	355	388	743	108	421	274	16	955
6x5x12	6	5	60	561	524	446	355	388	743	108	421	274	16	708
6x5x12	6	5	75	561	524	446	355	388	743	108	552	274	16	1037
6x5x12	6	5	75	561	524	446	355	388	743	108	421	274	16	786

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Motor housing	Number of poles	Dimensions								
	DN S	DN D				-			a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
	[inch]		[hp]	-			[mm]							
6x5x16	6	5	40	324T	4	140	116	1430	1420	250	920	1444	748	13
6x5x16	6	5	50	326T	4	140	116	1430	1420	250	920	1444	748	13
6x5x16	6	5	60	364T	4	140	116	1462	1420	250	920	1444	780	13
6x5x16	6	5	60	364TS	4	140	116	1408	1420	250	920	1444	725	13
6x5x16	6	5	75	365T	4	140	116	1539	1420	250	920	1444	856	13
6x5x16	6	5	75	365TS	4	140	116	1408	1420	250	920	1444	725	13
6x5x16	6	5	100	404T	4	140	116	1647	1420	250	920	1444	964	13
6x5x16	6	5	100	405TS	4	140	116	1562	1420	250	920	1444	879	13
6x5x16	6	5	125	405T	4	140	116	1558	1420	250	920	1444	876	13
6x5x16	6	5	125	405TS	4	140	116	1473	1420	250	920	1444	790	13
6x5x16	6	5	150	444T	4	140	116	1689	1650	300	1050	1674	1006	13
6x5x16	6	5	150	444TS	4	140	116	1594	1650	300	1050	1674	911	13
8x6x8	8	6	15	254T	4	160	116	1232	1650	300	1050	1694	589	13
8x6x8	8	6	15	256T	4	160	116	1232	1650	300	1050	1694	589	13
8x6x8	8	6	20	256T	4	160	116	1232	1650	300	1050	1694	589	13
8x6x8	8	6	25	284T	4	160	116	1314	1650	300	1050	1694	672	13
8x6x8	8	6	30	286T	4	160	116	1314	1650	300	1050	1694	672	13
8x6x8	8	6	40	324T	4	160	116	1390	1650	300	1050	1694	748	13
8x6x10	8	6	30	286T	4	160	116	1314	1420	250	920	1464	672	13
8x6x10	8	6	40	324T	4	160	116	1390	1420	250	920	1464	748	13
8x6x10	8	6	50	326T	4	160	116	1390	1420	250	920	1464	748	13
8x6x10	8	6	60	364T	4	160	116	1422	1420	250	920	1464	780	13
8x6x10	8	6	60	364TS	4	160	116	1368	1420	250	920	1464	725	13
8x6x10	8	6	75	365T	4	160	116	1499	1420	250	920	1464	856	13
8x6x10	8	6	75	365TS	4	160	116	1368	1420	250	920	1464	725	13
8x6x12	8	6	50	326T	4	160	116	1450	1650	300	1050	1694	748	13
8x6x12	8	6	60	364T	4	160	116	1482	1650	300	1050	1694	780	13
8x6x12	8	6	60	364TS	4	160	116	1428	1650	300	1050	1694	725	13
8x6x12	8	6	75	365T	4	160	116	1559	1650	300	1050	1694	856	13
8x6x12	8	6	75	365TS	4	160	116	1428	1650	300	1050	1694	725	13
8x6x12	8	6	100	404T	4	160	116	1667	1650	300	1050	1694	964	13
8x6x12	8	6	100	405TS	4	160	116	1582	1650	300	1050	1694	879	13
8x6x12	8	6	125	405T	4	160	116	1578	1650	300	1050	1694	876	13
8x6x12	8	6	125	405TS	4	160	116	1493	1650	300	1050	1694	790	13
8x6x16	8	6	75	365T	4	160	116	1559	1650	300	1050	1694	856	13
8x6x16	8	6	75	365TS	4	160	116	1428	1650	300	1050	1694	725	13
8x6x16	8	6	100	404T	4	160	116	1667	1650	300	1050	1694	964	13
8x6x16	8	6	100	405TS	4	160	116	1582	1650	300	1050	1694	879	13
8x6x16	8	6	125	405T	4	160	116	1578	1650	300	1050	1694	876	13
8x6x16	8	6	125	405TS	4	160	116	1493	1650	300	1050	1694	790	13
8x6x16	8	6	150	444T	4	160	116	1709	1650	300	1050	1694	1006	13
8x6x16	8	6	150	444TS	4	160	116	1614	1650	300	1050	1694	911	13
8x6x16	8	6	200	445T	4	160	116	1709	1650	300	1050	1694	1006	13

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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 4 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	H <sub>b</sub>	HD	S1	S4	
	[inch]		[hp]	[mm]										[kg]
6x5x16	6	5	40	561	524	446	400	423	823	108	395	274	16	754
6x5x16	6	5	50	561	524	446	400	423	823	108	395	274	16	787
6x5x16	6	5	60	561	524	446	400	423	823	108	421	274	16	992
6x5x16	6	5	60	561	524	446	400	423	823	108	421	274	16	745
6x5x16	6	5	75	561	524	446	400	423	823	108	552	274	16	1074
6x5x16	6	5	75	561	524	446	400	423	823	108	421	274	16	823
6x5x16	6	5	100	561	524	446	400	423	823	108	468	274	16	1380
6x5x16	6	5	100	561	524	446	400	423	823	108	468	274	16	844
6x5x16	6	5	125	561	524	446	400	423	823	108	468	274	16	1504
6x5x16	6	5	125	561	524	446	400	423	823	108	468	274	16	991
6x5x16	6	5	150	621	584	540	400	423	823	108	654	324	16	1696
6x5x16	6	5	150	621	584	540	400	423	823	108	648	324	16	1677
8x6x8	8	6	15	621	584	540	400	388	788	108	305	344	16	460
8x6x8	8	6	15	621	584	540	400	388	788	108	396	344	16	483
8x6x8	8	6	20	621	584	540	400	388	788	108	305	344	16	463
8x6x8	8	6	25	621	584	540	400	388	788	108	346	344	16	556
8x6x8	8	6	30	621	584	540	400	388	788	108	346	344	16	598
8x6x8	8	6	40	621	584	540	400	388	788	108	395	344	16	714
8x6x10	8	6	30	561	524	446	400	388	788	108	346	294	16	578
8x6x10	8	6	40	561	524	446	400	388	788	108	395	294	16	694
8x6x10	8	6	50	561	524	446	400	388	788	108	395	294	16	727
8x6x10	8	6	60	561	524	446	400	388	788	108	421	294	16	932
8x6x10	8	6	60	561	524	446	400	388	788	108	421	294	16	685
8x6x10	8	6	75	561	524	446	400	388	788	108	552	294	16	1014
8x6x10	8	6	75	561	524	446	400	388	788	108	421	294	16	763
8x6x12	8	6	50	621	584	540	400	388	788	108	395	344	16	794
8x6x12	8	6	60	621	584	540	400	388	788	108	421	344	16	999
8x6x12	8	6	60	621	584	540	400	388	788	108	421	344	16	752
8x6x12	8	6	75	621	584	540	400	388	788	108	552	344	16	1081
8x6x12	8	6	75	621	584	540	400	388	788	108	421	344	16	830
8x6x12	8	6	100	621	584	540	400	388	788	108	468	344	16	1387
8x6x12	8	6	100	621	584	540	400	388	788	108	468	344	16	851
8x6x12	8	6	125	621	584	540	400	388	788	108	468	344	16	1511
8x6x12	8	6	125	621	584	540	400	388	788	108	468	344	16	998
8x6x16	8	6	75	621	584	540	450	423	873	108	552	344	16	1116
8x6x16	8	6	75	621	584	540	450	423	873	108	421	344	16	865
8x6x16	8	6	100	621	584	540	450	423	873	108	468	344	16	1422
8x6x16	8	6	100	621	584	540	450	423	873	108	468	344	16	886
8x6x16	8	6	125	621	584	540	450	423	873	108	468	344	16	1546
8x6x16	8	6	125	621	584	540	450	423	873	108	468	344	16	1033
8x6x16	8	6	150	621	584	540	450	423	873	108	654	344	16	1713
8x6x16	8	6	150	621	584	540	450	423	873	108	648	344	16	1694
8x6x16	8	6	200	621	584	540	450	423	873	108	654	344	16	1804

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# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Motor housing	Number of poles	Dimensions								
	DN S	DN D				-			a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
	[inch]		[hp]	-			[mm]							
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	1	56	2	80	66	816	834	150	534	848	363	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	56	2	80	66	745	834	150	534	848	292	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	143T	2	80	66	818	834	150	534	848	365	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	2	145T	2	80	66	818	834	150	534	848	365	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	3	56H	2	80	66	808	834	150	534	848	356	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	2	80	66	818	834	150	534	848	365	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2x1-1/4x5	2	1 <sup>1</sup> / <sub>4</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	3	56H	2	80	66	808	834	150	534	848	356	13
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	2	80	66	818	834	150	534	848	365	13
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2x1-1/4x6	2	1 <sup>1</sup> / <sub>4</sub>	10	213T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	3	56H	2	80	66	808	834	150	534	848	356	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	3	145T	2	80	66	818	834	150	534	848	365	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	10	213T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x6B	2	1 <sup>1</sup> / <sub>4</sub>	15	215T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	10	213T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	15	215T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x8	2	1 <sup>1</sup> / <sub>4</sub>	20	254T	2	80	96	1067	1150	200	750	1134	614	13
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	10	213T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	15	215T	2	80	66	934	834	150	534	848	481	13
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	20	254T	2	80	96	1067	1150	200	750	1134	614	13
2x1-1/4x8B	2	1 <sup>1</sup> / <sub>4</sub>	25	256T	2	80	96	1067	1150	200	750	1134	614	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	56	2	80	66	745	834	150	534	848	292	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	143T	2	80	66	818	834	150	534	848	365	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	2	145T	2	80	66	818	834	150	534	848	365	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	3	56H	2	80	66	808	834	150	534	848	356	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	3	145T	2	80	66	818	834	150	534	848	365	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2-1/2x1-1/2x5	2	1 <sup>1</sup> / <sub>2</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	213	2	80	66	875	834	150	534	848	422	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	5	182T	2	80	66	872	834	150	534	848	419	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	10	213T	2	80	66	934	834	150	534	848	481	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	15	215T	2	80	66	934	834	150	534	848	481	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	20	254T	2	80	96	1067	1150	200	750	1134	614	13
2-1/2x1-1/2x6	2	1 <sup>1</sup> / <sub>2</sub>	25	256T	2	80	96	1067	1150	200	750	1134	614	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	10	213T	2	100	79	954	848	150	547	869	481	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	15	215T	2	100	79	954	848	150	547	869	481	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	20	254T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	25	256T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	30	284TS	2	100	96	1109	1150	200	750	1154	637	13
2-1/2x1-1/2x8	2	1 <sup>1</sup> / <sub>2</sub>	40	286TS	2	100	96	1109	1150	200	750	1154	637	13

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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 2 pole motors														
Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Dimensions										Weight approx.
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	H <sub>b</sub>	HD	S1	S4	M
	[inch]		[hp]	[mm]										[kg]
2x1-1/4x5	2	1 1/4	1	378	334	277	140	172	312	60	173	164	22	99
2x1-1/4x5	2	1 1/4	2	378	334	277	140	172	312	60	161	164	22	99
2x1-1/4x5	2	1 1/4	2	378	334	277	140	172	312	60	173	164	22	104
2x1-1/4x5	2	1 1/4	2	378	334	277	140	172	312	60	173	164	22	105
2x1-1/4x5	2	1 1/4	3	378	334	277	140	172	312	60	173	164	22	107
2x1-1/4x5	2	1 1/4	3	378	334	277	140	172	312	60	173	164	22	119
2x1-1/4x5	2	1 1/4	5	378	334	277	140	193	333	60	233	164	22	131
2x1-1/4x5	2	1 1/4	5	378	334	277	140	174	314	60	214	164	22	143
2x1-1/4x6	2	1 1/4	3	378	334	277	160	192	352	60	173	164	22	109
2x1-1/4x6	2	1 1/4	3	378	334	277	160	192	352	60	173	164	22	121
2x1-1/4x6	2	1 1/4	5	378	334	277	160	193	353	60	233	164	22	133
2x1-1/4x6	2	1 1/4	5	378	334	277	160	192	352	60	214	164	22	145
2x1-1/4x6	2	1 1/4	10	378	334	277	160	193	353	60	255	164	22	199
2x1-1/4x6B	2	1 1/4	3	378	334	277	160	192	352	60	173	164	22	109
2x1-1/4x6B	2	1 1/4	3	378	334	277	160	192	352	60	173	164	22	121
2x1-1/4x6B	2	1 1/4	5	378	334	277	160	193	353	60	233	164	22	133
2x1-1/4x6B	2	1 1/4	5	378	334	277	160	192	352	60	214	164	22	145
2x1-1/4x6B	2	1 1/4	10	378	334	277	160	193	353	60	255	164	22	199
2x1-1/4x6B	2	1 1/4	15	378	334	277	160	193	353	60	255	164	22	216
2x1-1/4x8	2	1 1/4	5	378	334	277	180	220	400	60	233	164	22	134
2x1-1/4x8	2	1 1/4	5	378	334	277	180	220	400	60	214	164	22	146
2x1-1/4x8	2	1 1/4	10	378	334	277	180	220	400	60	255	164	22	200
2x1-1/4x8	2	1 1/4	15	378	334	277	180	220	400	60	255	164	22	217
2x1-1/4x8	2	1 1/4	20	411	374	330	180	268	448	108	305	184	16	297
2x1-1/4x8B	2	1 1/4	10	378	334	277	180	220	400	60	255	164	22	200
2x1-1/4x8B	2	1 1/4	15	378	334	277	180	220	400	60	255	164	22	217
2x1-1/4x8B	2	1 1/4	20	411	374	330	180	268	448	108	305	184	16	297
2x1-1/4x8B	2	1 1/4	25	411	374	330	180	268	448	108	305	184	16	333
2-1/2x1-1/2x5	2	1 1/2	2	378	334	277	140	172	312	60	161	164	22	96
2-1/2x1-1/2x5	2	1 1/2	2	378	334	277	140	172	312	60	173	164	22	101
2-1/2x1-1/2x5	2	1 1/2	2	378	334	277	140	172	312	60	173	164	22	102
2-1/2x1-1/2x5	2	1 1/2	3	378	334	277	140	172	312	60	173	164	22	104
2-1/2x1-1/2x5	2	1 1/2	3	378	334	277	140	172	312	60	173	164	22	116
2-1/2x1-1/2x5	2	1 1/2	5	378	334	277	140	193	333	60	233	164	22	128
2-1/2x1-1/2x5	2	1 1/2	5	378	334	277	140	174	314	60	214	164	22	140
2-1/2x1-1/2x6	2	1 1/2	5	378	334	277	160	193	353	60	233	164	22	130
2-1/2x1-1/2x6	2	1 1/2	5	378	334	277	160	192	352	60	214	164	22	142
2-1/2x1-1/2x6	2	1 1/2	10	378	334	277	160	193	353	60	255	164	22	196
2-1/2x1-1/2x6	2	1 1/2	15	378	334	277	160	193	353	60	255	164	22	213
2-1/2x1-1/2x6	2	1 1/2	20	411	374	330	160	267	427	108	305	184	16	293
2-1/2x1-1/2x6	2	1 1/2	25	411	374	330	160	267	427	108	305	184	16	329
2-1/2x1-1/2x8	2	1 1/2	10	466	423	366	180	220	400	60	255	172	22	209
2-1/2x1-1/2x8	2	1 1/2	15	466	423	366	180	220	400	60	255	172	22	226
2-1/2x1-1/2x8	2	1 1/2	20	411	374	330	180	268	448	108	305	204	16	299
2-1/2x1-1/2x8	2	1 1/2	25	411	374	330	180	268	448	108	305	204	16	335
2-1/2x1-1/2x8	2	1 1/2	30	411	374	330	180	286	466	108	346	204	16	416
2-1/2x1-1/2x8	2	1 1/2	40	411	374	330	180	286	466	108	346	204	16	471

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

## Single pumps (heating, air-conditioning, cooling and industry)

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D	P <sub>2</sub>			a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>	L <sub>5</sub>	X
	[inch]		[hp]	-	-	[mm]								
2-1/2x2x5	2 <sup>1/2</sup>	2	3	56H	2	100	66	828	834	150	534	868	356	13
2-1/2x2x5	2 <sup>1/2</sup>	2	3	145T	2	100	66	838	834	150	534	868	365	13
2-1/2x2x5	2 <sup>1/2</sup>	2	5	213	2	100	66	895	834	150	534	868	422	13
2-1/2x2x5	2 <sup>1/2</sup>	2	5	182T	2	100	66	892	834	150	534	868	419	13
2-1/2x2x5	2 <sup>1/2</sup>	2	10	213T	2	100	66	954	834	150	534	868	481	13
2-1/2x2x5	2 <sup>1/2</sup>	2	15	215T	2	100	66	954	834	150	534	868	481	13
2-1/2x2x6	2 <sup>1/2</sup>	2	10	213T	2	100	79	954	848	150	547	869	481	13
2-1/2x2x6	2 <sup>1/2</sup>	2	15	215T	2	100	79	954	848	150	547	869	481	13
2-1/2x2x6	2 <sup>1/2</sup>	2	20	254T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x2x6	2 <sup>1/2</sup>	2	25	256T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x2x6	2 <sup>1/2</sup>	2	30	284TS	2	100	96	1109	1150	200	750	1154	637	13
2-1/2x2x8	2 <sup>1/2</sup>	2	15	215T	2	100	79	954	848	150	547	869	481	13
2-1/2x2x8	2 <sup>1/2</sup>	2	20	254T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x2x8	2 <sup>1/2</sup>	2	25	256T	2	100	96	1087	1150	200	750	1154	614	13
2-1/2x2x8	2 <sup>1/2</sup>	2	30	284TS	2	100	96	1109	1150	200	750	1154	637	13
2-1/2x2x8	2 <sup>1/2</sup>	2	40	286TS	2	100	96	1109	1150	200	750	1154	637	13
2-1/2x2x8	2 <sup>1/2</sup>	2	50	324TS	2	100	96	1151	1307	250	807	1311	678	13
3x2-1/2x5	3	2 <sup>1/2</sup>	5	213	2	100	79	895	848	150	547	869	422	13
3x2-1/2x5	3	2 <sup>1/2</sup>	5	182T	2	100	79	892	848	150	547	869	419	13
3x2-1/2x5	3	2 <sup>1/2</sup>	10	213T	2	100	79	954	848	150	547	869	481	13
3x2-1/2x5	3	2 <sup>1/2</sup>	15	215T	2	100	79	954	848	150	547	869	481	13
3x2-1/2x5	3	2 <sup>1/2</sup>	20	254T	2	100	96	1087	1150	200	750	1154	614	13
3x2-1/2x6	3	2 <sup>1/2</sup>	10	213T	2	100	79	954	848	150	547	869	481	13
3x2-1/2x6	3	2 <sup>1/2</sup>	15	215T	2	100	79	954	848	150	547	869	481	13
3x2-1/2x6	3	2 <sup>1/2</sup>	20	254T	2	100	96	1087	1150	200	750	1154	614	13
3x2-1/2x6	3	2 <sup>1/2</sup>	25	256T	2	100	96	1087	1150	200	750	1154	614	13
3x2-1/2x6	3	2 <sup>1/2</sup>	30	284TS	2	100	96	1109	1150	200	750	1154	637	13
3x2-1/2x6	3	2 <sup>1/2</sup>	40	286TS	2	100	96	1109	1150	200	750	1154	637	13
3x2-1/2x8	3	2 <sup>1/2</sup>	20	254T	2	100	96	1087	1150	200	750	1154	614	13
3x2-1/2x8	3	2 <sup>1/2</sup>	25	256T	2	100	96	1087	1150	200	750	1154	614	13
3x2-1/2x8	3	2 <sup>1/2</sup>	30	284TS	2	100	96	1109	1150	200	750	1154	637	13
3x2-1/2x8	3	2 <sup>1/2</sup>	40	286TS	2	100	96	1109	1150	200	750	1154	637	13
3x2-1/2x8	3	2 <sup>1/2</sup>	50	324TS	2	100	96	1151	1307	250	807	1311	678	13
3x2-1/2x8	3	2 <sup>1/2</sup>	60	326TS	2	100	96	1163	1307	250	807	1311	691	13
4x3x6	4	3	10	213T	2	125	79	979	848	150	547	894	481	13
4x3x6	4	3	15	215T	2	125	79	979	848	150	547	894	481	13
4x3x6	4	3	20	254T	2	125	96	1112	1150	200	750	1179	614	13
4x3x6	4	3	25	256T	2	125	96	1112	1150	200	750	1179	614	13
4x3x6	4	3	30	284TS	2	125	96	1134	1150	200	750	1179	637	13
4x3x6	4	3	40	286TS	2	125	96	1134	1150	200	750	1179	637	13
4x3x6	4	3	50	324TS	2	125	96	1176	1307	250	807	1336	678	13
4x3x6	4	3	60	326TS	2	125	96	1188	1307	250	807	1336	691	13
4x3x8	4	3	25	256T	2	125	96	1222	1150	200	750	1179	614	13
4x3x8	4	3	30	284TS	2	125	96	1244	1150	200	750	1179	637	13
4x3x8	4	3	40	286TS	2	125	96	1244	1150	200	750	1179	637	13
4x3x8	4	3	50	324TS	2	125	96	1286	1307	250	807	1336	678	13
4x3x8	4	3	60	326TS	2	125	96	1298	1307	250	807	1336	691	13
4x3x8	4	3	75	364TS	2	125	96	1333	1307	250	807	1336	725	13
4x3x8	4	3	100	365TS	2	125	96	1333	1307	250	807	1336	725	13

- Dimensions are subject to change
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### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	H <sub>b</sub>	HD	S1	S4	
	[inch]		[hp]	[mm]										[kg]
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	3	378	334	277	160	192	352	60	173	184	22	106
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	3	378	334	277	160	192	352	60	173	184	22	118
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	5	378	334	277	160	193	353	60	233	184	22	130
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	5	378	334	277	160	192	352	60	214	184	22	142
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	10	378	334	277	160	193	353	60	255	184	22	196
2-1/2x2x5	2 <sup>1</sup> / <sub>2</sub>	2	15	378	334	277	160	193	353	60	255	184	22	213
2-1/2x2x6	2 <sup>1</sup> / <sub>2</sub>	2	10	466	423	366	180	220	400	60	255	172	22	209
2-1/2x2x6	2 <sup>1</sup> / <sub>2</sub>	2	15	466	423	366	180	220	400	60	255	172	22	226
2-1/2x2x6	2 <sup>1</sup> / <sub>2</sub>	2	20	411	374	330	180	268	448	108	305	204	16	299
2-1/2x2x6	2 <sup>1</sup> / <sub>2</sub>	2	25	411	374	330	180	268	448	108	305	204	16	335
2-1/2x2x6	2 <sup>1</sup> / <sub>2</sub>	2	30	411	374	330	180	286	466	108	346	204	16	416
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	15	466	423	366	200	220	420	60	255	172	22	230
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	20	411	374	330	200	268	468	108	305	204	16	303
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	25	411	374	330	200	268	468	108	305	204	16	339
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	30	411	374	330	200	286	486	108	346	204	16	420
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	40	411	374	330	200	286	486	108	346	204	16	475
2-1/2x2x8	2 <sup>1</sup> / <sub>2</sub>	2	50	481	444	400	200	311	511	108	372	254	16	560
3x2-1/2x5	3	2 <sup>1</sup> / <sub>2</sub>	5	466	423	366	180	220	400	60	233	172	22	140
3x2-1/2x5	3	2 <sup>1</sup> / <sub>2</sub>	5	466	423	366	180	220	400	60	214	172	22	152
3x2-1/2x5	3	2 <sup>1</sup> / <sub>2</sub>	10	466	423	366	180	220	400	60	255	172	22	206
3x2-1/2x5	3	2 <sup>1</sup> / <sub>2</sub>	15	466	423	366	180	220	400	60	255	172	22	223
3x2-1/2x5	3	2 <sup>1</sup> / <sub>2</sub>	20	411	374	330	180	268	448	108	305	204	16	296
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	10	466	423	366	200	220	420	60	255	172	22	212
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	15	466	423	366	200	220	420	60	255	172	22	229
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	20	411	374	330	200	268	468	108	305	204	16	302
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	25	411	374	330	200	268	468	108	305	204	16	338
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	30	411	374	330	200	286	486	108	346	204	16	419
3x2-1/2x6	3	2 <sup>1</sup> / <sub>2</sub>	40	411	374	330	200	286	486	108	346	204	16	474
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	20	411	374	330	225	288	513	108	305	204	16	308
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	25	411	374	330	225	288	513	108	305	204	16	344
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	30	411	374	330	225	288	513	108	346	204	16	425
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	40	411	374	330	225	288	513	108	346	204	16	480
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	50	481	444	400	225	311	536	108	372	254	16	565
3x2-1/2x8	3	2 <sup>1</sup> / <sub>2</sub>	60	481	444	400	225	311	536	108	396	254	16	581
4x3x6	4	3	10	466	423	366	225	240	465	60	255	197	22	216
4x3x6	4	3	15	466	423	366	225	240	465	60	255	197	22	233
4x3x6	4	3	20	411	374	330	225	288	513	108	305	229	16	306
4x3x6	4	3	25	411	374	330	225	288	513	108	305	229	16	342
4x3x6	4	3	30	411	374	330	225	288	513	108	346	229	16	423
4x3x6	4	3	40	411	374	330	225	288	513	108	346	229	16	478
4x3x6	4	3	50	481	444	400	225	311	536	108	372	279	16	563
4x3x6	4	3	60	481	444	400	225	311	536	108	396	279	16	579
4x3x8	4	3	25	411	374	330	250	288	538	108	305	229	16	359
4x3x8	4	3	30	411	374	330	250	288	538	108	346	229	16	440
4x3x8	4	3	40	411	374	330	250	288	538	108	346	229	16	495
4x3x8	4	3	50	481	444	400	250	311	561	108	372	279	16	580
4x3x8	4	3	60	481	444	400	250	311	561	108	396	279	16	596
4x3x8	4	3	75	481	444	400	250	337	587	108	421	279	16	870
4x3x8	4	3	100	481	444	400	250	337	587	108	421	279	16	943

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) - 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power	Motor housing	Number of poles	Dimensions								
	DN S	DN D				P <sub>2</sub>	-	a	A	L	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	L <sub>4</sub>
	[inch]		[hp]	-	[mm]									
5x4x6	5	4	40	286TS	2	125	96	1244	1150	200	750	1179	637	13
5x4x6	5	4	50	324TS	2	125	96	1286	1307	250	807	1336	678	13
5x4x6	5	4	60	326TS	2	125	96	1298	1307	250	807	1336	691	13
5x4x6	5	4	75	364TS	2	125	96	1333	1307	250	807	1336	725	13
5x4x6	5	4	100	365TS	2	125	96	1333	1307	250	807	1336	725	13
5x4x8	5	4	40	286TS	2	125	96	1244	1150	200	750	1179	637	13
5x4x8	5	4	50	324TS	2	125	96	1286	1307	250	807	1336	678	13
5x4x8	5	4	60	326TS	2	125	96	1298	1307	250	807	1336	691	13
5x4x8	5	4	75	364TS	2	125	96	1333	1307	250	807	1336	725	13
5x4x8	5	4	100	365TS	2	125	96	1333	1307	250	807	1336	725	13
5x4x8	5	4	125	404TS	2	125	116	1487	1420	250	920	1429	879	13

- Dimensions are subject to change
- Not to be used for construction purposes unless certified

### Dimensions, weights Wilo-CronoNorm-NL

Dimensions, weights (SI units) – 2 pole motors

Wilo-CronoNorm-NL...	Nominal diameter		Nominal motor power P <sub>2</sub>	Dimensions										Weight approx. M
	DN S	DN D		B2	B3	B4	H <sub>2</sub>	H <sub>3</sub>	H <sub>4</sub>	H <sub>b</sub>	HD	S1	S4	
	[inch]		[hp]	[mm]										[kg]
5x4x6	5	4	40	411	374	330	280	308	588	108	346	229	16	513
5x4x6	5	4	50	481	444	400	280	311	591	108	372	279	16	598
5x4x6	5	4	60	481	444	400	280	311	591	108	396	279	16	614
5x4x6	5	4	75	481	444	400	280	337	617	108	421	279	16	888
5x4x6	5	4	100	481	444	400	280	337	617	108	421	279	16	961
5x4x8	5	4	40	411	374	330	280	308	588	108	346	229	16	505
5x4x8	5	4	50	481	444	400	280	311	591	108	372	279	16	590
5x4x8	5	4	60	481	444	400	280	311	591	108	396	279	16	606
5x4x8	5	4	75	481	444	400	280	337	617	108	421	279	16	880
5x4x8	5	4	100	481	444	400	280	337	617	108	421	279	16	953
5x4x8	5	4	125	561	524	446	280	362	642	108	468	259	16	1222

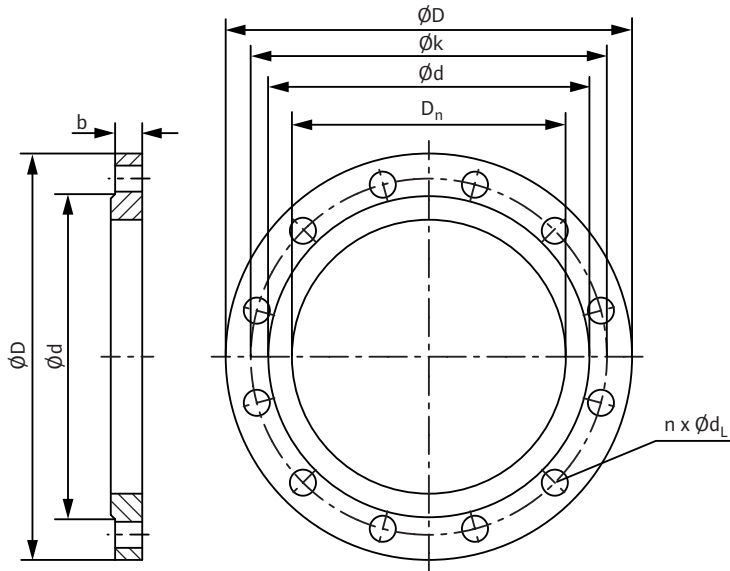
- Dimensions are subject to change
- Not to be used for construction purposes unless certified

# Norm pumps

Single pumps (heating, air-conditioning, cooling and industry)

## Dimensions, weights Wilo-CronoNorm-NL

Dimension drawing Flange (suction and discharge flanges drilled acc. to ANSI 16.5 B, 150#)



### Flange dimensions (suction side)

Wilo-CronoNorm-NL...	Pump flange dimensions					
D <sub>n</sub> , 125#	Ø D <sub>1</sub>	Ø d <sub>1</sub>	Ø k <sub>1</sub>	b <sub>1</sub>	n <sub>1</sub>	Ø d <sub>L1</sub>
	[In.]					
2	6	3 <sup>5</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	3/4	4	3/4
2 <sup>1</sup> / <sub>2</sub>	7	4 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	7/8	4	3/4
3	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	6	15/16	4	3/4
4	9	6 <sup>3</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	15/16	8	3/4
5	10	7 <sup>5</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	15/16	8	7/8
6	11	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	1	8	7/8
8	13 <sup>1</sup> / <sub>2</sub>	10 <sup>5</sup> / <sub>8</sub>	11 <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>8</sub>	8	7/8

### Flange dimensions (discharge side)

Wilo-CronoNorm-NL...	Pump flange dimensions					
D <sub>n</sub> , 125#	Ø D <sub>2</sub>	Ø d <sub>2</sub>	Ø k <sub>2</sub>	b <sub>2</sub>	n <sub>2</sub>	Ø d <sub>L2</sub>
	[In.]					
1 <sup>1</sup> / <sub>4</sub>	4 <sup>5</sup> / <sub>8</sub>	2 <sup>1</sup> / <sub>2</sub>	3 <sup>1</sup> / <sub>2</sub>	5/8	4	5/8
1 <sup>1</sup> / <sub>2</sub>	5	2 <sup>7</sup> / <sub>8</sub>	3 <sup>7</sup> / <sub>8</sub>	11/16	4	5/8
2	6	3 <sup>5</sup> / <sub>8</sub>	4 <sup>3</sup> / <sub>4</sub>	3/4	4	3/4
2 <sup>1</sup> / <sub>2</sub>	7	4 <sup>1</sup> / <sub>8</sub>	5 <sup>1</sup> / <sub>2</sub>	7/8	4	3/4
3	7 <sup>1</sup> / <sub>2</sub>	5 <sup>1</sup> / <sub>2</sub>	6	15/16	4	3/4
4	9	6 <sup>3</sup> / <sub>16</sub>	7 <sup>1</sup> / <sub>2</sub>	15/16	8	3/4
5	10	7 <sup>5</sup> / <sub>16</sub>	8 <sup>1</sup> / <sub>2</sub>	15/16	8	7/8
6	11	8 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	1	8	7/8

### Dimensions, weights Wilo-CronoNorm-NL

#### Flange dimensions (suction side)

Wilo-CronoNorm-NL...	Pump flange dimensions					
D <sub>n</sub> , 125#	∅ D <sub>1</sub>	∅ d <sub>1</sub>	∅ k <sub>1</sub>	b <sub>1</sub>	n <sub>1</sub>	∅ d <sub>L1</sub>
	[mm]					
2	152.4	92.08	120.65	19.05	4	19.05
2 <sup>1</sup> / <sub>2</sub>	177.8	104.8	139.7	22.23	4	19.05
3	190.5	139.7	152.4	23.81	4	19.05
4	228.6	157.2	190.5	23.81	8	19.05
5	254	185.7	215.9	23.81	8	22.23
6	279.4	215.9	241.3	25.4	8	22.23
8	342.9	269.9	298.45	28.57	8	22.23

#### Flange dimensions (discharge side)

Wilo-CronoNorm-NL...	Pump flange dimensions					
D <sub>n</sub> , 125#	∅ D <sub>2</sub>	∅ d <sub>2</sub>	∅ k <sub>2</sub>	b <sub>2</sub>	n <sub>2</sub>	∅ d <sub>L2</sub>
	[mm]					
1 <sup>1</sup> / <sub>4</sub>	117.47	63.5	88.9	15.88	4	15.88
1 <sup>1</sup> / <sub>2</sub>	127	73.2	98.42	17.46	4	15.88
2	152.4	92.08	120.65	19.05	4	19.05
2 <sup>1</sup> / <sub>2</sub>	177.8	104.8	139.7	22.23	4	19.05
3	190.5	139.7	152.4	23.81	4	19.05
4	228.6	157.2	190.5	23.81	8	19.05
5	254	185.7	215.9	23.81	8	22.23
6	279.4	215.9	241.3	25.4	8	22.23