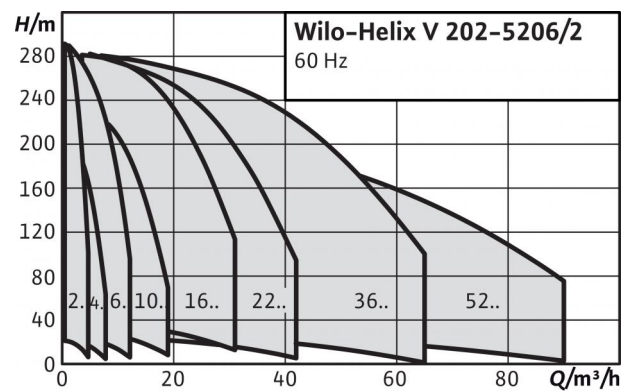


## Series description: Wilo-Helix V



Similar to figure

### Design

Non-self-priming, high-efficiency multistage high-pressure centrifugal pump in vertical design with in-line connections

### Application

- Water supply and pressure boosting
- Industrial circulation systems
- Process water
- Closed cooling circuits
- Fire extinguishing systems
- Washing systems
- Irrigation

### Type key

## Series description: Wilo-Helix V

### Type key

Example:	<b>Helix V 2202/2-1/16/E/X/KS../460-60</b>
<b>Helix V</b>	Vertical high-pressure multistage centrifugal pump in in-line design
<b>22</b>	Flow rate in m <sup>3</sup> /h
<b>02</b>	Number of impellers
<b>2</b>	Number of trimmed impellers (optionally)
<b>1</b>	Pump material
	1 = Pump housing 1.4301 (AISI 304) Hydraulics 1.4307 (AISI 304L)
	2 = Pump housing 1.4409 (AISI 316L) Hydraulics 1.4404 (AISI 316L)
<b>16</b>	Maximum operating pressure in bar
	16 = 16 bar (PN 16 flange) 25 = 25 bar (PN 25 flange) 30 = 30 bar (PN 40 flange)
<b>E</b>	Gasket type
	E = EPDM V = FKM
<b>X</b>	"X-Care" special version
<b>K</b>	Cartridge type mechanical seal
<b>S</b>	The coupling guard is on a line with suction and discharge ports of the pump.
<b>..</b>	Optional
<b>460</b>	Connection voltage in V
<b>60</b>	Frequency in Hz

### Special features/product advantages

- Efficiency-optimised, laser-welded 2D/3D hydraulics, flow and degassing optimised
- Corrosion-resistant impellers, guide vane apparatuses and stage housings
- Flow and NPSH-optimised pump housing
- Maintenance-friendly design with particularly robust coupling guard
- Drinking water approval for pumps with parts that come in contact with the fluid made of stainless steel (EPDM version)

### Technical data

Electrical connection: 3~440-480 V (±6 %), 60 Hz; optional 3~440-480 V (±6 %), 60 Hz  
 Fluid temperature range: Helix V 2 – 16 (EPDM): -30 to 120 °C (130 °C on request)  
 Helix V 2 – 16 for aggressive media (FKM): -15 to 90 °C  
 Helix V 22 – 52 (EPDM): -20 to 120 °C (130 °C on request)  
 Helix V 22 – 52 for aggressive media (FKM): -15 to 90 °C  
 Max. operating pressure: 16/25/30 bar  
 Protection class: IP 55  
 Max. ambient temperature: -15 to 40 °C (extended temperature ranges on request)  
 Available versions: Helix V 2 – 16: PN 16 with oval flanges, PN 25 with round flanges according to ISO 2531 and ISO 7005 (Victaulic coupling on request)  
 Helix V 22 – 52: PN 16/PN 25/PN 40 with round flanges according to ISO 2531 and ISO 7005

### Equipment/function

- Corrosion-resistant impellers, diffusers and stage housings

### Description/design

- Pumps can be adapted to specific circumstances on request (e.g. motor protection, ATEX, extended ambient temperature range).
- The Helix series is also available with an integrated frequency converter.

### Materials

#### Helix V 2, 4, 6, 10, 16:

##### Standard version

- Impellers, stage housings and guide vane apparatuses of stainless steel 1.4307 (AISI 304L)
- Pump housing made of stainless steel 1.4301 (AISI 304)
- Baseplate and lantern in EN-GJL-250 (cataphoretic coated)
- Shaft made of stainless steel 1.4301 (AISI 304) or 1.4462 (AISI 318LN) (depending on version)
- Sleeve under the mechanical seal 1.4404 (AISI 316L)
- O-ring of EPDM (FKM gasket on request)
- Jacket pipe made of stainless steel 1.4301 (AISI 304)

##### For aggressive media (optional)

- Impellers, stage housings and guide vane apparatuses of stainless steel 1.4404 (AISI 316L)
- Pump housing made of stainless steel 1.4404 (AISI 316L)
- Shaft made of stainless steel 1.4404 (AISI 316L) or 1.4462 (AISI 318LN) (depending on version)
- Sleeve under the mechanical seal 1.4404 (AISI 316L)
- O-ring of FKM (EPDM gasket on request)
- Jacket pipe made of stainless steel 1.4404 (AISI 316L)

#### Helix V 22, 36, 52:

##### Standard version

- Stage housings, impellers, guide vane apparatuses made of stainless steel 1.4307 (AISI 304L)
- Pump housing made of stainless steel 1.4308 (AISI 304), loose flanges made of cataphoretic-coated grey cast iron EN-GJL 250 for Helix V 22 / EN-GJS 400 for Helix V 36-52.
- Shaft made of stainless steel 1.4057 (AISI 431)
- Sleeve under the mechanical seal 1.4404 (AISI 316L)
- O-ring of EPDM (FKM gasket on request)
- Jacket pipe made of stainless steel 1.4301 (AISI 304)

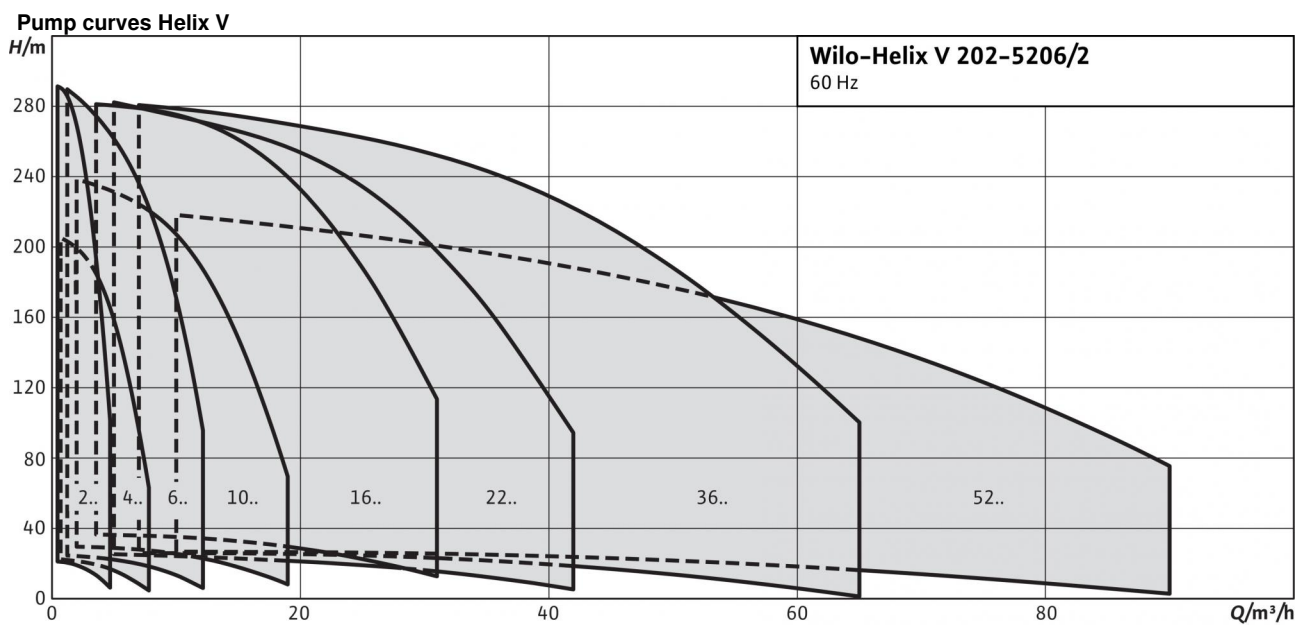
##### For aggressive media (optional)

- Stage housings, impellers, and guide vane apparatuses made of stainless steel 1.4404 (AISI 316L)
- Pump housing: all parts which come in contact with the media are made of cast stainless steel 1.4409 (AISI 316L); loose flanges of cataphoretic-coated grey cast iron EN-GJL 250 for Helix V 22 / EN-GJS 400 for Helix V 36-52.
- Baseplate made of stainless steel 1.4301 (AISI 304)
- Shaft made of stainless steel 1.4404 (AISI 316L) or 1.4462 (AISI 318LN) (depending on version)
- Sleeve under the mechanical seal 1.4404 (AISI 316L)
- O-ring of FKM (EPDM gasket on request)
- Pressure shroud made of stainless steel 1.4404 (AISI 316L)

### Scope of delivery

- Helix V high-pressure multistage centrifugal pump
- Installation and operating instructions
- Helix V 2 – 16 (version PN16 with oval flanges): Oval counter flanges made of stainless steel with the corresponding screws, nuts and gaskets

## Duty chart: Wilo-Helix V



## Product list: Wilo-Helix V

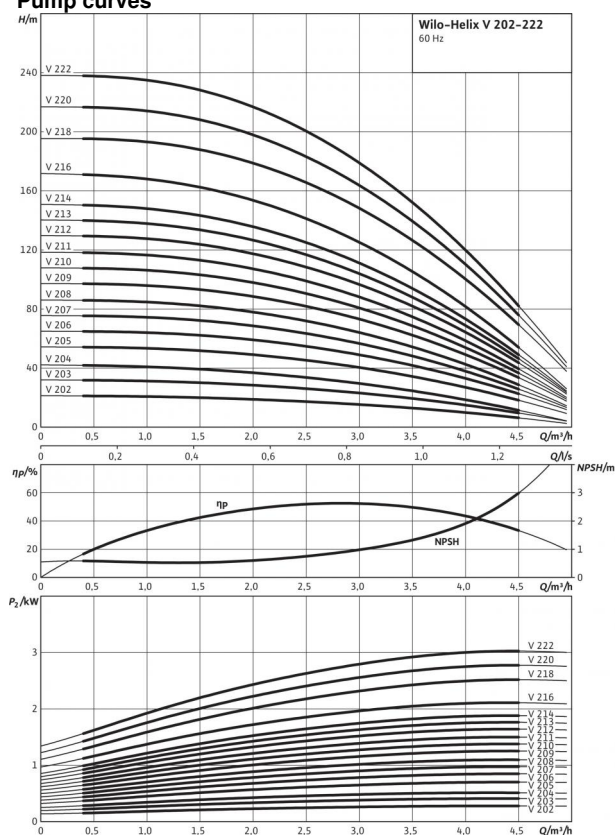
Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix V 213	3~460 V, 60 Hz	PN 25 bar	2.2 kW	50.0 kg	4192399
Helix V 214	3~460 V, 60 Hz	PN 25 bar	2.2 kW	50.0 kg	4192400
Helix V 216	3~460 V, 60 Hz	PN 25 bar	2.2 kW	51.0 kg	4192401
Helix V 218	3~380/460 V, 60 Hz	PN 25 bar	3 kW	72.0 kg	4192402
Helix V 220	3~380/460 V, 60 Hz	PN 25 bar	3 kW	73.0 kg	4192403
Helix V 222	3~380/460 V, 60 Hz	PN 25 bar	3 kW	74.0 kg	4192404
Helix V 412	3~380/460 V, 60 Hz	PN 25 bar	3 kW	56.0 kg	4192419
Helix V 413	3~380/460 V, 60 Hz	PN 25 bar	3 kW	57.0 kg	4192420
Helix V 414	3~380/460 V, 60 Hz	PN 25 bar	4 kW	71.0 kg	4192421
Helix V 416	3~380/460 V, 60 Hz	PN 25 bar	4 kW	72.0 kg	4192422
Helix V 418	3~380/460 V, 60 Hz	PN 25 bar	4 kW	73.0 kg	4192423
Helix V 611	3~380/460 V, 60 Hz	PN 25 bar	4 kW	74.0 kg	4192434
Helix V 612	3~380/460 V, 60 Hz	PN 25 bar	5.5 kW	79.0 kg	4192435
Helix V 614	3~380/460 V, 60 Hz	PN 25 bar	5.5 kW	81.0 kg	4192436
Helix V 616	3~380/460 V, 60 Hz	PN 25 bar	5.5 kW	83.0 kg	4192437
Helix V 617	3~460 V, 60 Hz	PN 25 bar	7.5 kW	121.0 kg	4192438
Helix V 619	3~460 V, 60 Hz	PN 25 bar	7.5 kW	122.0 kg	4192439
Helix V 1009	3~380/460 V, 60 Hz	PN 25 bar	5.5 kW	77.0 kg	4192454
Helix V 1010	3~460 V, 60 Hz	PN 25 bar	7.5 kW	88.0 kg	4192455
Helix V 1011	3~460 V, 60 Hz	PN 25 bar	7.5 kW	90.0 kg	4192456
Helix V 1012	3~460 V, 60 Hz	PN 25 bar	9 kW	140.0 kg	4192457
Helix V 1013	3~460 V, 60 Hz	PN 25 bar	9 kW	142.0 kg	4192458
Helix V 1014	3~460 V, 60 Hz	PN 25 bar	9 kW	143.0 kg	4192459
Helix V 1016	3~460 V, 60 Hz	PN 25 bar	11 kW	160.0 kg	4192460
Helix V 1605	3~460 V, 60 Hz	PN 16 bar	7.5 kW	87.0 kg	4192467
Helix V 1606	3~460 V, 60 Hz	PN 16 bar	7.5 kW	88.0 kg	4192468
Helix V 1607	3~460 V, 60 Hz	PN 16 bar	9 kW	139.0 kg	4192469
Helix V 1608	3~460 V, 60 Hz	PN 16 bar	11 kW	127.0 kg	4192470
Helix V 1609	3~460 V, 60 Hz	PN 25 bar	11 kW	133.0 kg	4192471
Helix V 1610	3~460 V, 60 Hz	PN 25 bar	15 kW	223.0 kg	4192472
Helix V 1611	3~460 V, 60 Hz	PN 25 bar	15 kW	223.0 kg	4192473
Helix V 1612	3~460 V, 60 Hz	PN 25 bar	15 kW	223.0 kg	4192474
Helix V 1613	3~460 V, 60 Hz	PN 25 bar	18.5 kW	264.0 kg	4192475
Helix V 2201	3~460 V, 60 Hz	PN 16 bar	2.2 kW	76.0 kg	4192556
Helix V 2202	3~380/460 V, 60 Hz	PN 16 bar	5.5 kW	103.0 kg	4192558
Helix V 2202/2	3~380/460 V, 60 Hz	PN 16 bar	4 kW	79.0 kg	4192557
Helix V 2203	3~460 V, 60 Hz	PN 16 bar	7.5 kW	97.0 kg	4192560
Helix V 2203/2	3~380/460 V, 60 Hz	PN 16 bar	5.5 kW	87.0 kg	4192559
Helix V 2204	3~460 V, 60 Hz	PN 16 bar	11 kW	152.0 kg	4192562
Helix V 2204/3	3~460 V, 60 Hz	PN 16 bar	7.5 kW	104.0 kg	4192561
Helix V 2205	3~460 V, 60 Hz	PN 16 bar	11 kW	154.0 kg	4192564
Helix V 2205/3	3~460 V, 60 Hz	PN 16 bar	11 kW	123.0 kg	4192563
Helix V 2206	3~460 V, 60 Hz	PN 25 bar	15 kW	214.0 kg	4192566
Helix V 2206/3	3~460 V, 60 Hz	PN 25 bar	15 kW	214.0 kg	4192565
Helix V 2207/1	3~460 V, 60 Hz	PN 25 bar	15 kW	227.0 kg	4192567
Helix V 2208	3~460 V, 60 Hz	PN 25 bar	18.5 kW	229.0 kg	4192568
Helix V 2209	3~460 V, 60 Hz	PN 25 bar	22 kW	230.0 kg	4192569

## Product list: Wilo-Helix V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix V 3601	3~380/460 V, 60 Hz	PN 16 bar	5.5 kW	88.0 kg	4192573
Helix V 3601/1	3~380/460 V, 60 Hz	PN 16 bar	4 kW	82.0 kg	4192572
Helix V 3602	3~460 V, 60 Hz	PN 16 bar	11 kW	122.0 kg	4192576
Helix V 3602/1	3~460 V, 60 Hz	PN 16 bar	9 kW	120.0 kg	4192575
Helix V 3602/2	3~460 V, 60 Hz	PN 16 bar	7.5 kW	105.0 kg	4192574
Helix V 3603	3~460 V, 60 Hz	PN 25 bar	15 kW	199.0 kg	4192579
Helix V 3603/1	3~460 V, 60 Hz	PN 25 bar	15 kW	199.0 kg	4192578
Helix V 3603/2	3~460 V, 60 Hz	PN 25 bar	15 kW	199.0 kg	4192577
Helix V 3604	3~460 V, 60 Hz	PN 25 bar	22 kW	230.0 kg	4192582
Helix V 3604/1	3~460 V, 60 Hz	PN 25 bar	18.5 kW	230.0 kg	4192581
Helix V 3604/2	3~460 V, 60 Hz	PN 25 bar	18.5 kW	230.0 kg	4192580
Helix V 3605	3~460 V, 60 Hz	PN 25 bar	30 kW	318.0 kg	4192585
Helix V 3605/1	3~460 V, 60 Hz	PN 25 bar	30 kW	318.0 kg	4192584
Helix V 3605/2	3~460 V, 60 Hz	PN 25 bar	22 kW	235.0 kg	4192583
Helix V 3606	3~460 V, 60 Hz	PN 25 bar	30 kW	322.0 kg	4192588
Helix V 3606/1	3~460 V, 60 Hz	PN 25 bar	30 kW	321.0 kg	4192587
Helix V 3606/2	3~460 V, 60 Hz	PN 25 bar	30 kW	321.0 kg	4192586
Helix V 3607/2	3~460 V, 60 Hz	PN 25 bar	37 kW	325.0 kg	4192589
Helix V 5201	3~460 V, 60 Hz	PN 16 bar	7.5 kW	111.0 kg	4192594
Helix V 5201/1	3~380/460 V, 60 Hz	PN 16 bar	5.5 kW	97.0 kg	4192593
Helix V 5202	3~460 V, 60 Hz	PN 25 bar	15 kW	223.0 kg	4192597
Helix V 5202/1	3~460 V, 60 Hz	PN 16 bar	11 kW	134.0 kg	4192596
Helix V 5202/2	3~460 V, 60 Hz	PN 16 bar	11 kW	134.0 kg	4192595
Helix V 5203	3~460 V, 60 Hz	PN 25 bar	22 kW	238.0 kg	4192600
Helix V 5203/1	3~460 V, 60 Hz	PN 25 bar	18.5 kW	238.0 kg	4192599
Helix V 5203/2	3~460 V, 60 Hz	PN 25 bar	18.5 kW	238.0 kg	4192598
Helix V 5204	3~460 V, 60 Hz	PN 25 bar	30 kW	327.0 kg	4192603
Helix V 5204/1	3~460 V, 60 Hz	PN 25 bar	30 kW	327.0 kg	4192602
Helix V 5204/2	3~460 V, 60 Hz	PN 25 bar	22 kW	242.0 kg	4192601
Helix V 5205	3~460 V, 60 Hz	PN 25 bar	37 kW	331.0 kg	4192605
Helix V 5205/2	3~460 V, 60 Hz	PN 25 bar	30 kW	331.0 kg	4192604
Helix V 5206/2	3~460 V, 60 Hz	PN 25 bar	37 kW	335.0 kg	4192606

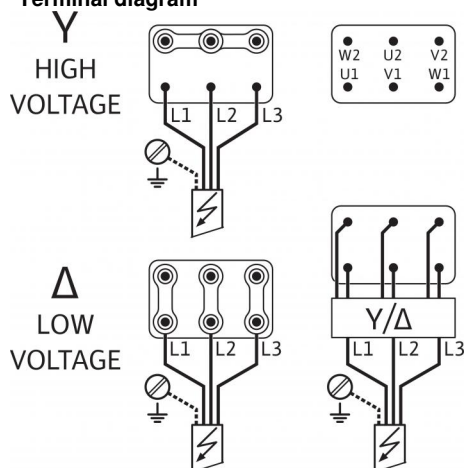
# Data sheet: Helix V 213

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	2.2 kW
Power consumption $P_1$	2.62 kW
Nominal current 3~220 V, 60 Hz $I$	7.7 A
Nominal current 3~380 V, 60 Hz $I$	4.4 A
Nominal current 3~460 V, 60 Hz $I$	3.9 A
Motor efficiency $\eta_{m 50\%}$	84.3 %
Motor efficiency $\eta_{m 75\%}$	86.7 %
Motor efficiency $\eta_{m 100\%}$	86.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

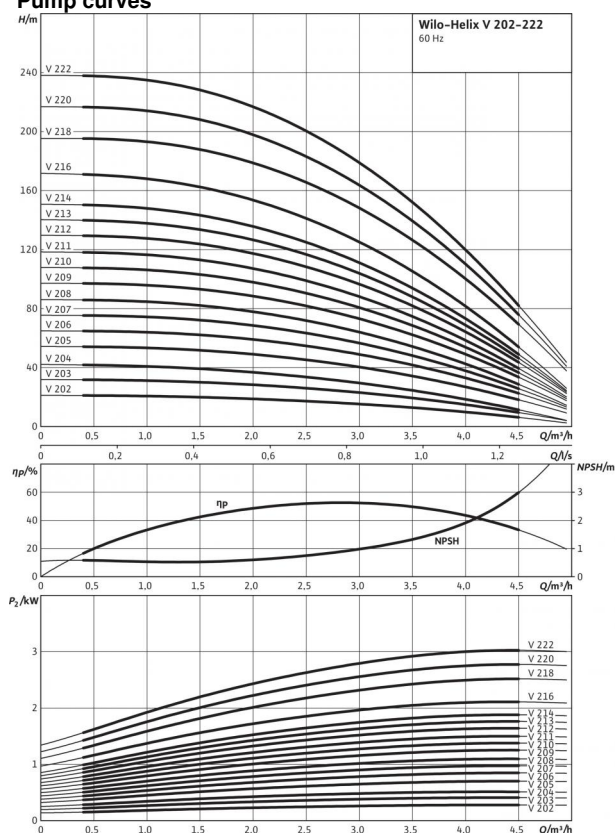
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 213
Art no.	4192399
Weight approx. $m$	44.0 kg

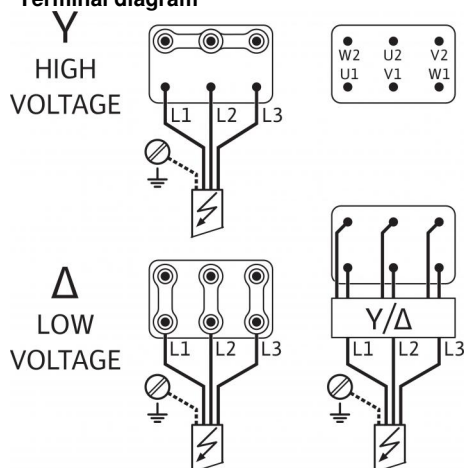
# Data sheet: Helix V 214

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	2.2 kW
Power consumption $P_1$	2.62 kW
Nominal current 3~220 V, 60 Hz $I$	7.7 A
Nominal current 3~380 V, 60 Hz $I$	4.4 A
Nominal current 3~460 V, 60 Hz $I$	3.9 A
Motor efficiency $\eta_{m 50\%}$	84.3 %
Motor efficiency $\eta_{m 75\%}$	86.7 %
Motor efficiency $\eta_{m 100\%}$	86.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

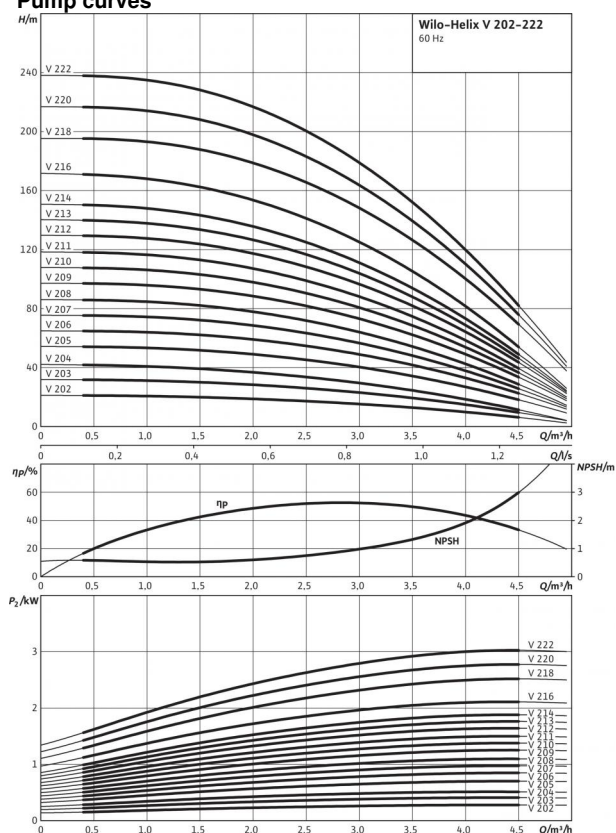
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 214
Art no.	4192400
Weight approx. $m$	44.0 kg

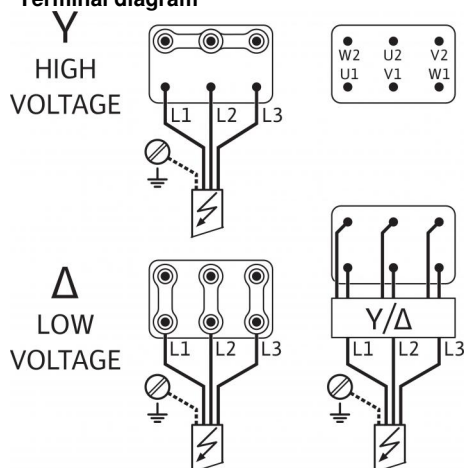
# Data sheet: Helix V 216

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	2.2 kW
Power consumption $P_1$	2.62 kW
Nominal current 3~220 V, 60 Hz $I$	7.7 A
Nominal current 3~380 V, 60 Hz $I$	4.4 A
Nominal current 3~460 V, 60 Hz $I$	3.9 A
Motor efficiency $\eta_{m 50\%}$	84.3 %
Motor efficiency $\eta_{m 75\%}$	86.7 %
Motor efficiency $\eta_{m 100\%}$	86.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

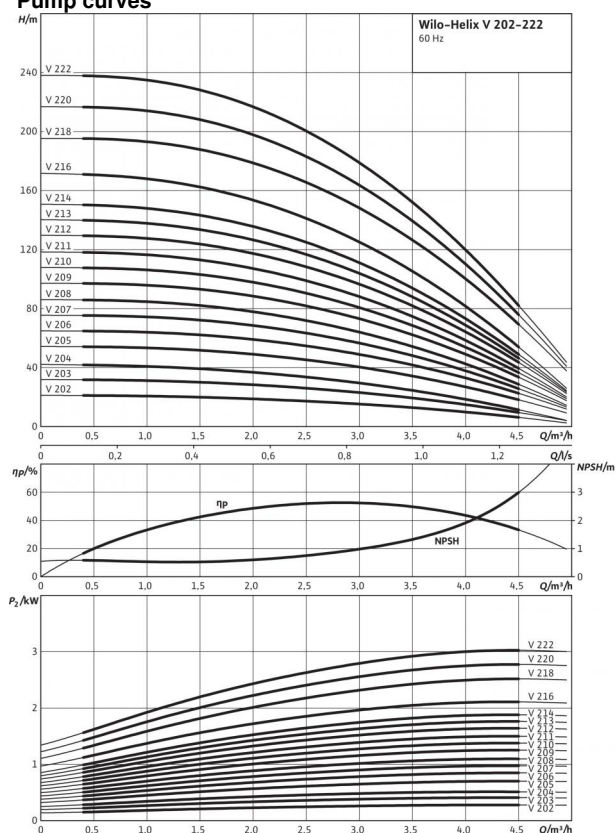
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 216
Art no.	4192401
Weight approx. $m$	45.0 kg

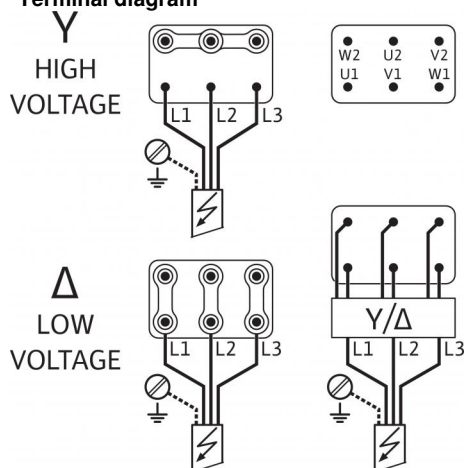
# Data sheet: Helix V 218

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	3 kW
Power consumption $P_1$	3.53 kW
Nominal current 3~220 V, 60 Hz $I$	10 A
Nominal current 3~380 V, 60 Hz $I$	5.8 A
Nominal current 3~460 V, 60 Hz $I$	4.9 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.7 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

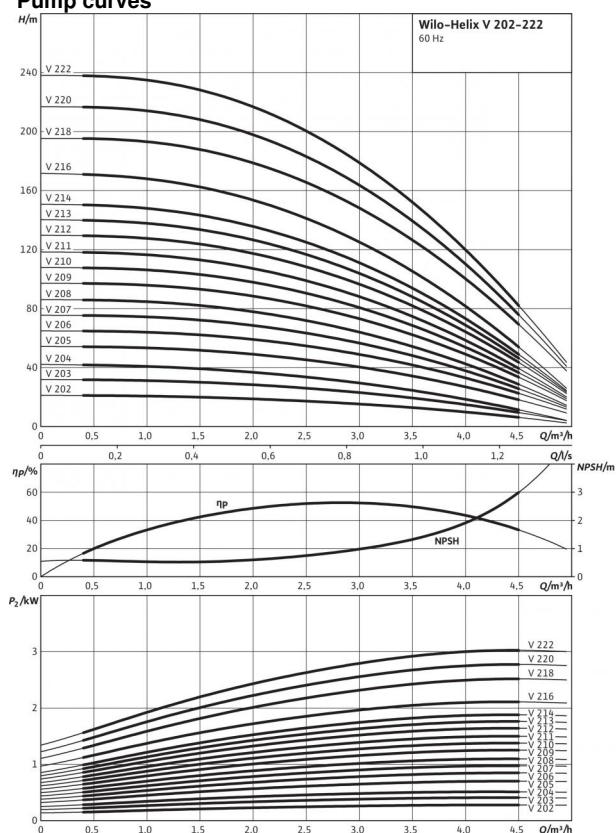
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 218
Art no.	4192402
Weight approx. $m$	53.0 kg

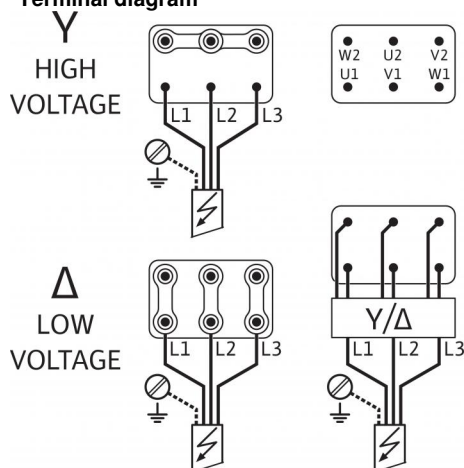
# Data sheet: Helix V 220

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	3 kW
Power consumption $P_1$	3.53 kW
Nominal current 3~220 V, 60 Hz $I$	10 A
Nominal current 3~380 V, 60 Hz $I$	5.8 A
Nominal current 3~460 V, 60 Hz $I$	4.9 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.7 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

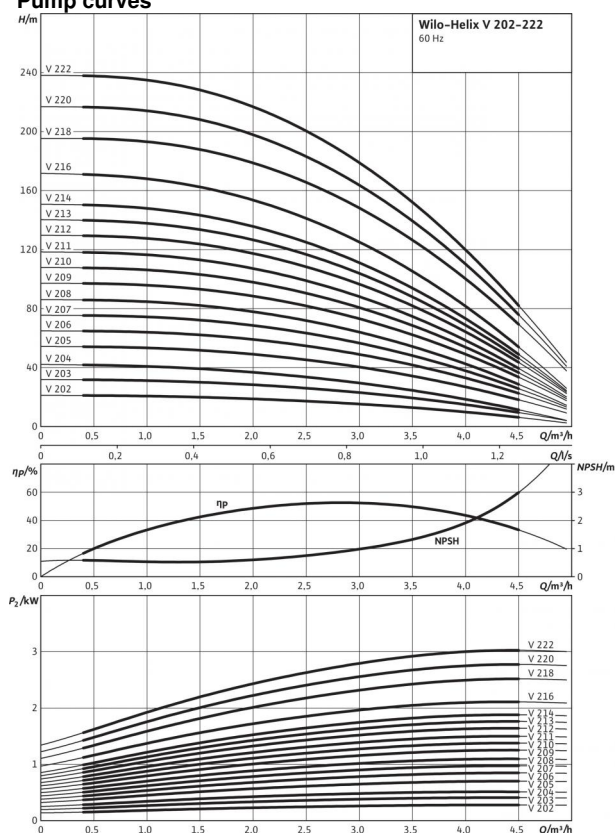
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 220
Art no.	4192403
Weight approx. $m$	54.0 kg

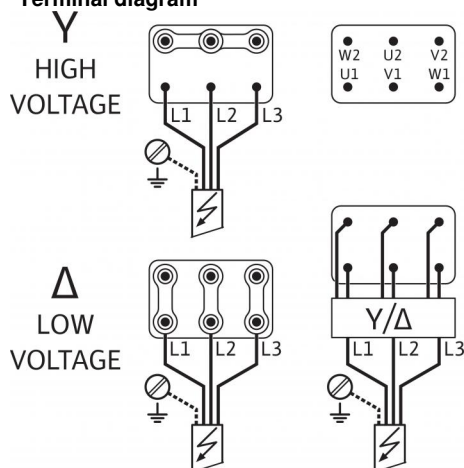
# Data sheet: Helix V 222

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	3 kW
Power consumption $P_1$	3.53 kW
Nominal current 3~220 V, 60 Hz $I$	10 A
Nominal current 3~380 V, 60 Hz $I$	5.8 A
Nominal current 3~460 V, 60 Hz $I$	4.9 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.7 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

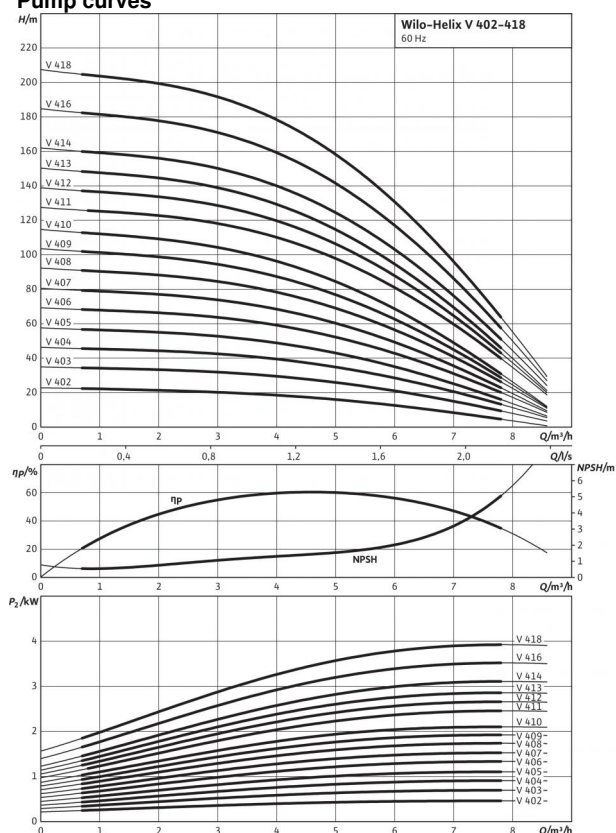
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 222
Art no.	4192404
Weight approx. $m$	55.0 kg

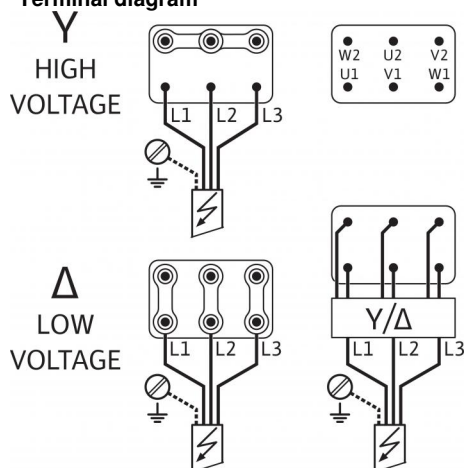
# Data sheet: Helix V 413

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	3 kW
Power consumption $P_1$	3.53 kW
Nominal current 3~220 V, 60 Hz $I$	10 A
Nominal current 3~380 V, 60 Hz $I$	5.8 A
Nominal current 3~460 V, 60 Hz $I$	4.9 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.7 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

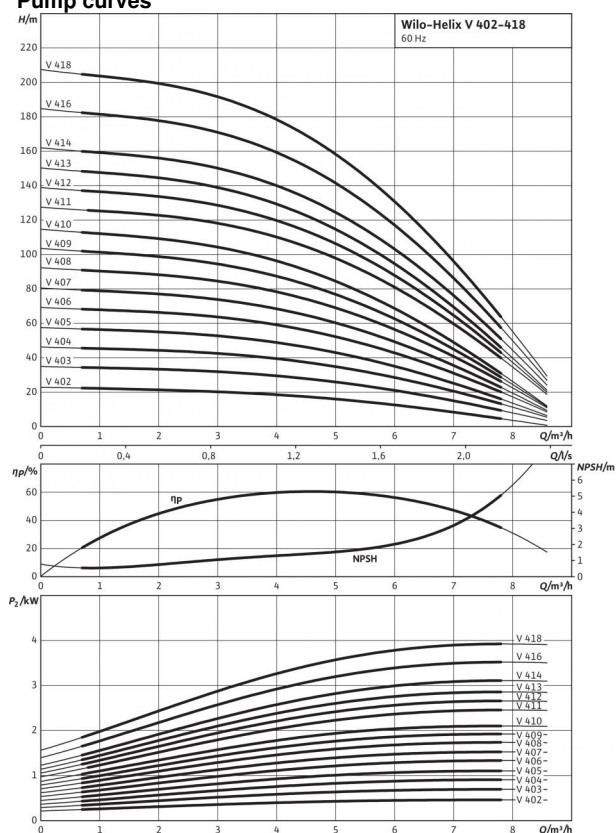
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 413
Art no.	4192420
Weight approx. $m$	51.0 kg

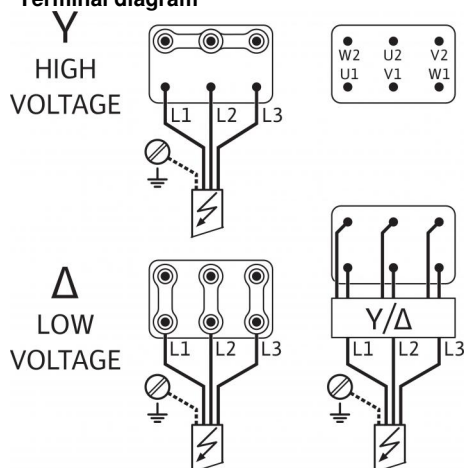
# Data sheet: Helix V 414

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

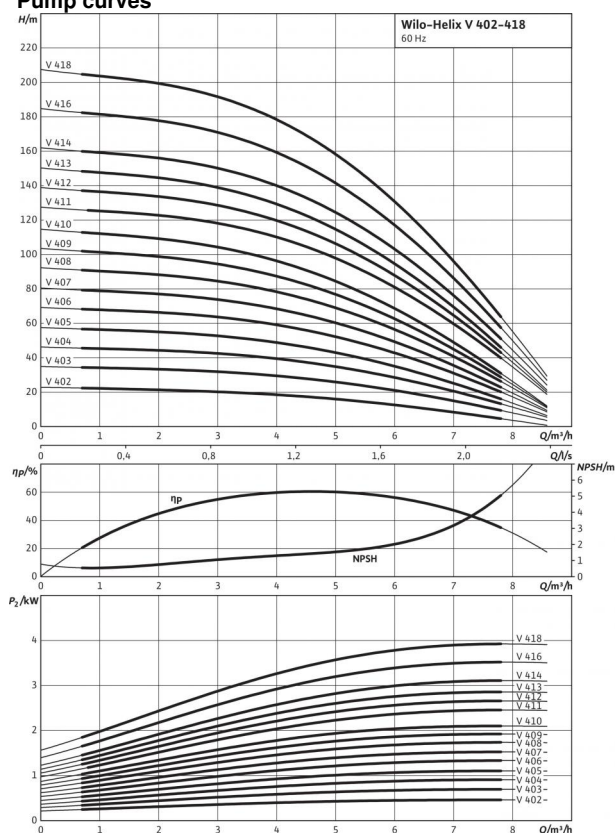
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 414
Art no.	4192421
Weight approx. $m$	52.0 kg

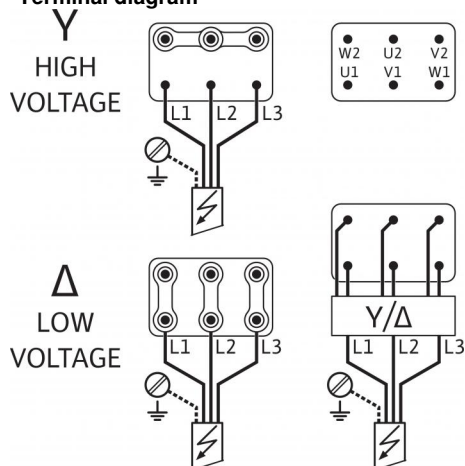
# Data sheet: Helix V 416

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

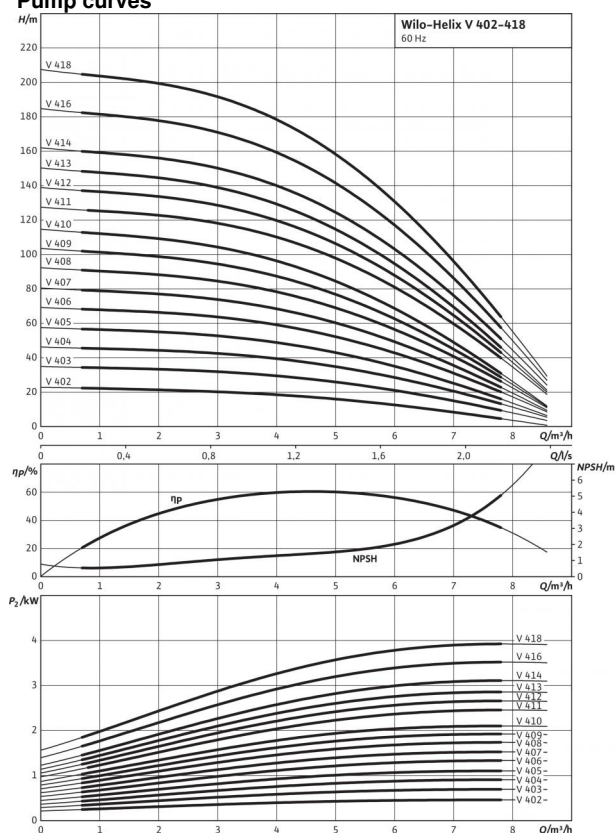
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 416
Art no.	4192422
Weight approx. $m$	53.0 kg

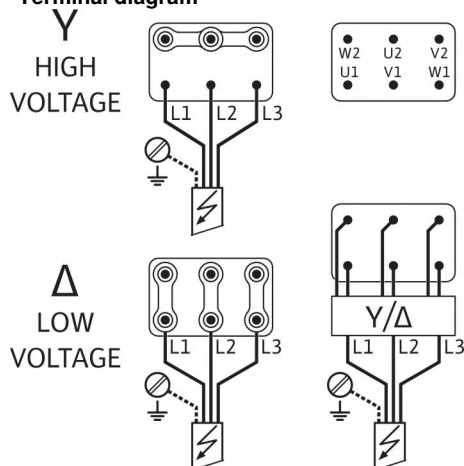
# Data sheet: Helix V 418

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 25
Flange nominal diameter (on the suction side)	DN 25

## Materials

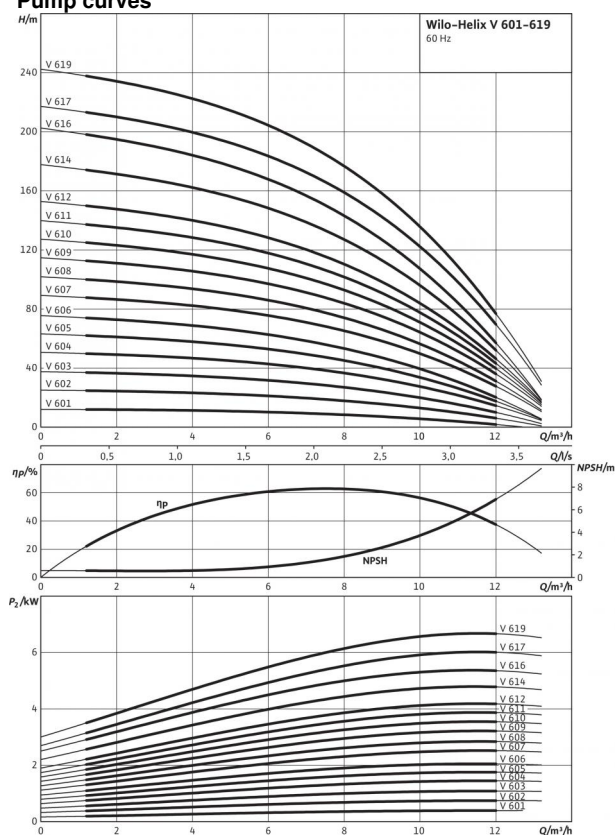
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 418
Art no.	4192423
Weight approx. $m$	54.0 kg

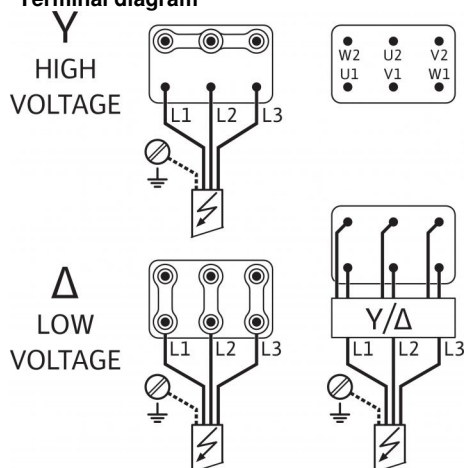
# Data sheet: Helix V 611

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

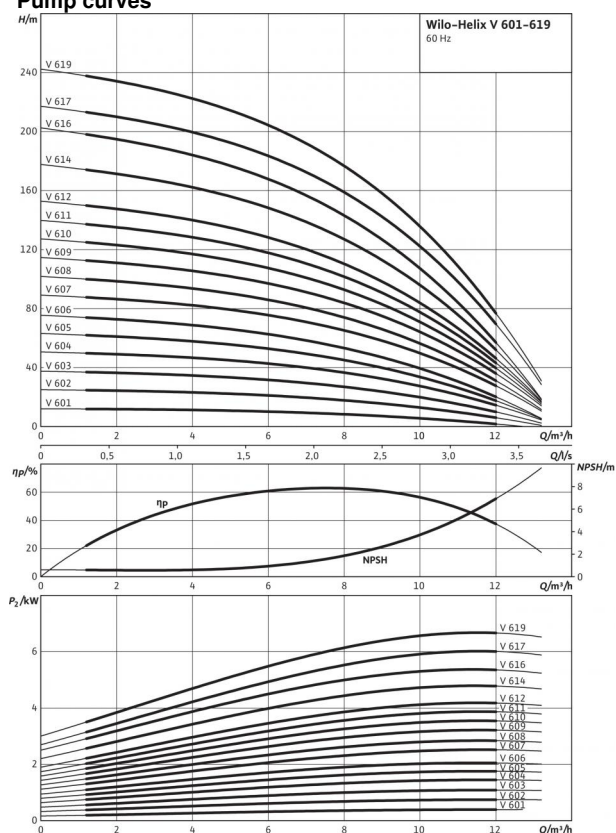
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 611
Art no.	4192434
Weight approx. $m$	55.0 kg

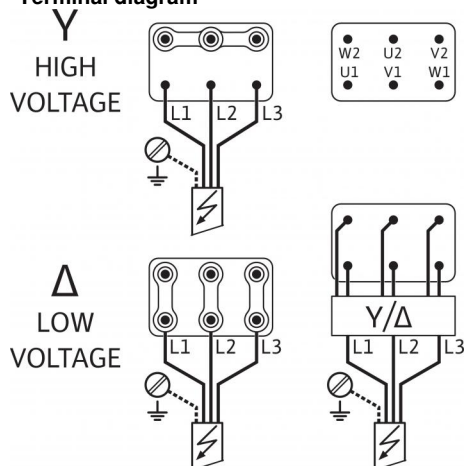
# Data sheet: Helix V 612

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

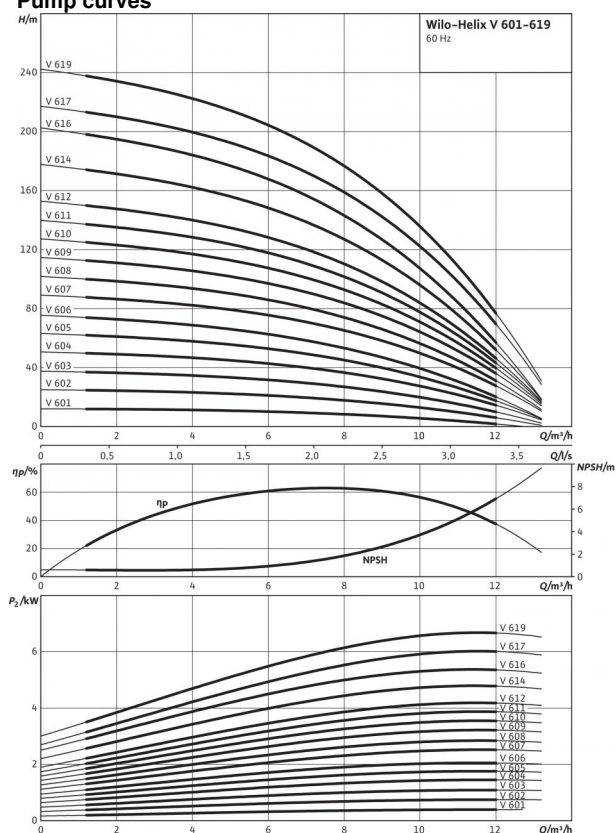
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 612
Art no.	4192435
Weight approx. $m$	60.0 kg

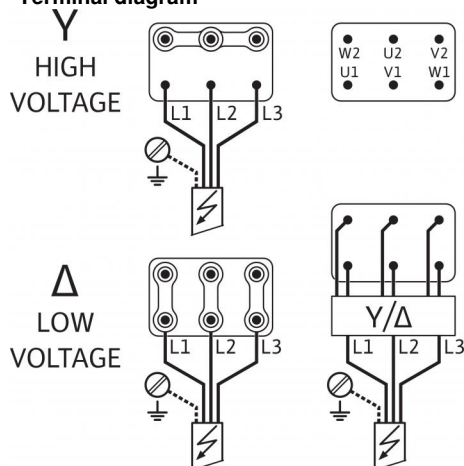
# Data sheet: Helix V 614

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

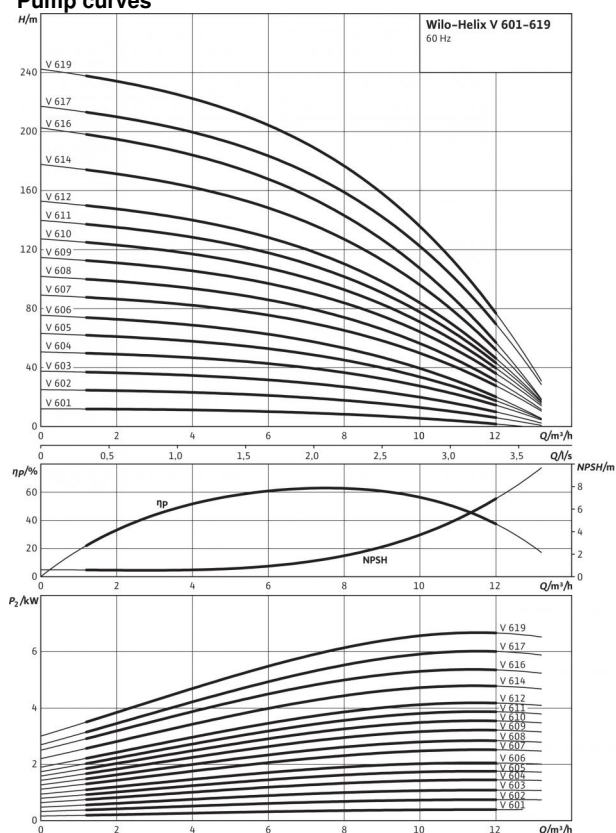
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 614
Art no.	4192436
Weight approx. $m$	62.0 kg

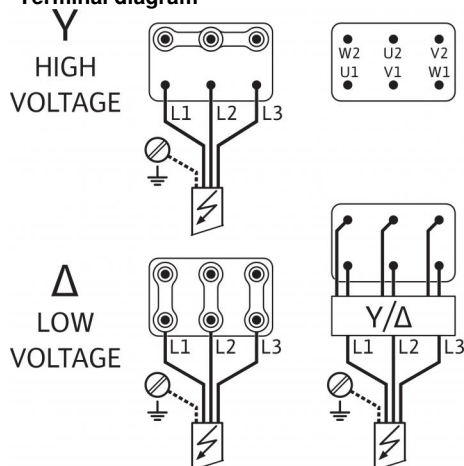
# Data sheet: Helix V 616

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

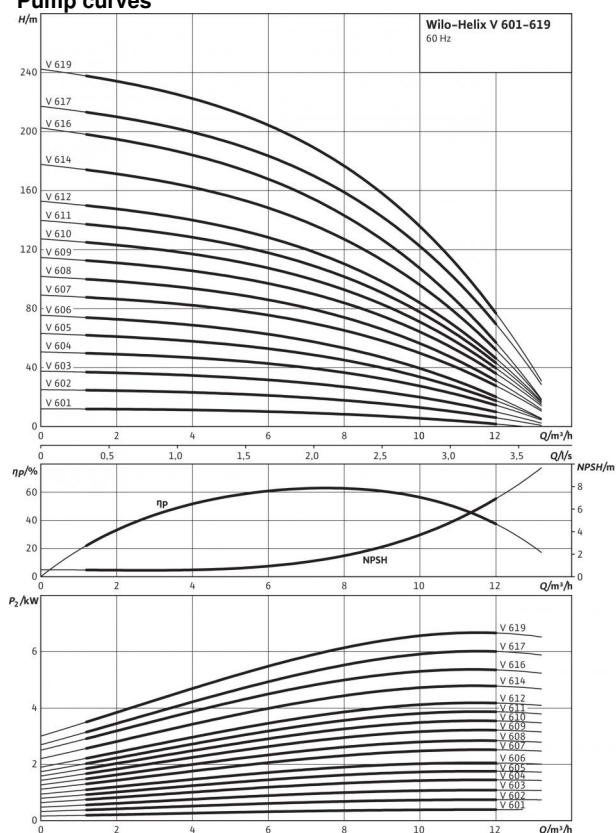
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 616
Art no.	4192437
Weight approx. $m$	64.0 kg

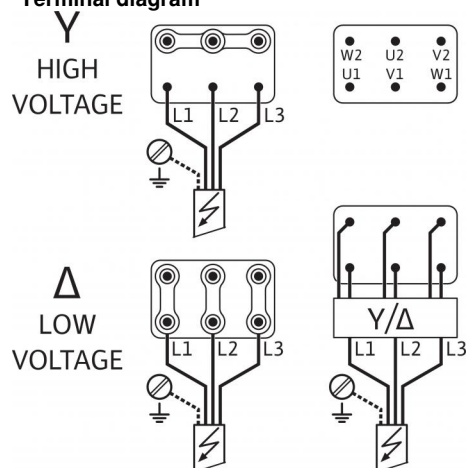
# Data sheet: Helix V 617

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

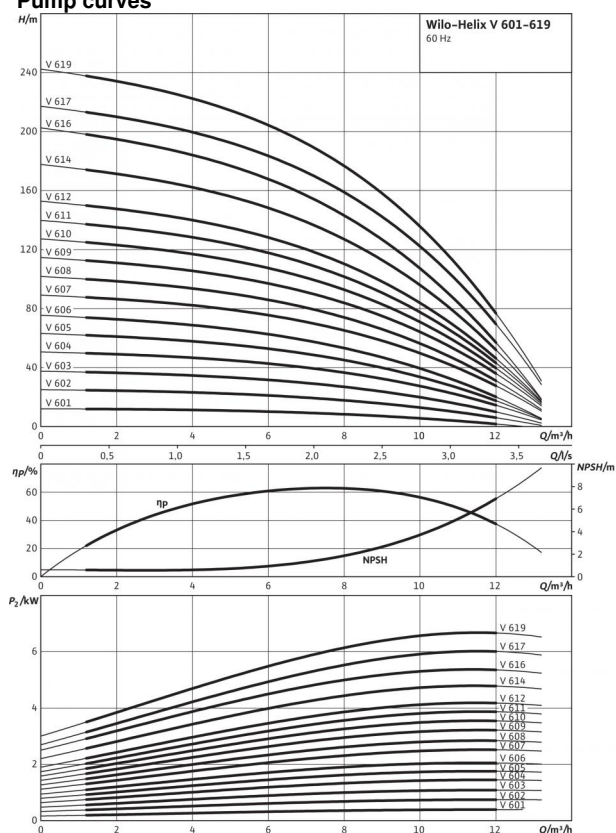
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 617
Art no.	4192438
Weight approx. $m$	71.0 kg

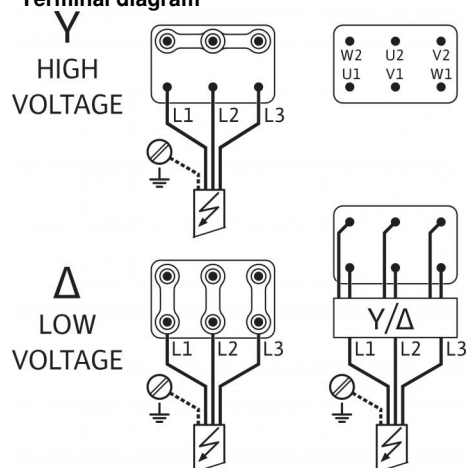
# Data sheet: Helix V 619

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 32
Flange nominal diameter (on the suction side)	DN 32

## Materials

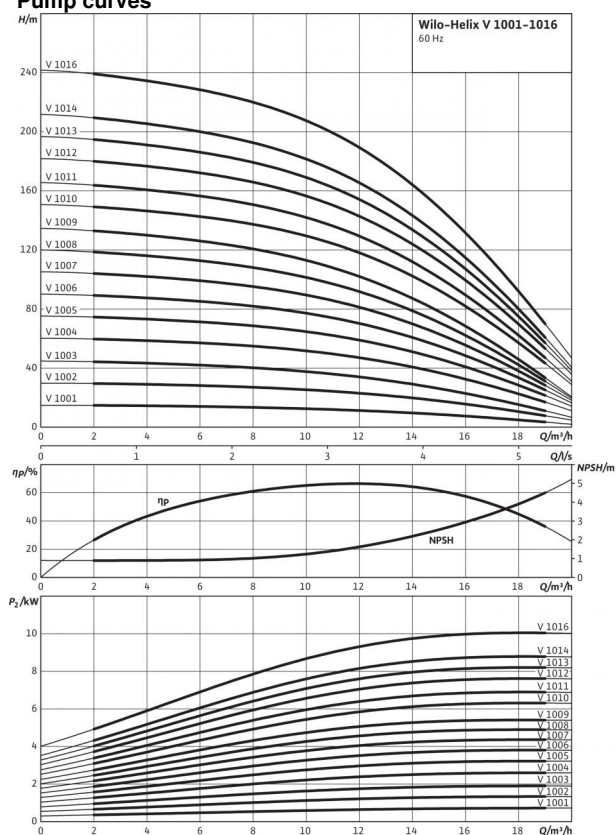
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 619
Art no.	4192439
Weight approx. $m$	72.0 kg

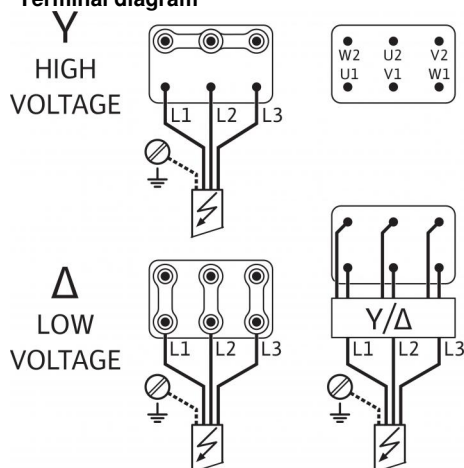
# Data sheet: Helix V 1009

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

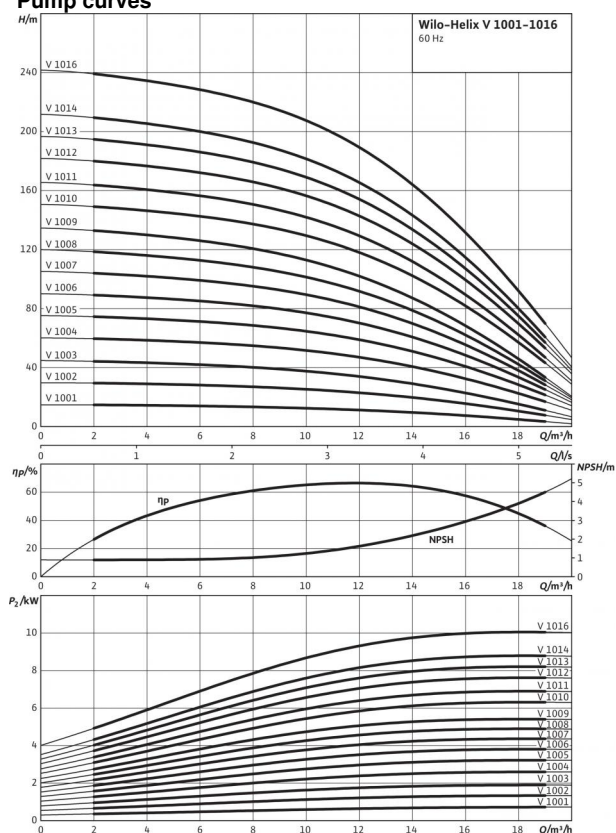
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1009
Art no.	4192454
Weight approx. $m$	61.0 kg

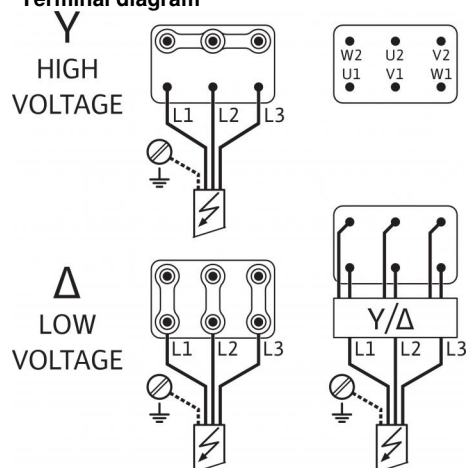
# Data sheet: Helix V 1010

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

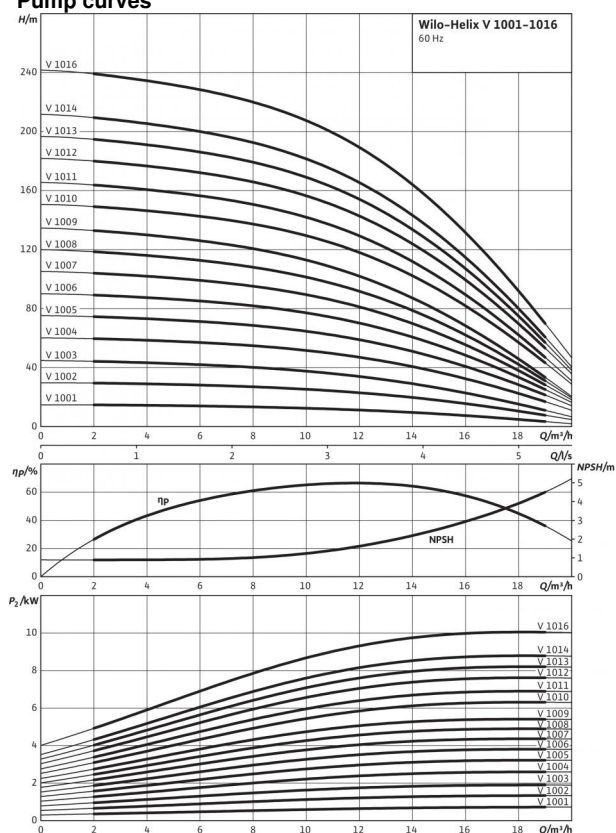
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1010
Art no.	4192455
Weight approx. $m$	66.0 kg

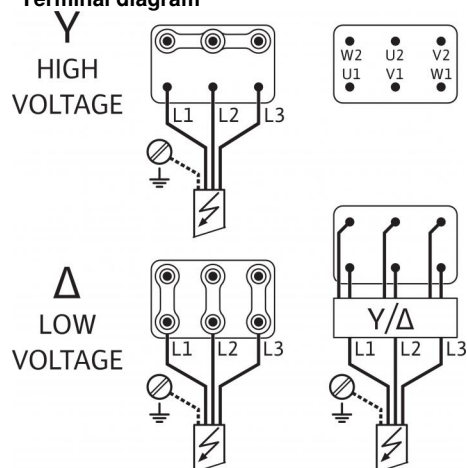
# Data sheet: Helix V 1011

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

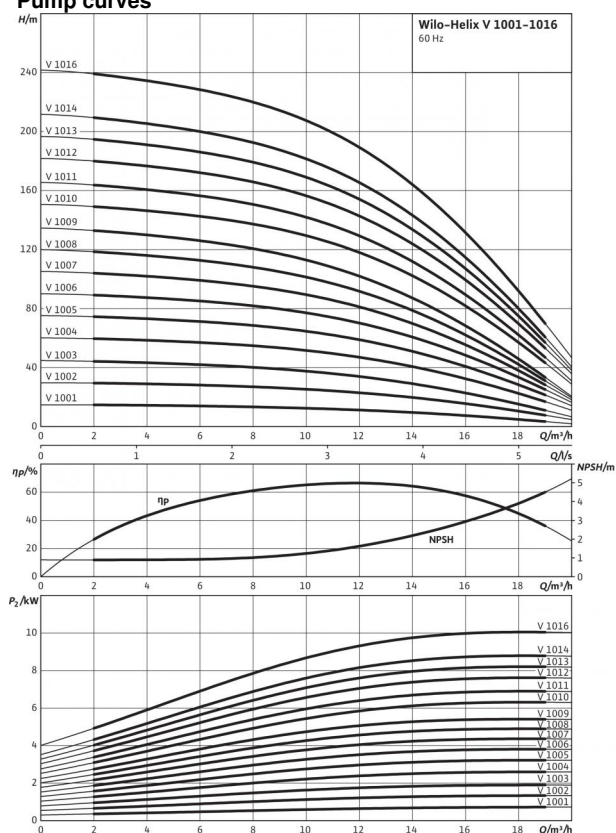
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1011
Art no.	4192456
Weight approx. $m$	68.0 kg

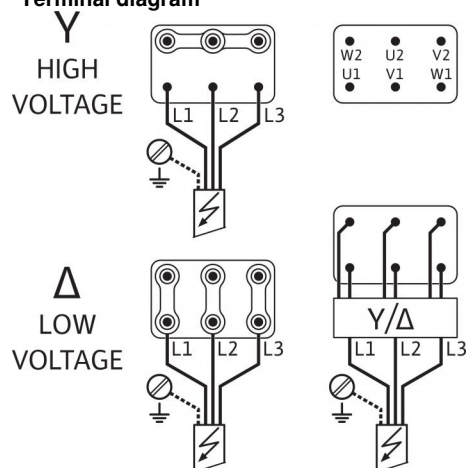
# Data sheet: Helix V 1012

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	9 kW
Power consumption $P_1$	9.91 kW
Nominal current 3~380 V, 60 Hz $I$	16.2 A
Nominal current 3~440 V, 60 Hz $I$	14.1 A
Nominal current 3~460 V, 60 Hz $I$	13.4 A
Motor efficiency $\eta_{m 50\%}$	86.7 %
Motor efficiency $\eta_{m 75\%}$	89.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

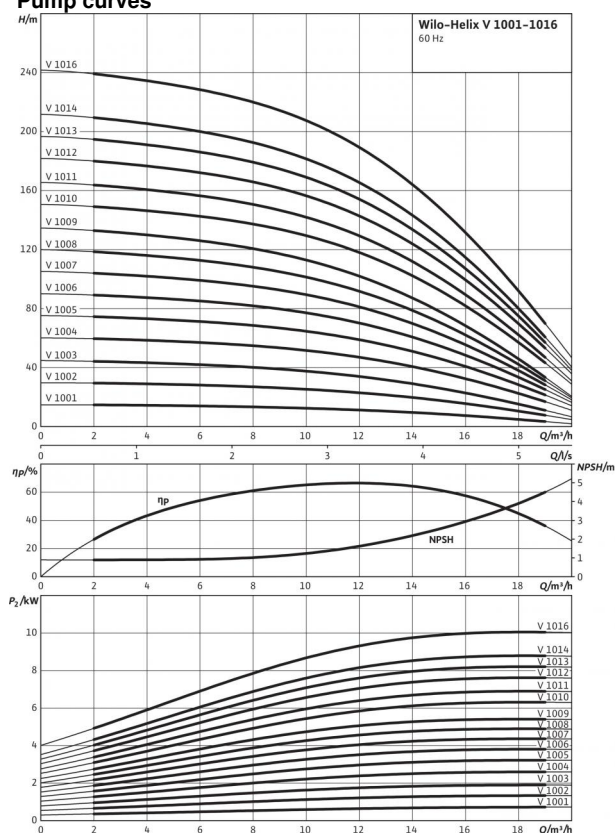
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1012
Art no.	4192457
Weight approx. $m$	121.0 kg

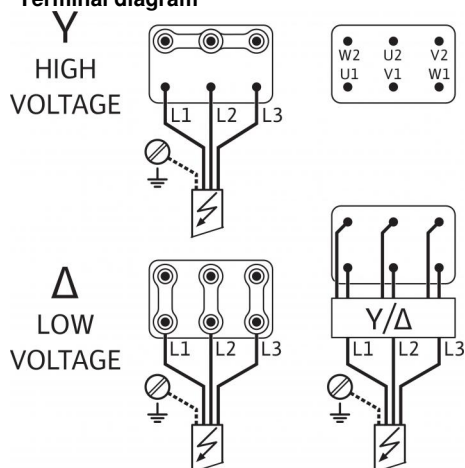
# Data sheet: Helix V 1013

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	9 kW
Power consumption $P_1$	9.91 kW
Nominal current 3~380 V, 60 Hz $I$	16.2 A
Nominal current 3~440 V, 60 Hz $I$	14.1 A
Nominal current 3~460 V, 60 Hz $I$	13.4 A
Motor efficiency $\eta_{m 50\%}$	86.7 %
Motor efficiency $\eta_{m 75\%}$	89.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

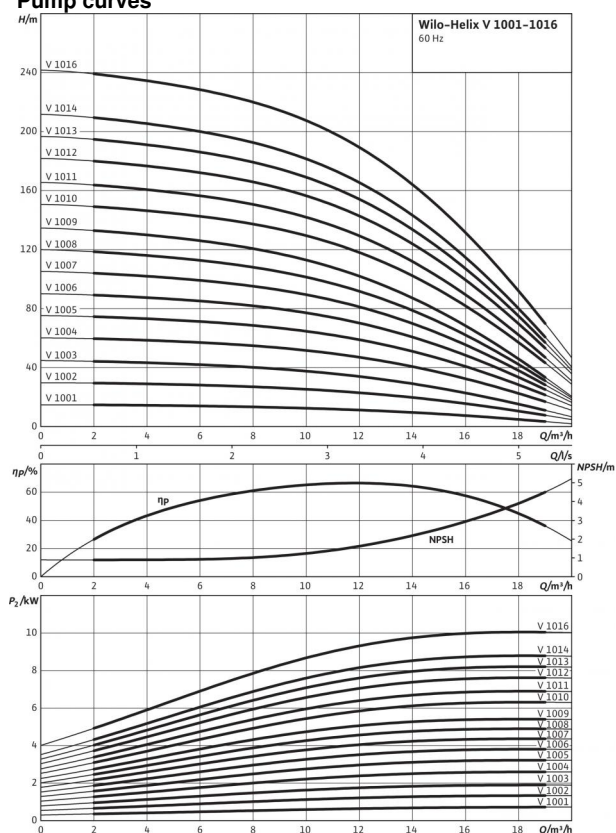
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1013
Art no.	4192458
Weight approx. $m$	123.0 kg

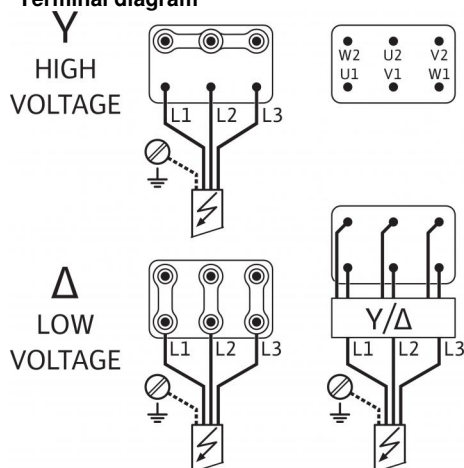
# Data sheet: Helix V 1014

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	9 kW
Power consumption $P_1$	9.91 kW
Nominal current 3~380 V, 60 Hz $I$	16.2 A
Nominal current 3~440 V, 60 Hz $I$	14.1 A
Nominal current 3~460 V, 60 Hz $I$	13.4 A
Motor efficiency $\eta_{m 50\%}$	86.7 %
Motor efficiency $\eta_{m 75\%}$	89.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

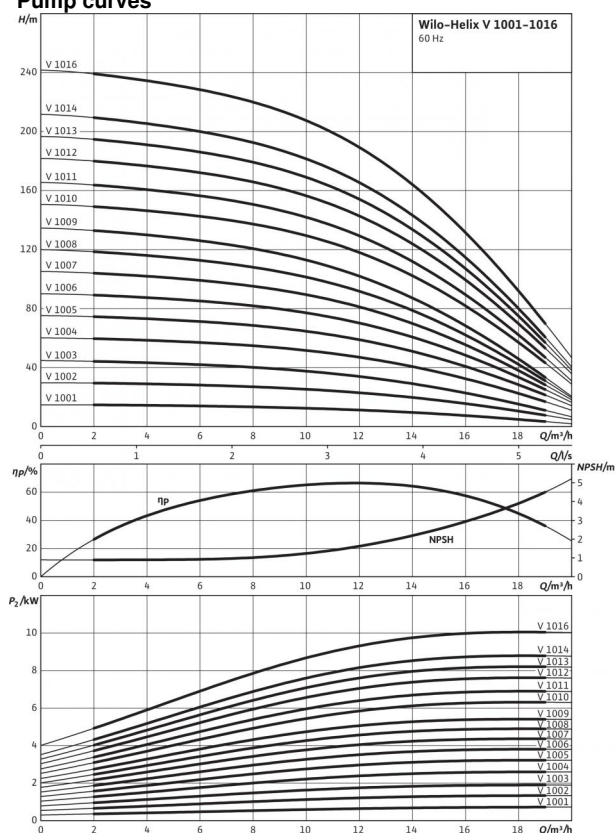
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1014
Art no.	4192459
Weight approx. $m$	124.0 kg

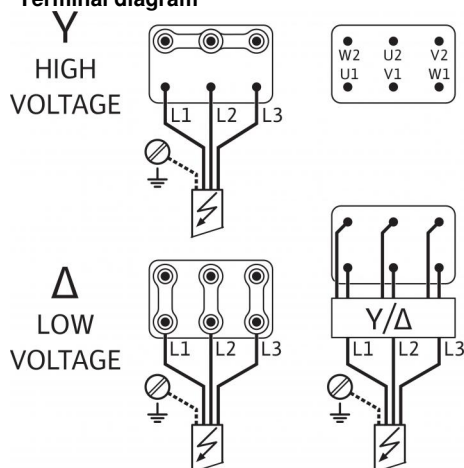
# Data sheet: Helix V 1016

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	88.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 40
Flange nominal diameter (on the suction side)	DN 40

## Materials

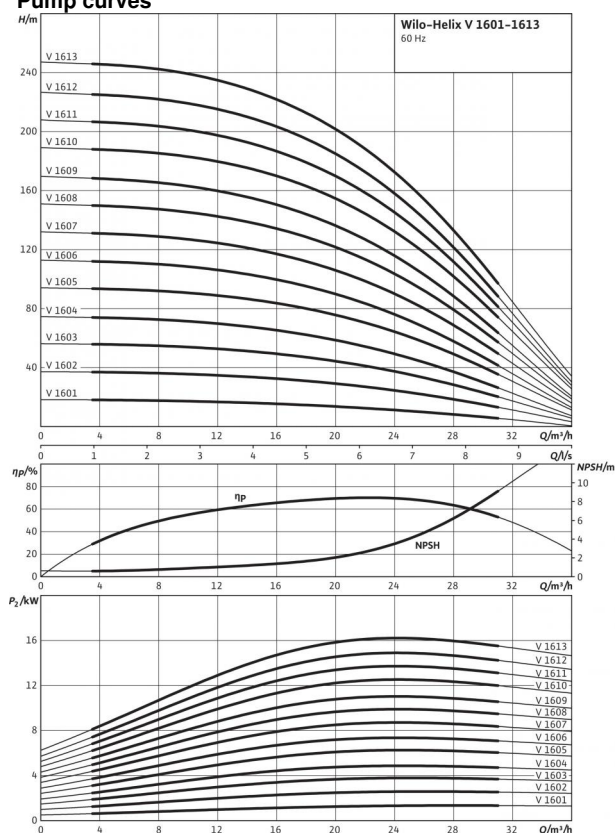
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1016
Art no.	4192460
Weight approx. $m$	110.0 kg

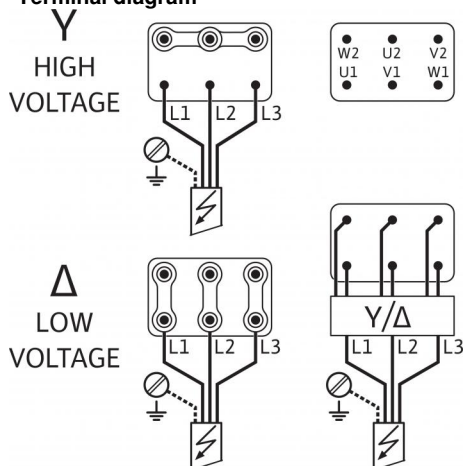
# Data sheet: Helix V 1605

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Nominal diameter, flange (on the pressure side)	G 2
Nominal diameter, flange (on the suction side)	G 2

## Materials

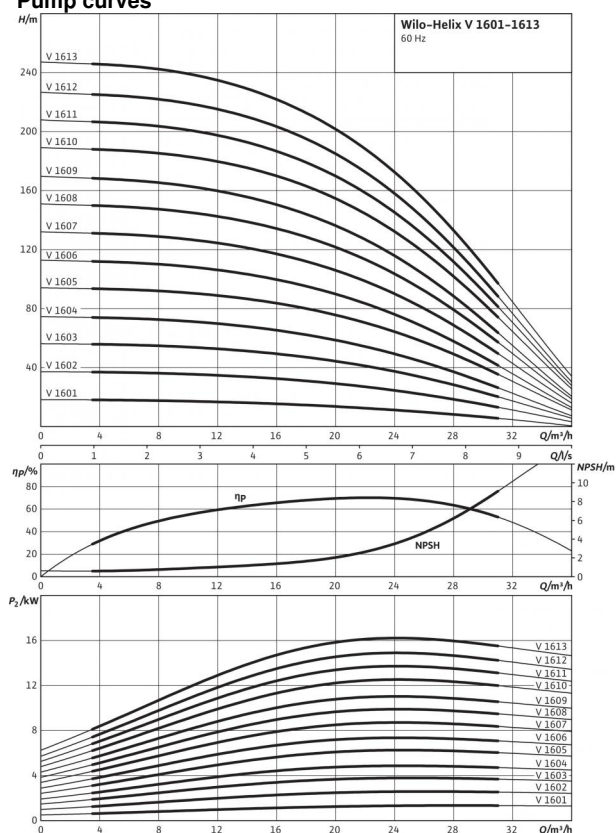
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1605
Art no.	4192467
Weight approx. $m$	65.0 kg

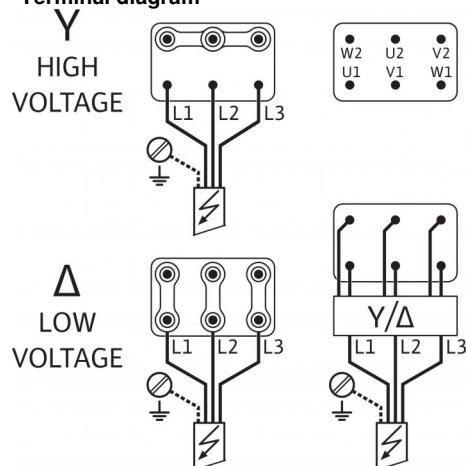
# Data sheet: Helix V 1606

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Nominal diameter, flange (on the pressure side)	G 2
Nominal diameter, flange (on the suction side)	G 2

## Materials

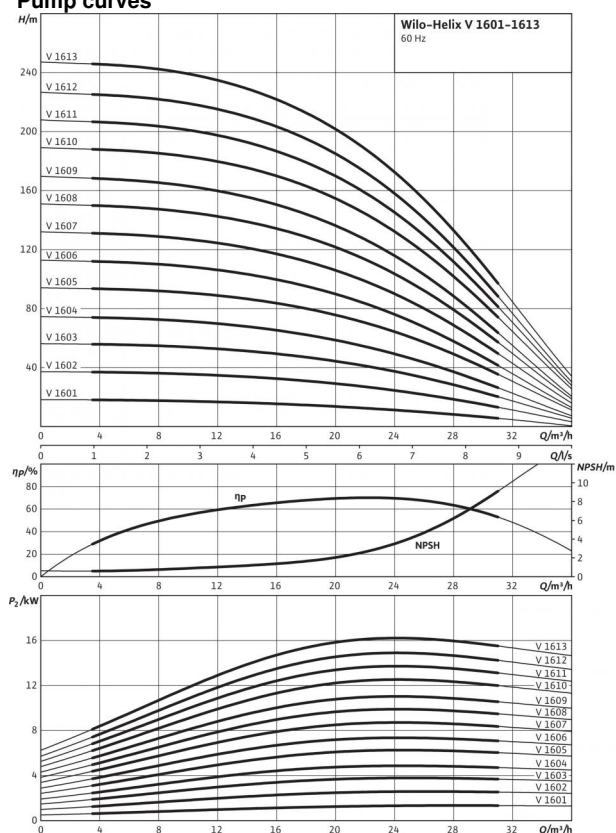
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1606
Art no.	4192468
Weight approx. $m$	66.0 kg

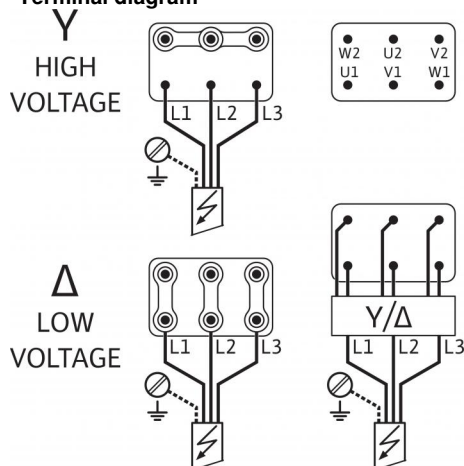
# Data sheet: Helix V 1607

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	9 kW
Power consumption $P_1$	9.91 kW
Nominal current 3~380 V, 60 Hz $I$	16.2 A
Nominal current 3~440 V, 60 Hz $I$	14.1 A
Nominal current 3~460 V, 60 Hz $I$	13.4 A
Motor efficiency $\eta_{m 50\%}$	86.7 %
Motor efficiency $\eta_{m 75\%}$	89.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Nominal diameter, flange (on the pressure side)	G 2
Nominal diameter, flange (on the suction side)	G 2

## Materials

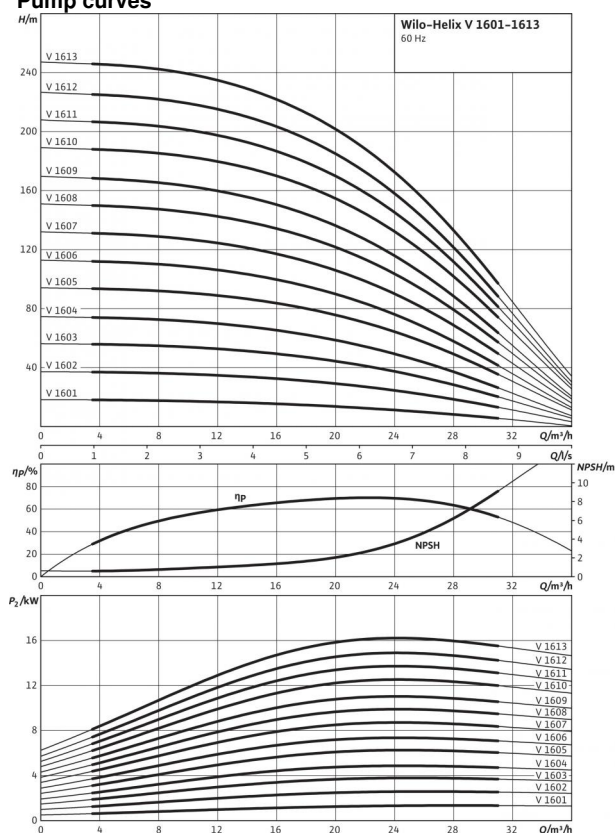
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1607
Art no.	4192469
Weight approx. $m$	120.0 kg

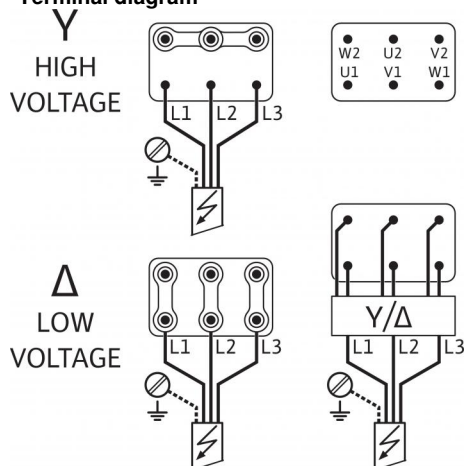
# Data sheet: Helix V 1608

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	88.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Nominal diameter, flange (on the pressure side)	G 2
Nominal diameter, flange (on the suction side)	G 2

## Materials

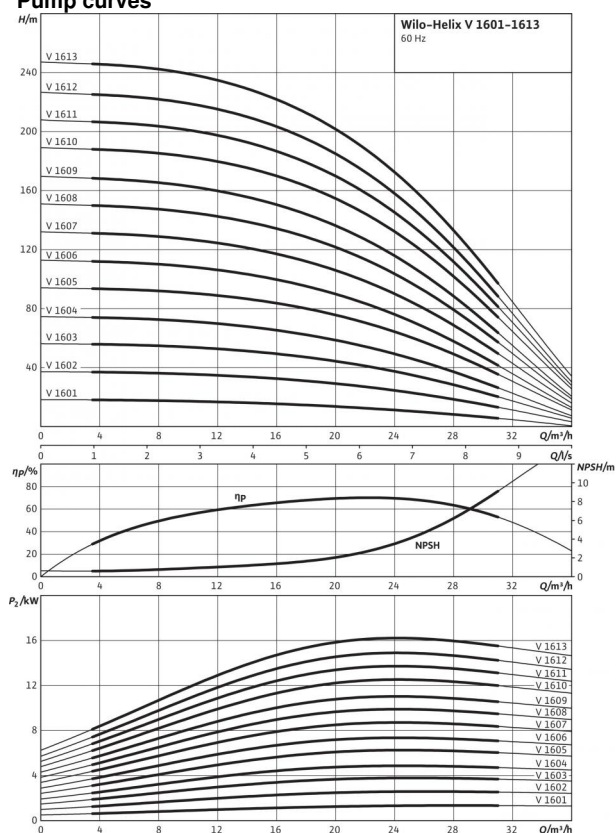
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1608
Art no.	4192470
Weight approx. $m$	105.0 kg

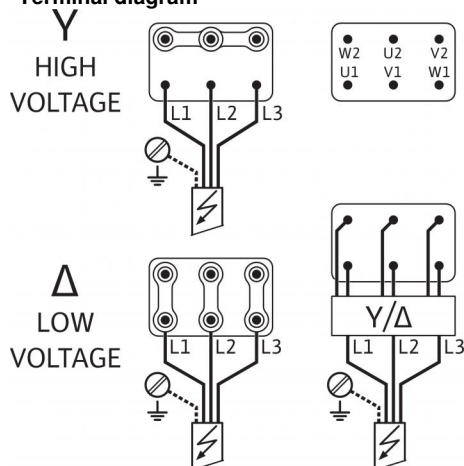
# Data sheet: Helix V 1609

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	88.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

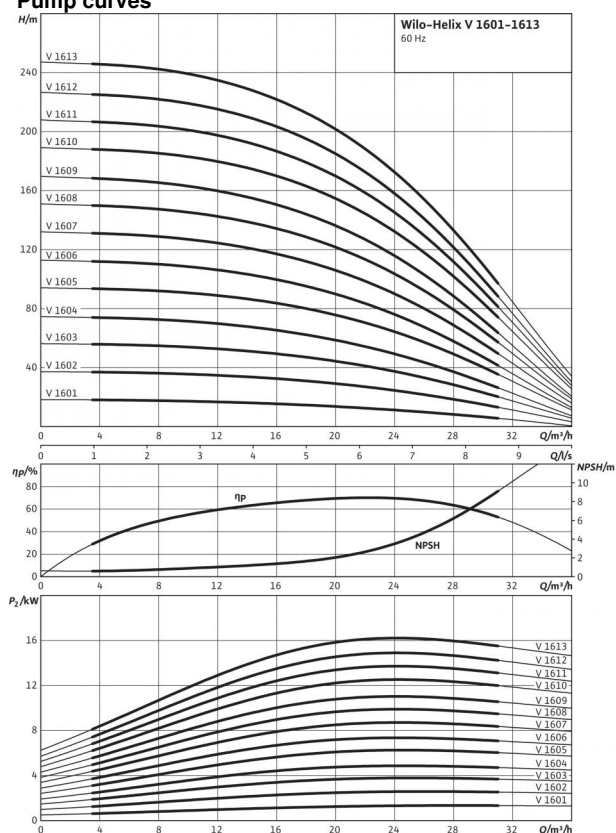
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1609
Art no.	4192471
Weight approx. $m$	114.0 kg

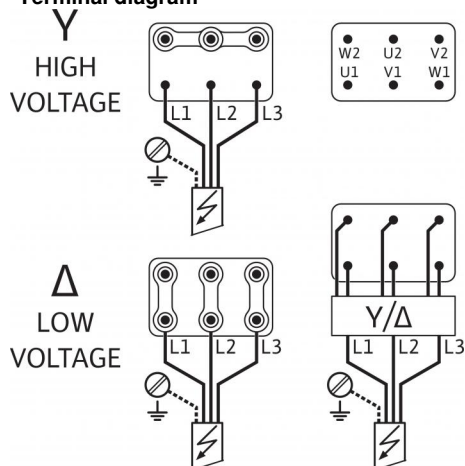
# Data sheet: Helix V 1610

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

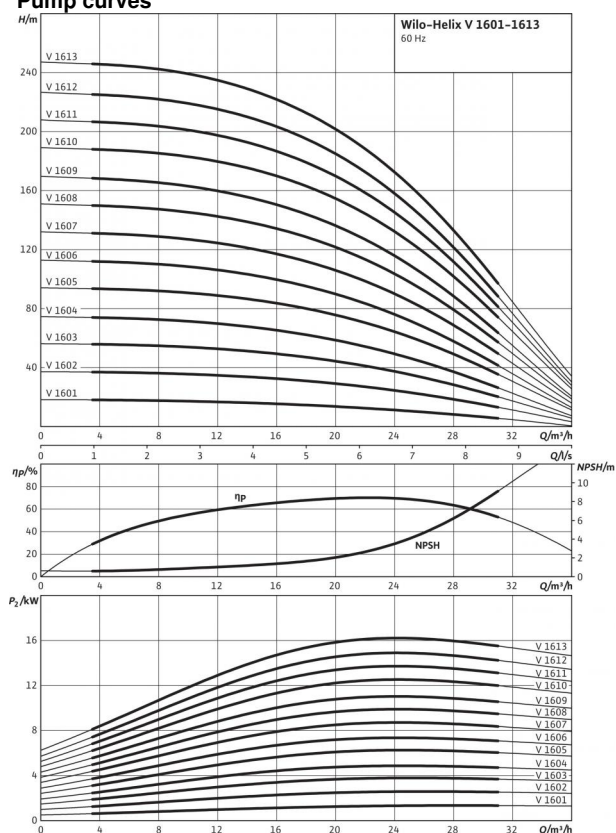
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1610
Art no.	4192472
Weight approx. $m$	173.0 kg

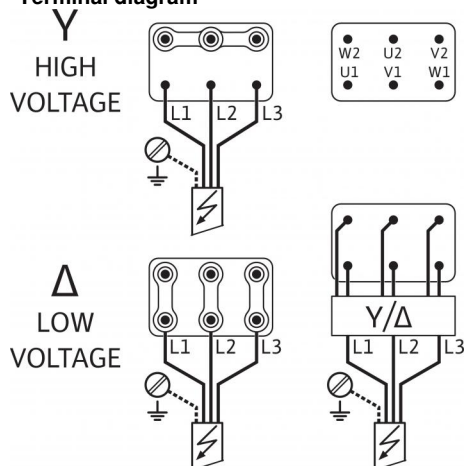
# Data sheet: Helix V 1611

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

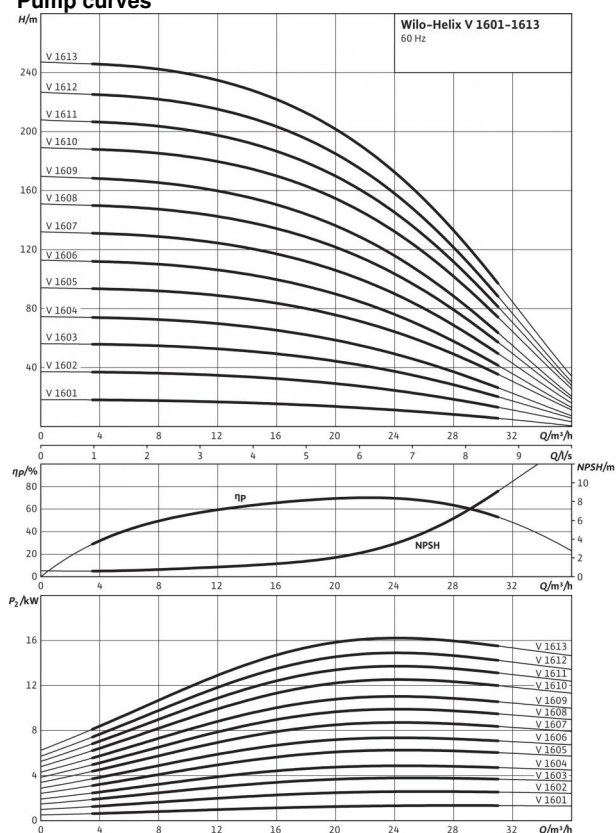
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1611
Art no.	4192473
Weight approx. $m$	173.0 kg

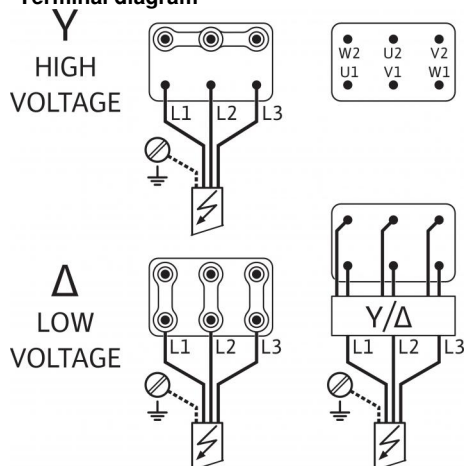
# Data sheet: Helix V 1612

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

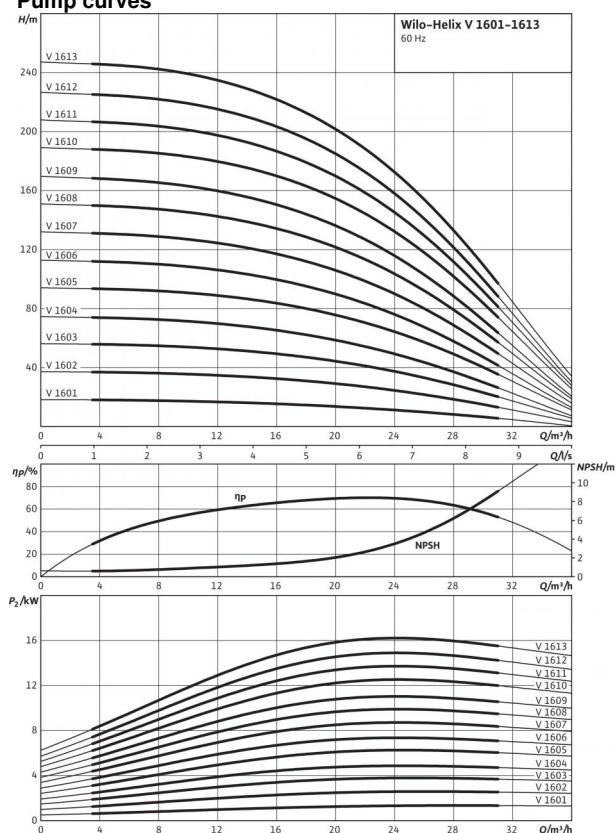
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1612
Art no.	4192474
Weight approx. $m$	173.0 kg

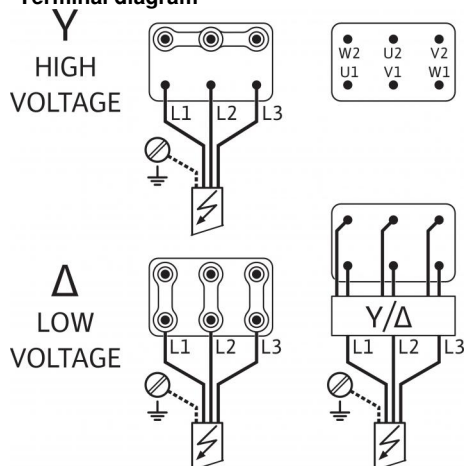
# Data sheet: Helix V 1613

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

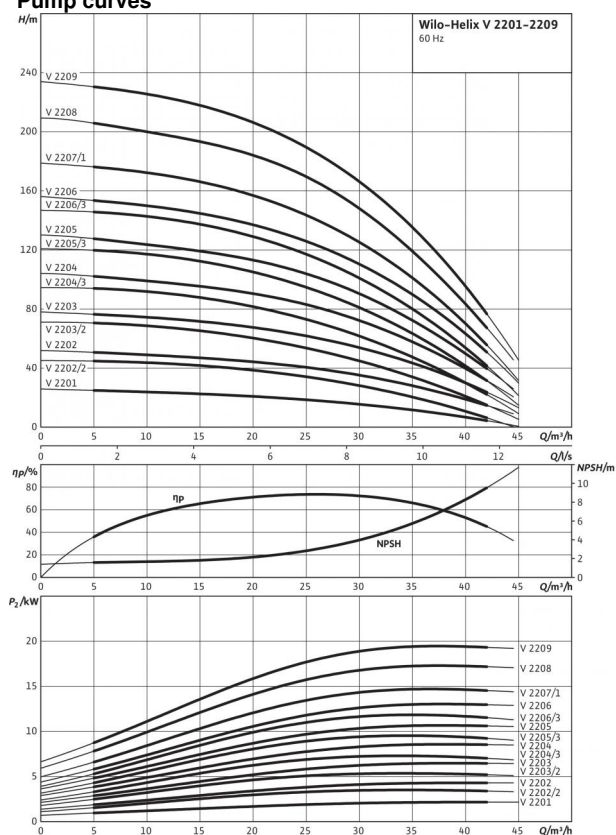
Impeller	1.4307 [AISI304L]
Pump housing	1.4301 [AISI304]
Pump shaft	1.4301 [AISI304]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 1613
Art no.	4192475
Weight approx. $m$	214.0 kg

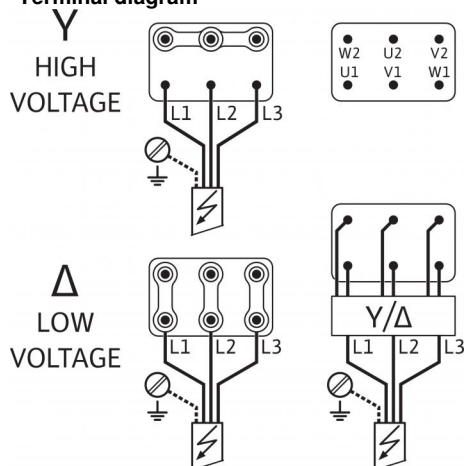
# Data sheet: Helix V 2201

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	2.2 kW
Power consumption $P_1$	2.62 kW
Nominal current 3~220 V, 60 Hz $I$	7.7 A
Nominal current 3~380 V, 60 Hz $I$	4.4 A
Nominal current 3~460 V, 60 Hz $I$	3.9 A
Motor efficiency $\eta_{m 50\%}$	84.3 %
Motor efficiency $\eta_{m 75\%}$	86.7 %
Motor efficiency $\eta_{m 100\%}$	86.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

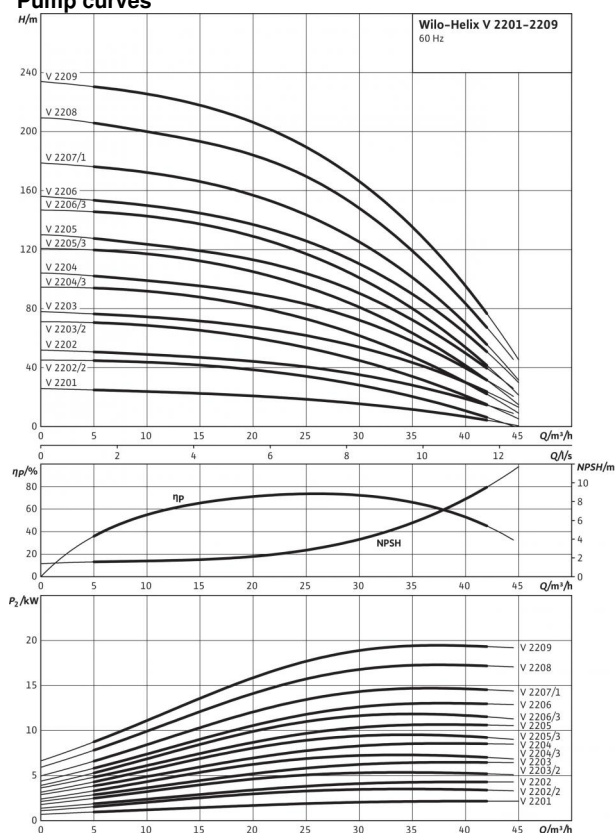
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2201
Art no.	4192556
Weight approx. $m$	62.0 kg

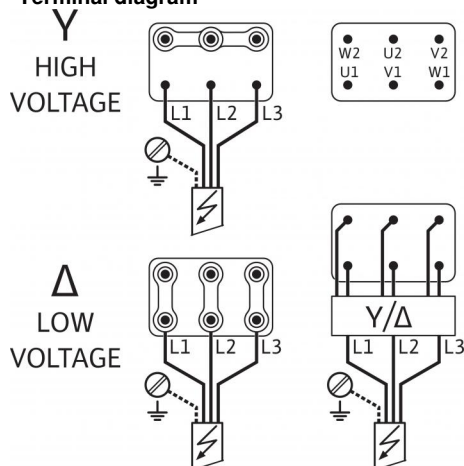
# Data sheet: Helix V 2202

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

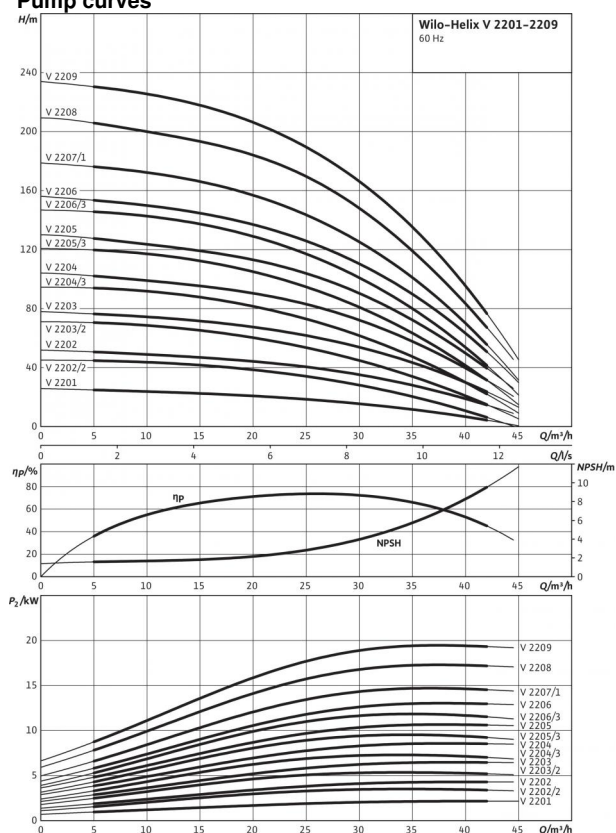
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2202
Art no.	4192558
Weight approx. $m$	89.0 kg

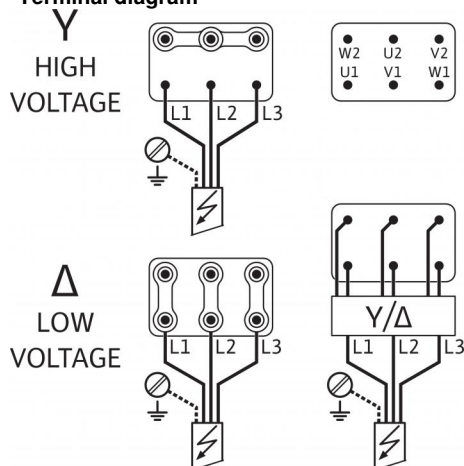
# Data sheet: Helix V 2202/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

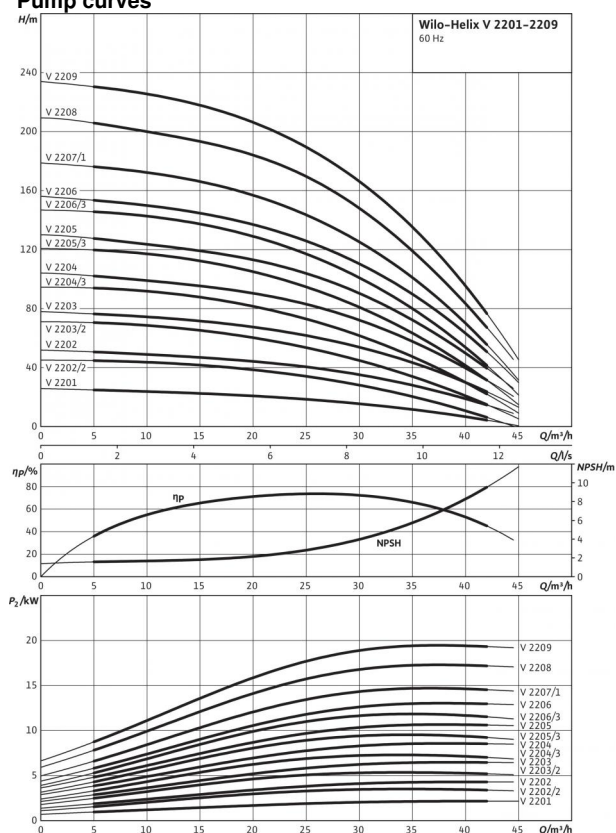
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2202/2
Art no.	4192557
Weight approx. $m$	65.0 kg

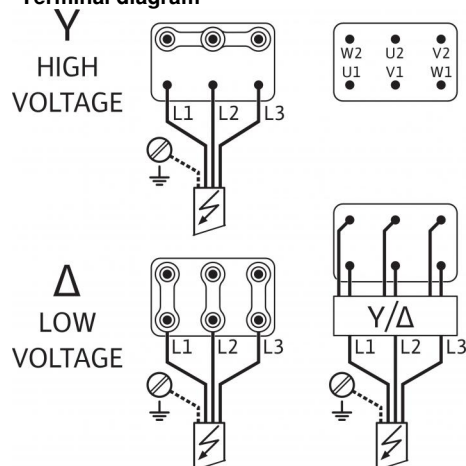
# Data sheet: Helix V 2203

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

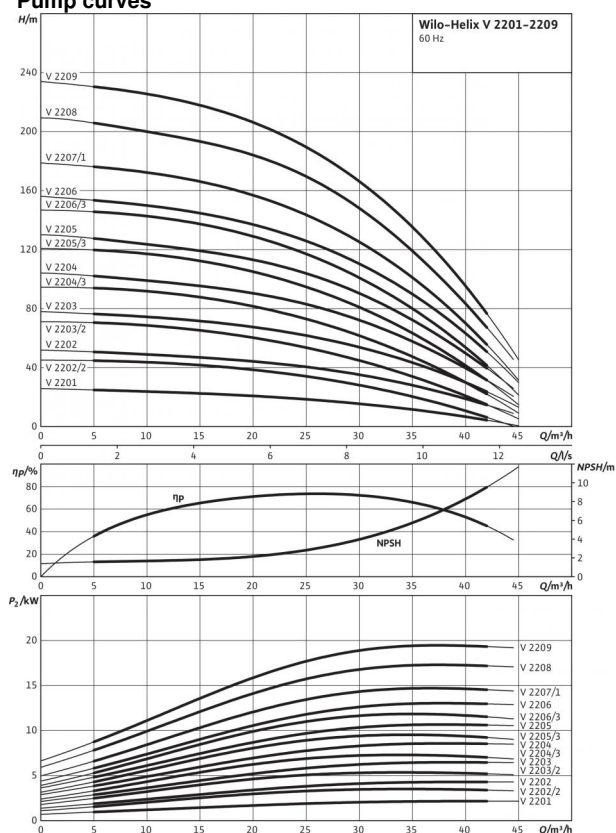
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2203
Art no.	4192560
Weight approx. $m$	83.0 kg

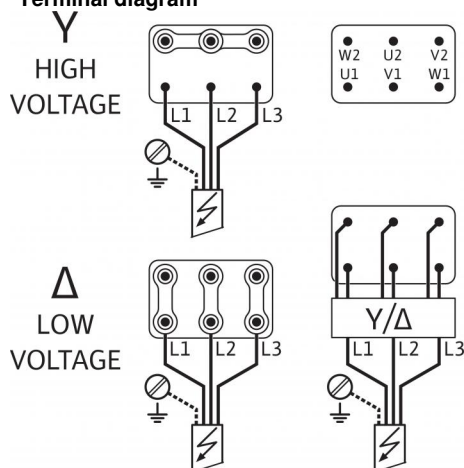
# Data sheet: Helix V 2203/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

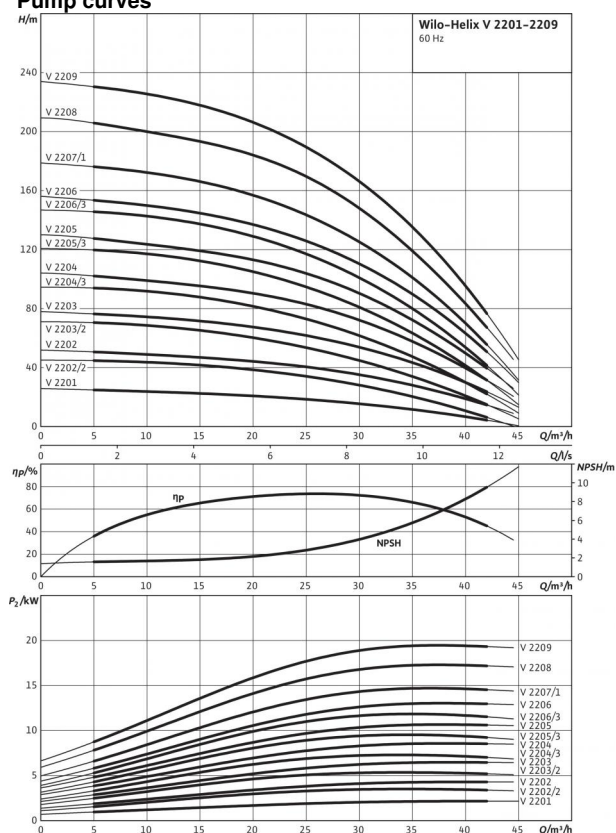
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2203/2
Art no.	4192559
Weight approx. $m$	73.0 kg

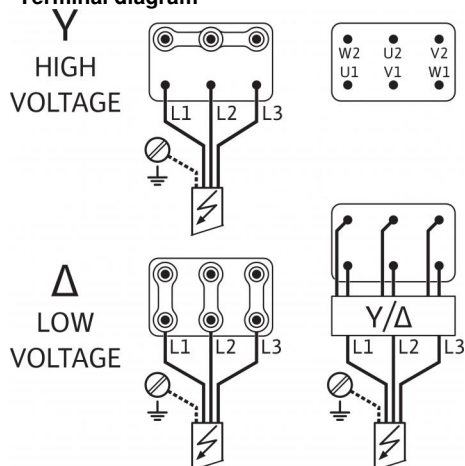
## Data sheet: Helix V 2204

### Pump curves



Pump curves in accordance with ISO 9906, class 2

### Terminal diagram



### Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

### Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

### Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

### Materials

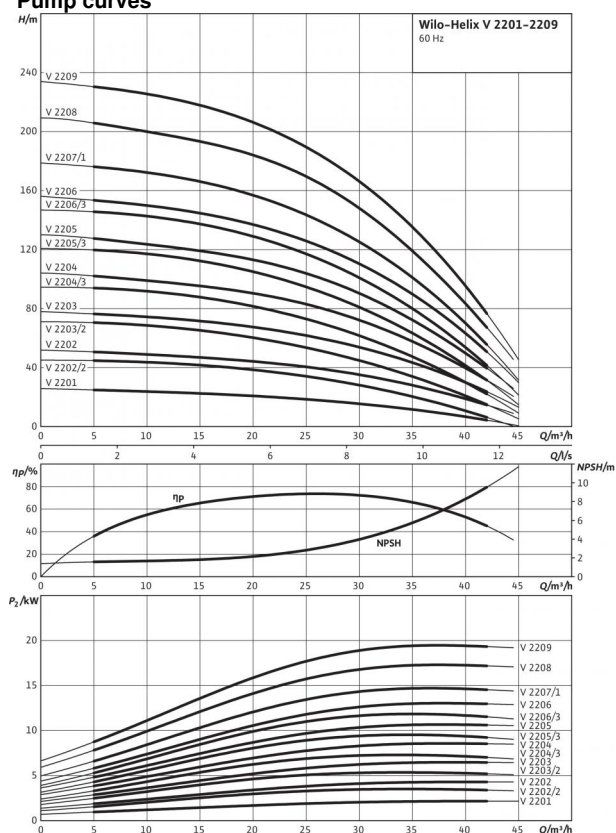
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

### Information for order placements

Make	Wilo
Type	Helix V 2204
Art no.	4192562
Weight approx. $m$	133.0 kg

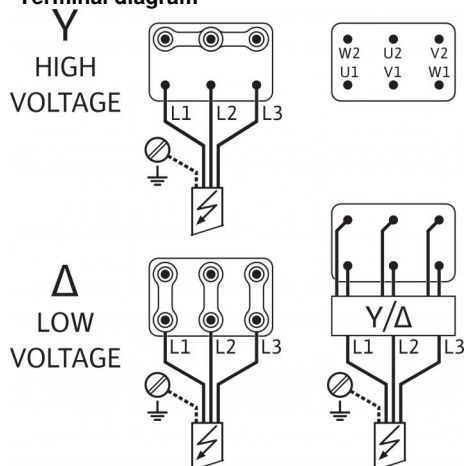
# Data sheet: Helix V 2204/3

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

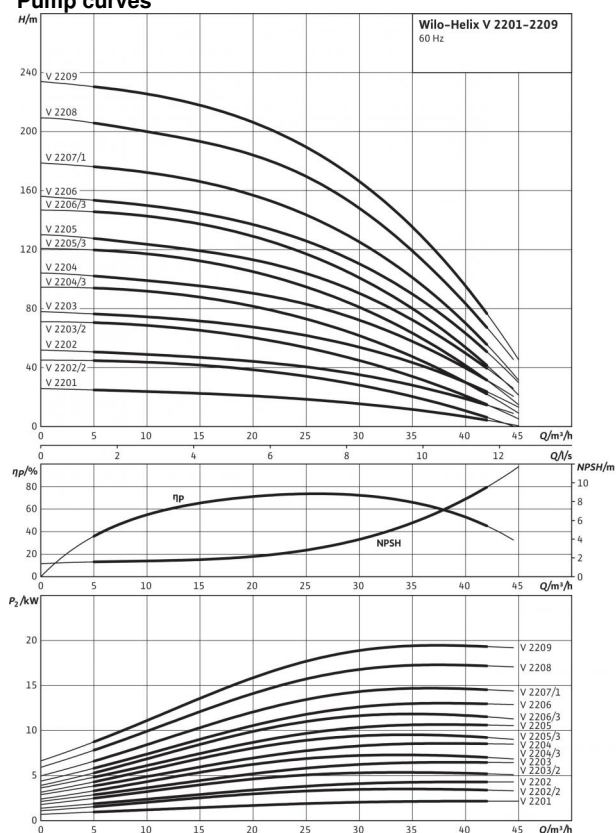
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2204/3
Art no.	4192561
Weight approx. $m$	85.0 kg

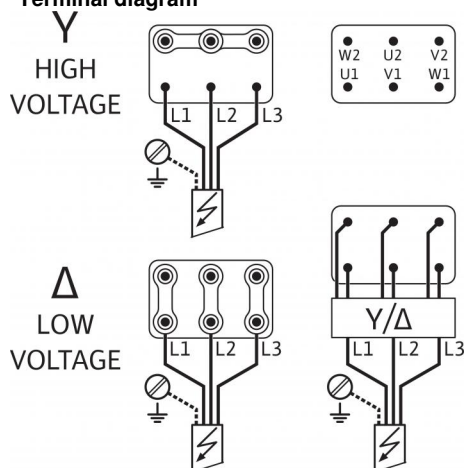
## Data sheet: Helix V 2205

### Pump curves



Pump curves in accordance with ISO 9906, class 2

### Terminal diagram



### Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

### Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

### Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

### Materials

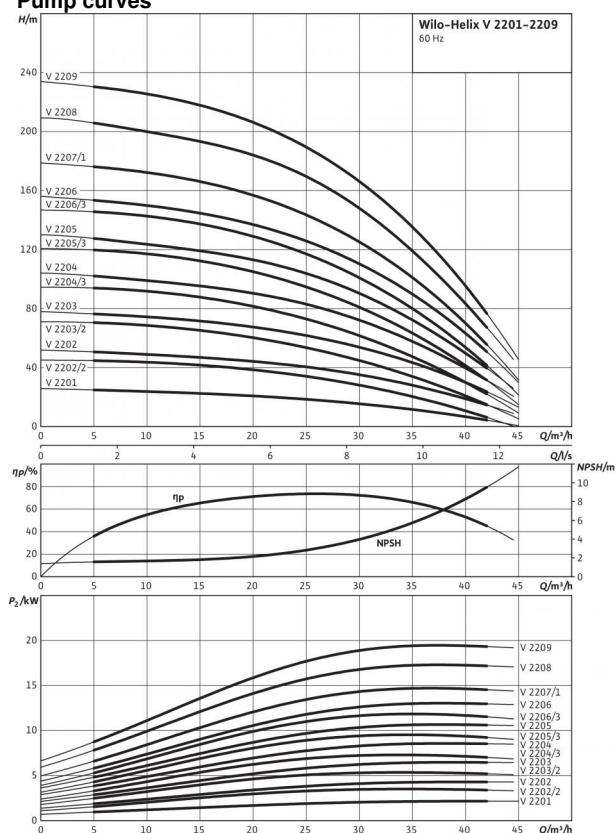
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

### Information for order placements

Make	Wilo
Type	Helix V 2205
Art no.	4192564
Weight approx. $m$	135.0 kg

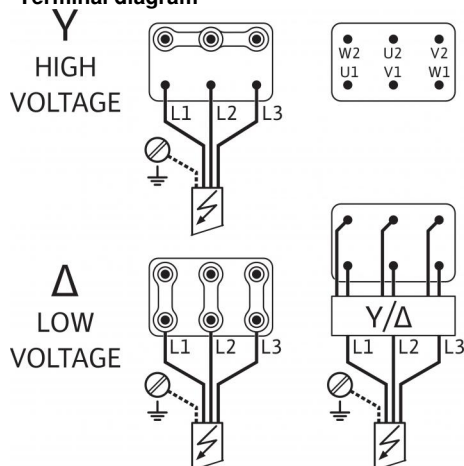
# Data sheet: Helix V 2205/3

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

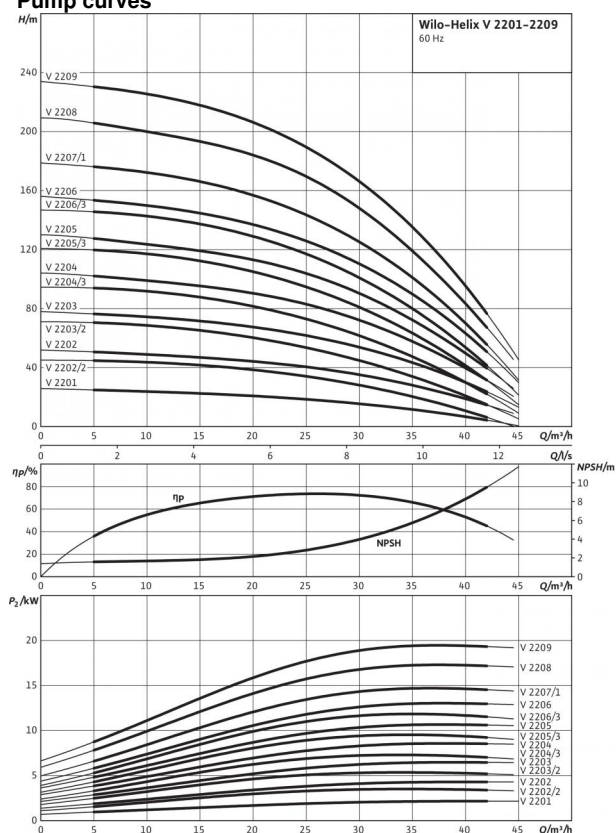
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2205/3
Art no.	4192563
Weight approx. $m$	104.0 kg

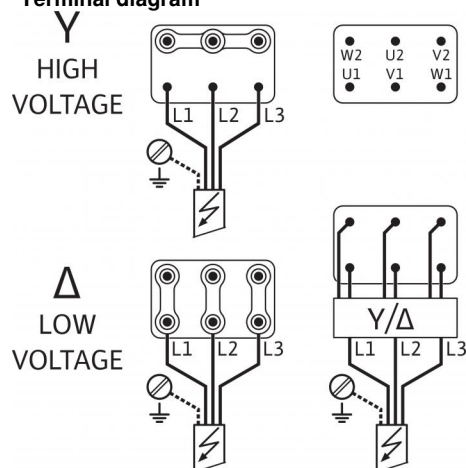
# Data sheet: Helix V 2206

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

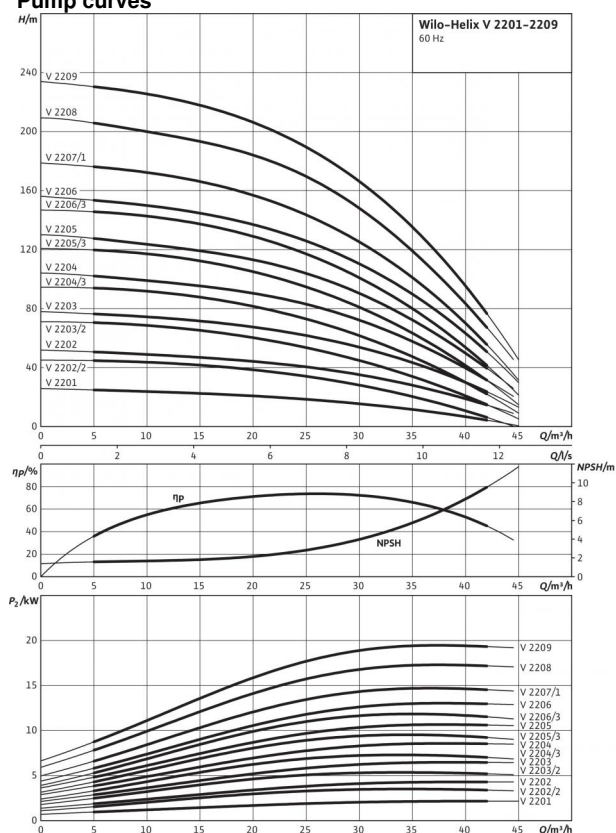
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2206
Art no.	4192566
Weight approx. $m$	175.0 kg

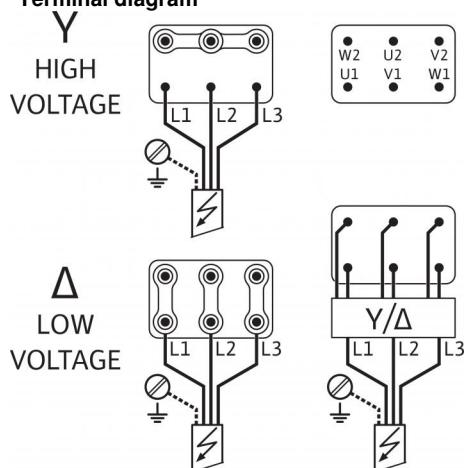
# Data sheet: Helix V 2206/3

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

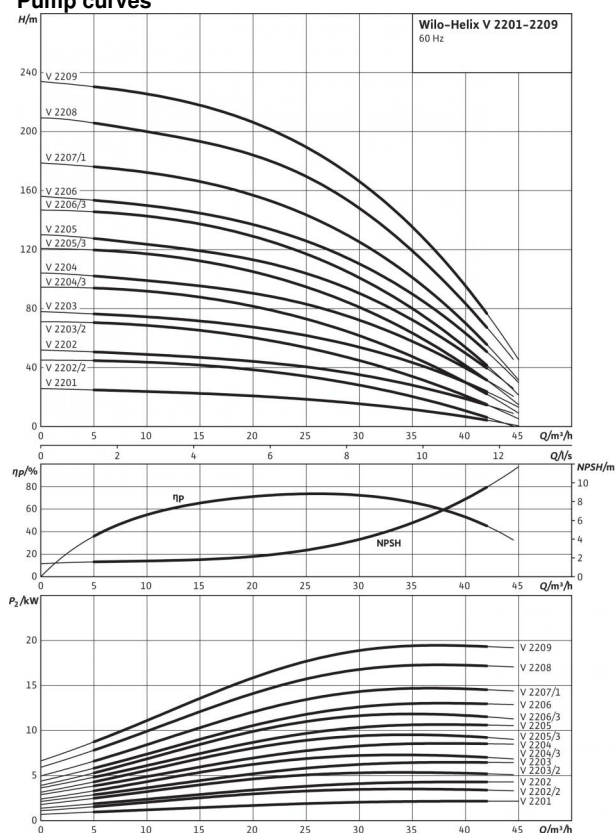
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2206/3
Art no.	4192565
Weight approx. $m$	175.0 kg

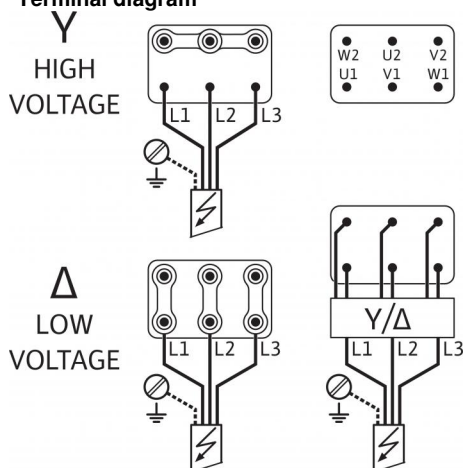
# Data sheet: Helix V 2207/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

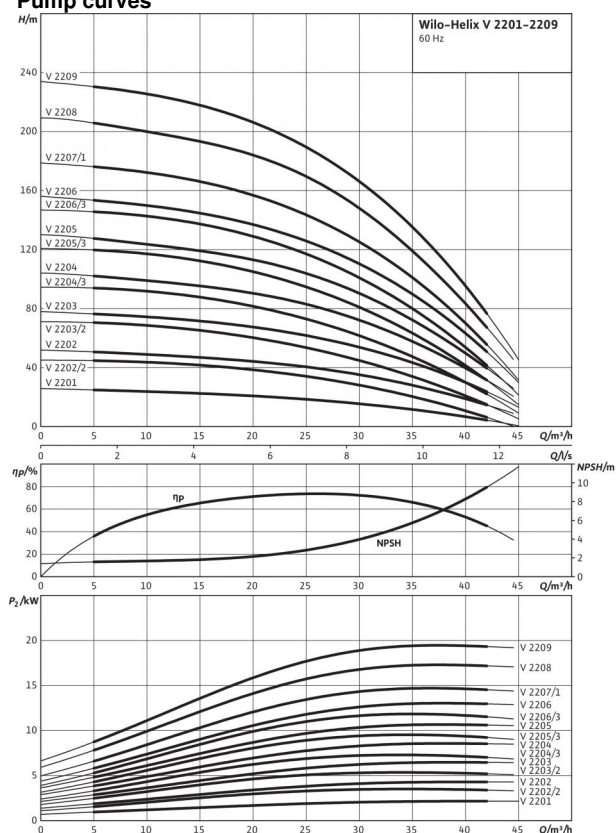
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2207/1
Art no.	4192567
Weight approx. $m$	177.0 kg

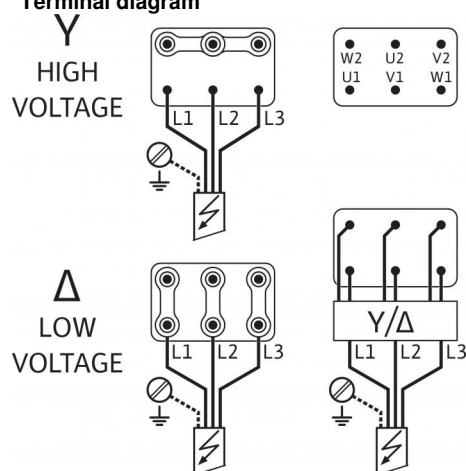
# Data sheet: Helix V 2208

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

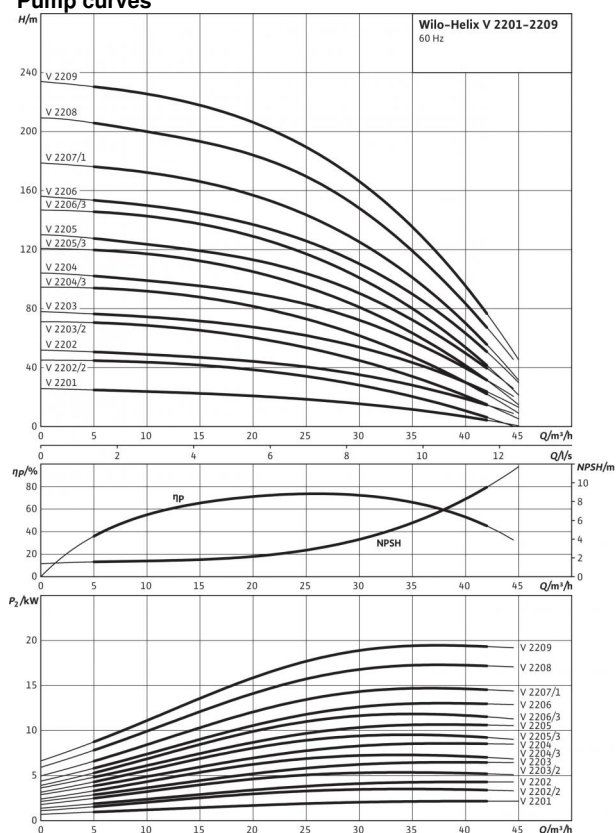
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2208
Art no.	4192568
Weight approx. $m$	190.0 kg

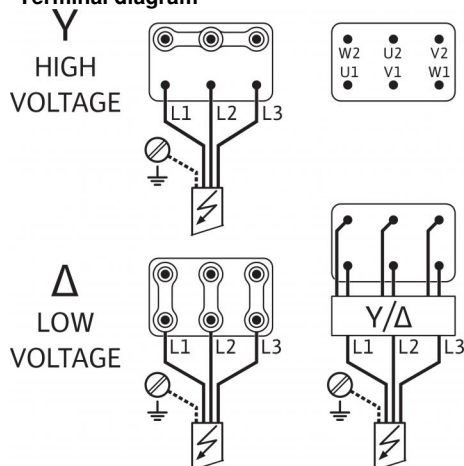
# Data sheet: Helix V 2209

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	22 kW
Power consumption $P_1$	23.9 kW
Nominal current 3~380 V, 60 Hz $I$	39.2 A
Nominal current 3~440 V, 60 Hz $I$	33.6 A
Nominal current 3~460 V, 60 Hz $I$	31.2 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.4 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 50
Flange nominal diameter (on the suction side)	DN 50

## Materials

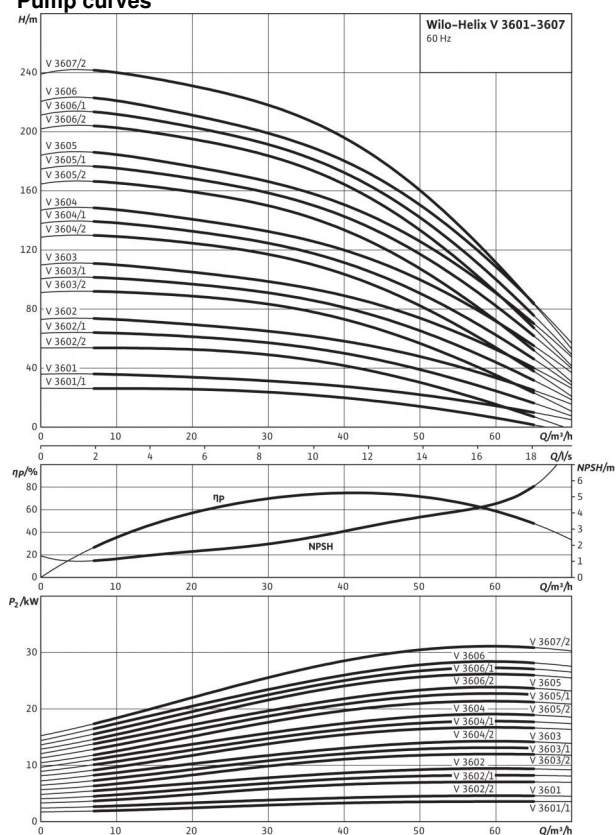
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 2209
Art no.	4192569
Weight approx. $m$	191.0 kg

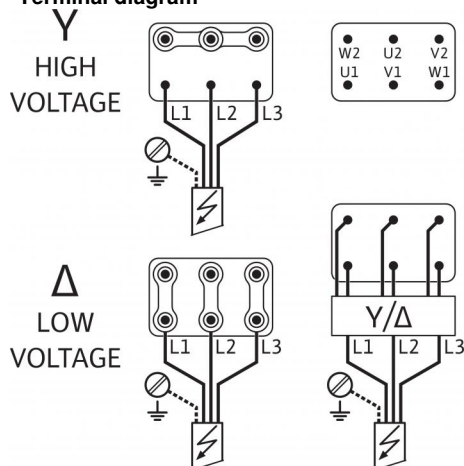
# Data sheet: Helix V 3601

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

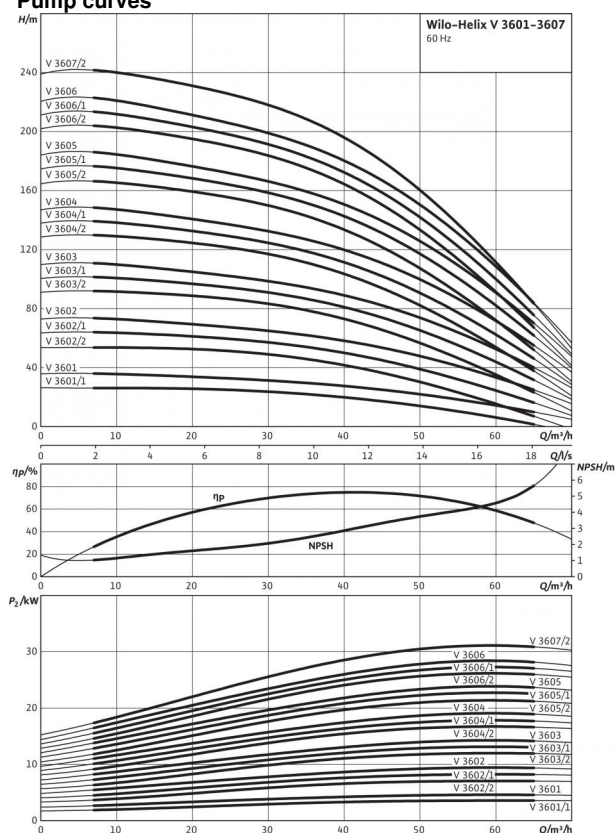
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3601
Art no.	4192573
Weight approx. $m$	74.0 kg

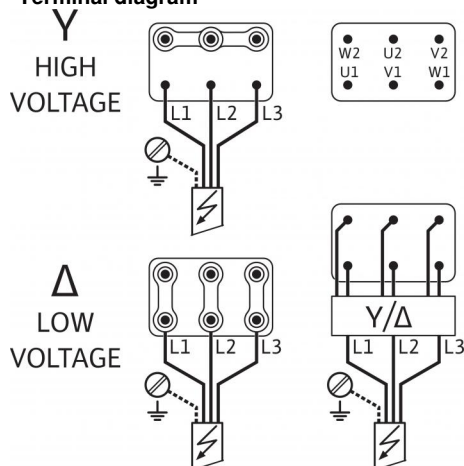
# Data sheet: Helix V 3601/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	4 kW
Power consumption $P_1$	4.5 kW
Nominal current 3~220 V, 60 Hz $I$	13 A
Nominal current 3~380 V, 60 Hz $I$	7.5 A
Nominal current 3~460 V, 60 Hz $I$	7 A
Motor efficiency $\eta_{m 50\%}$	86.3 %
Motor efficiency $\eta_{m 75\%}$	88.0 %
Motor efficiency $\eta_{m 100\%}$	88.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

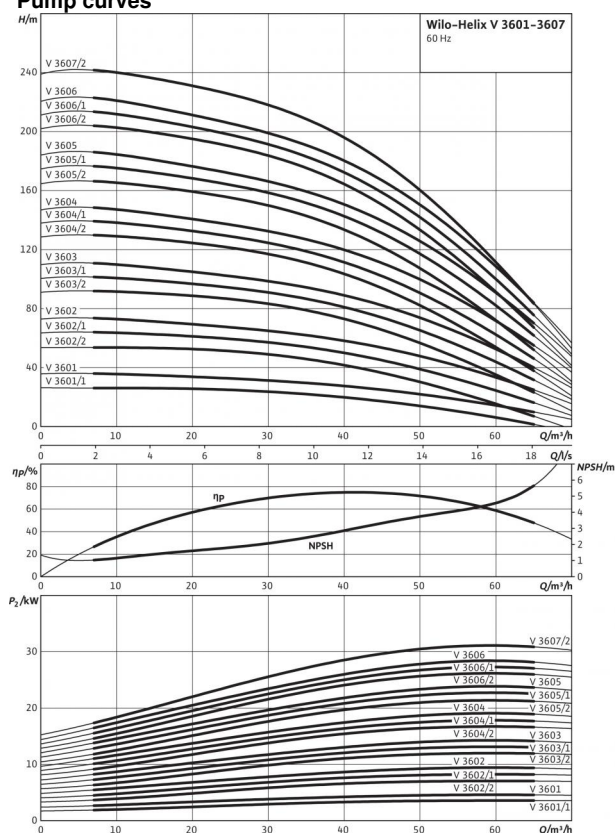
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3601/1
Art no.	4192572
Weight approx. $m$	68.0 kg

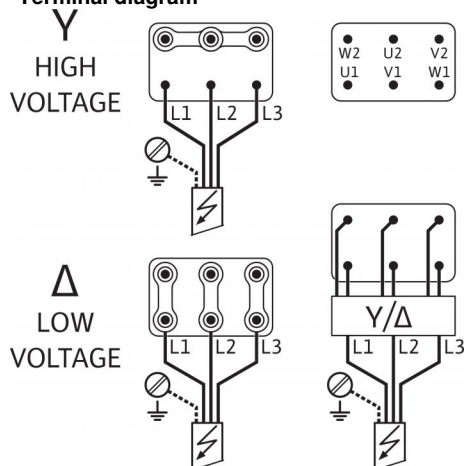
# Data sheet: Helix V 3602

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

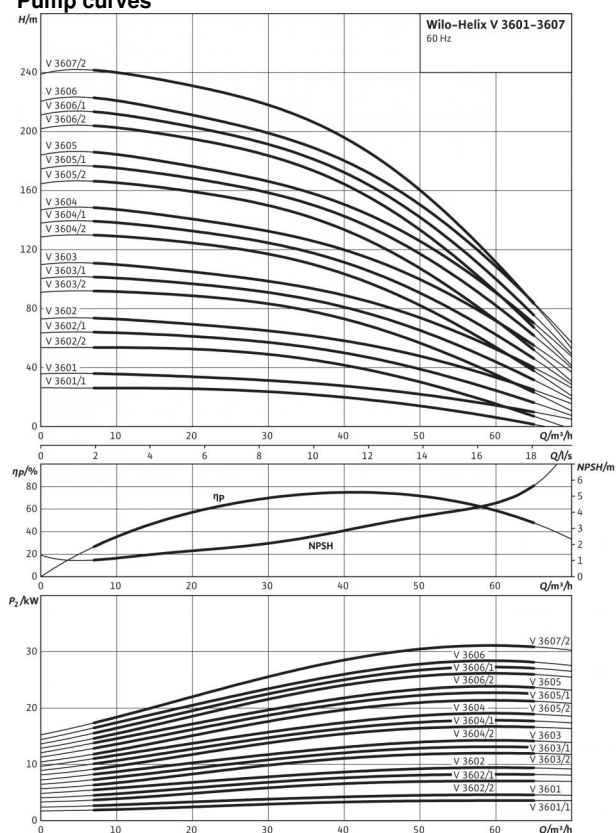
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3602
Art no.	4192576
Weight approx. $m$	103.0 kg

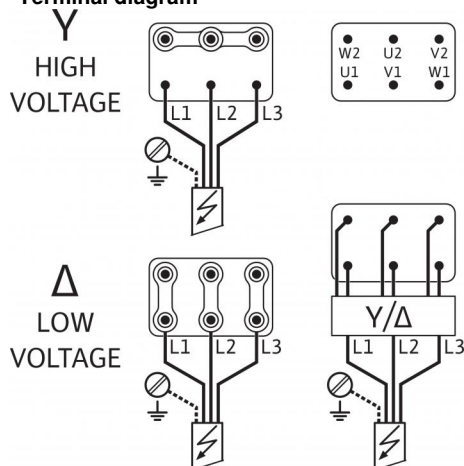
# Data sheet: Helix V 3602/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	9 kW
Power consumption $P_1$	9.91 kW
Nominal current 3~380 V, 60 Hz $I$	16.2 A
Nominal current 3~440 V, 60 Hz $I$	14.1 A
Nominal current 3~460 V, 60 Hz $I$	13.4 A
Motor efficiency $\eta_{m 50\%}$	86.7 %
Motor efficiency $\eta_{m 75\%}$	89.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

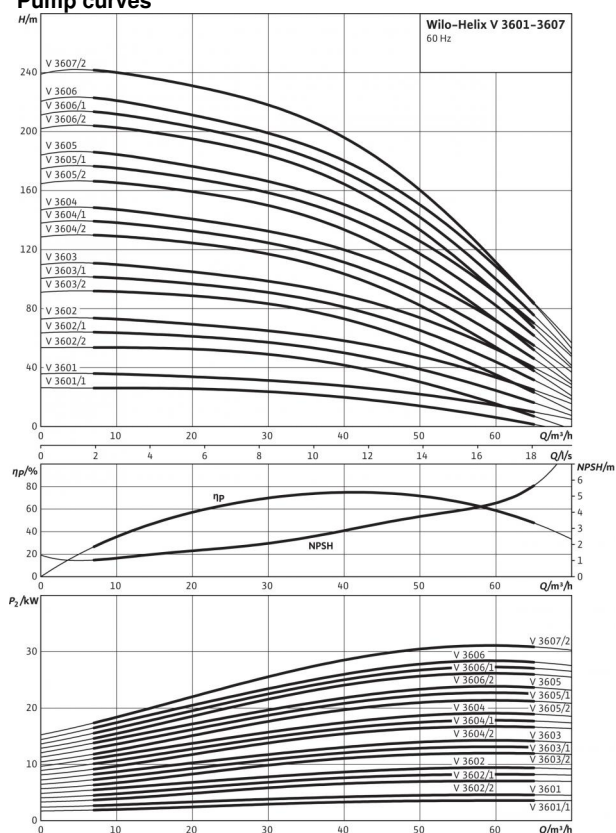
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3602/1
Art no.	4192575
Weight approx. $m$	101.0 kg

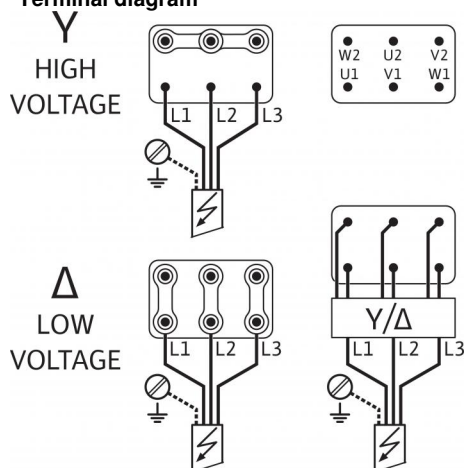
# Data sheet: Helix V 3602/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

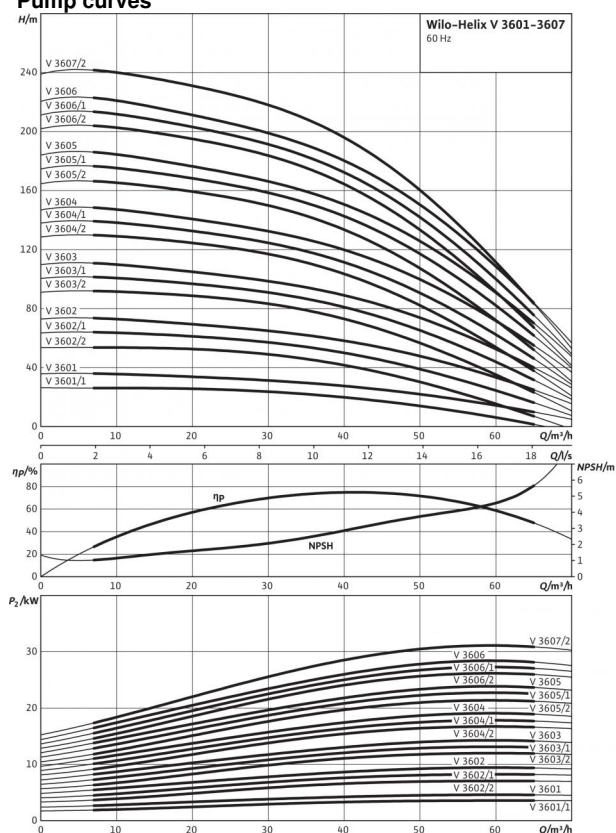
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3602/2
Art no.	4192574
Weight approx. $m$	86.0 kg

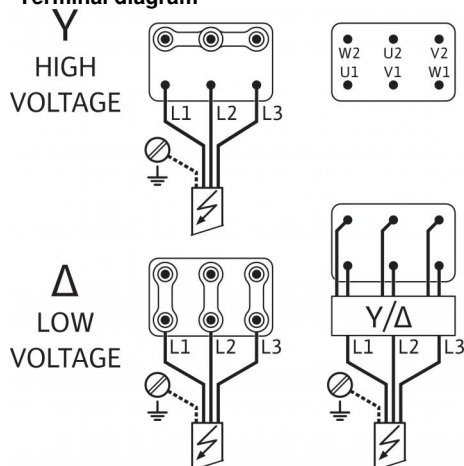
# Data sheet: Helix V 3603

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

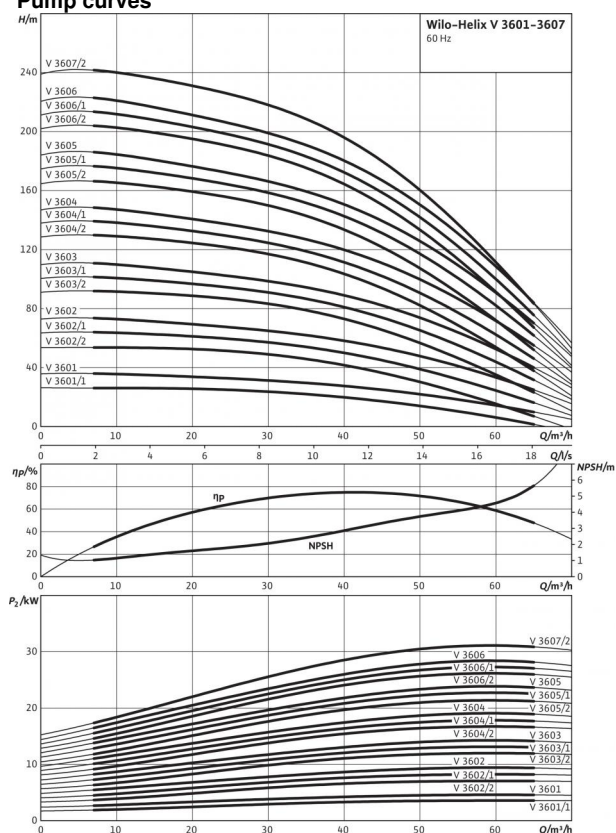
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3603
Art no.	4192579
Weight approx. $m$	177.0 kg

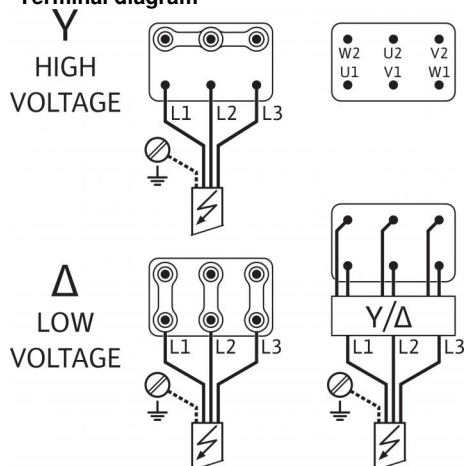
# Data sheet: Helix V 3603/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

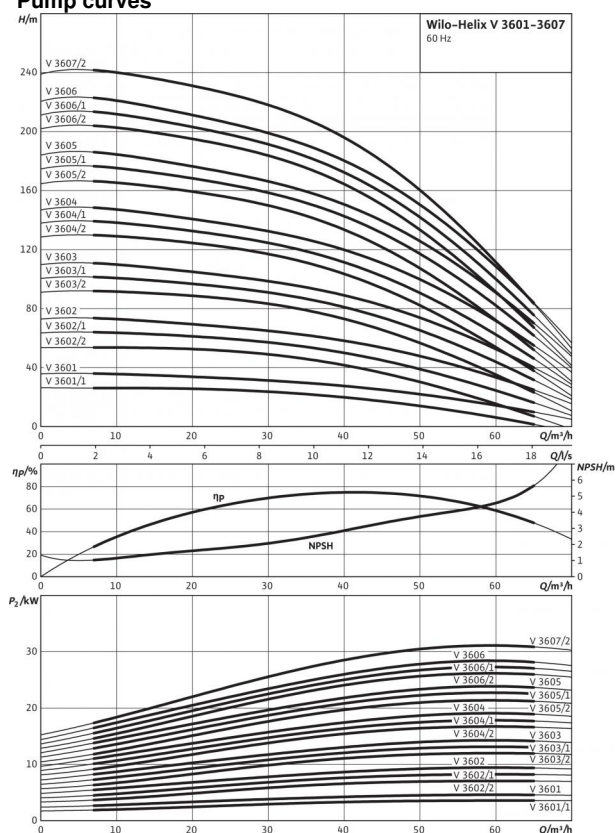
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3603/1
Art no.	4192578
Weight approx. $m$	177.0 kg

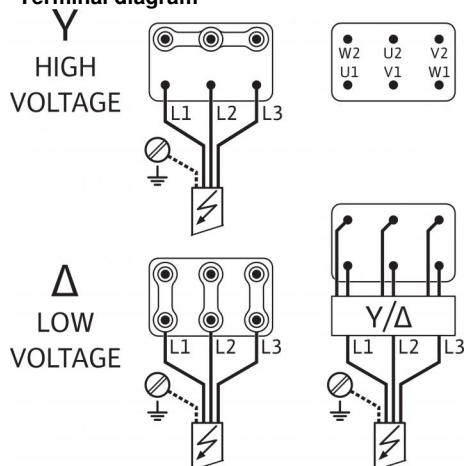
# Data sheet: Helix V 3603/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

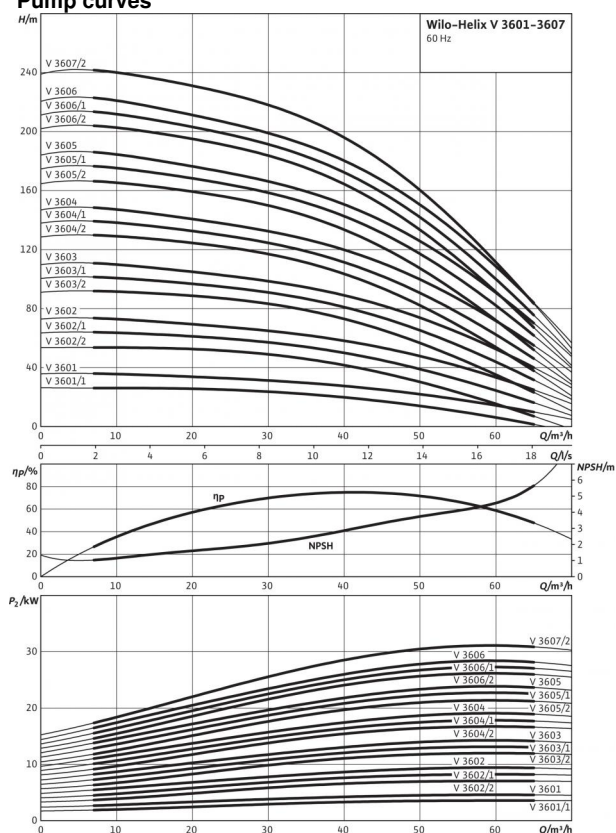
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3603/2
Art no.	4192577
Weight approx. $m$	177.0 kg

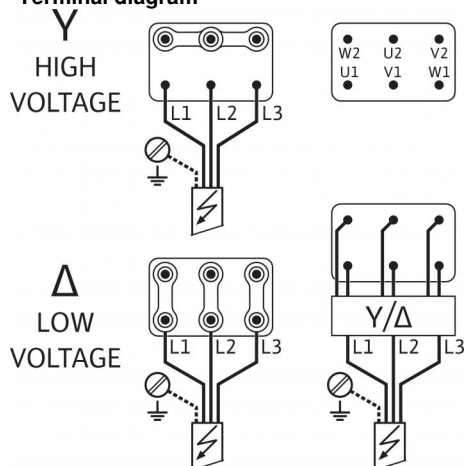
# Data sheet: Helix V 3604

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	22 kW
Power consumption $P_1$	23.9 kW
Nominal current 3~380 V, 60 Hz $I$	39.2 A
Nominal current 3~440 V, 60 Hz $I$	33.6 A
Nominal current 3~460 V, 60 Hz $I$	31.2 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.4 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

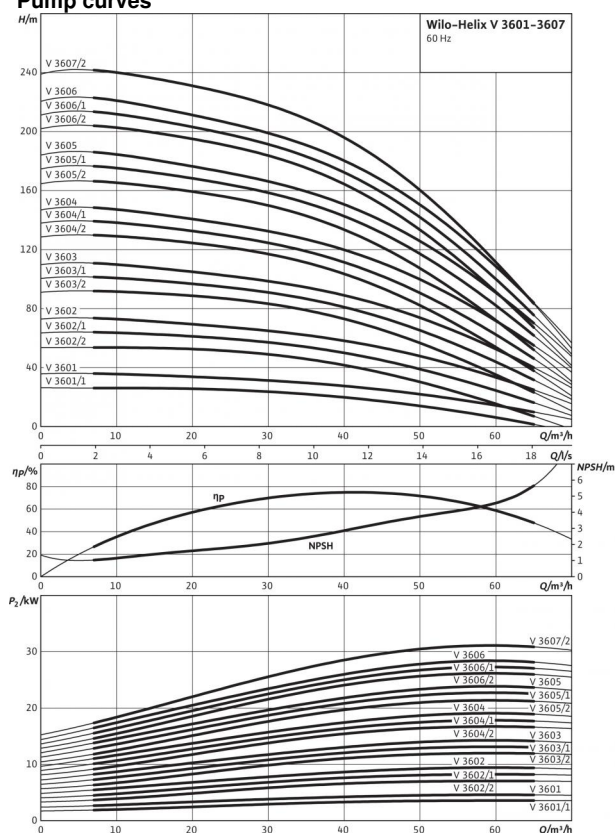
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3604
Art no.	4192582
Weight approx. $m$	191.0 kg

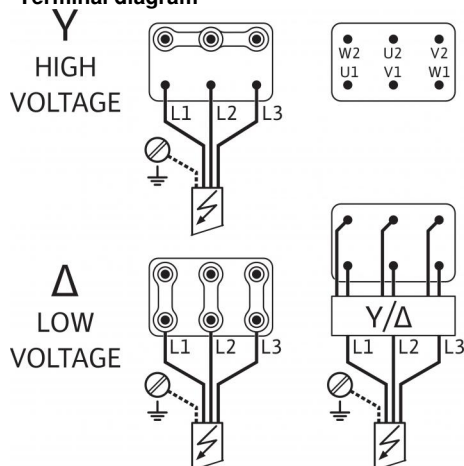
# Data sheet: Helix V 3604/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

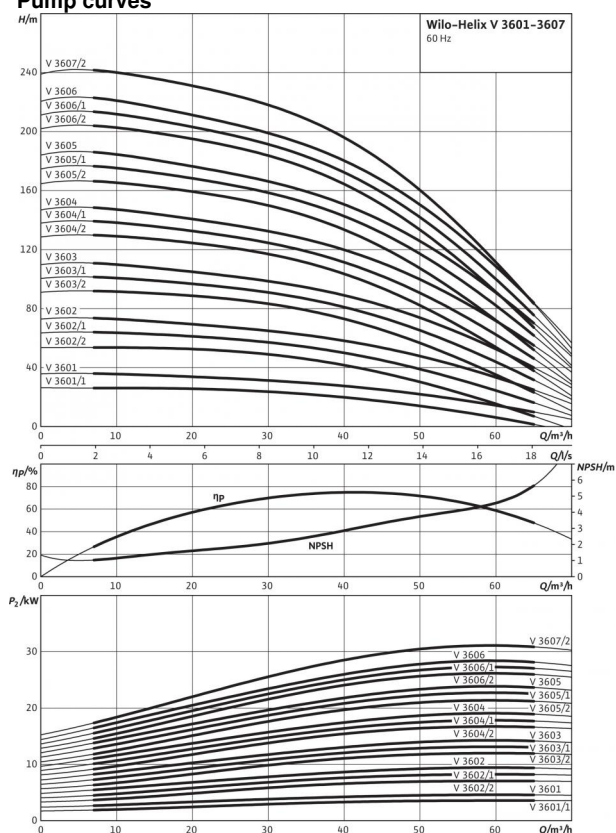
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3604/1
Art no.	4192581
Weight approx. $m$	191.0 kg

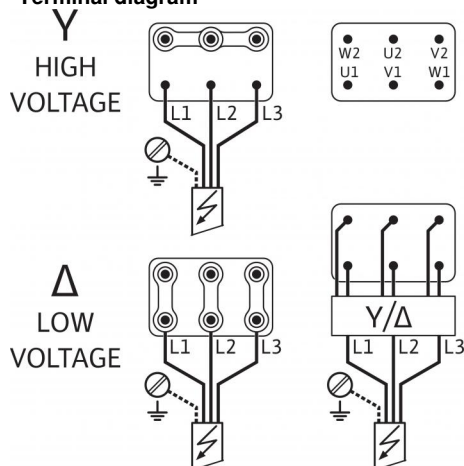
# Data sheet: Helix V 3604/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

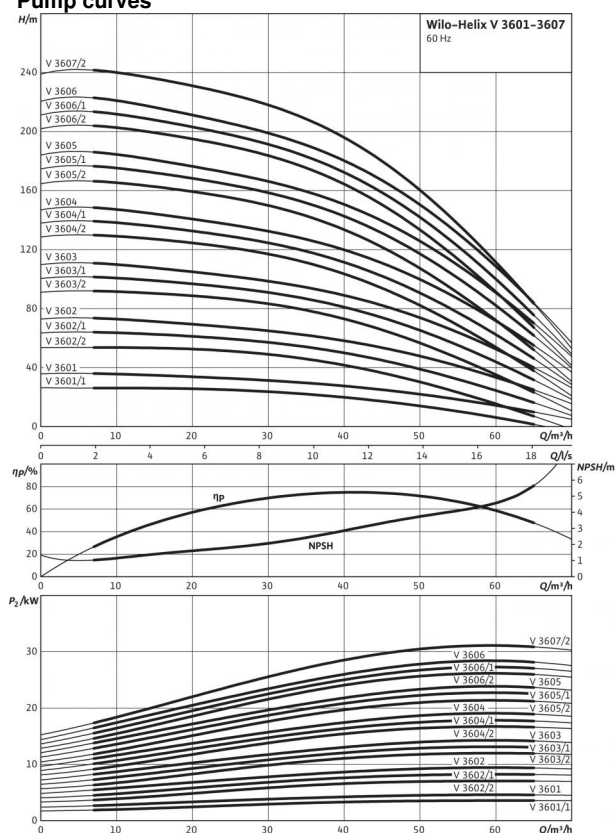
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3604/2
Art no.	4192580
Weight approx. $m$	191.0 kg

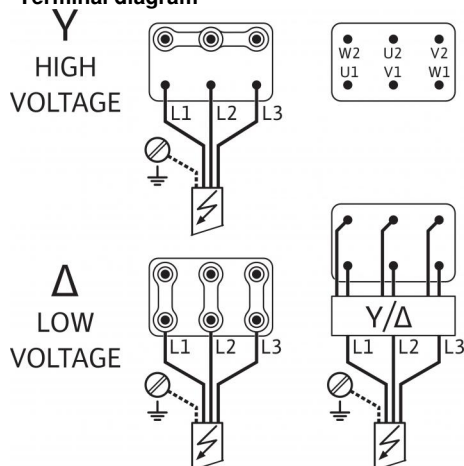
## Data sheet: Helix V 3605

### Pump curves



Pump curves in accordance with ISO 9906, class 2

### Terminal diagram



### Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{\max}$	25 bar

### Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

### Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

### Materials

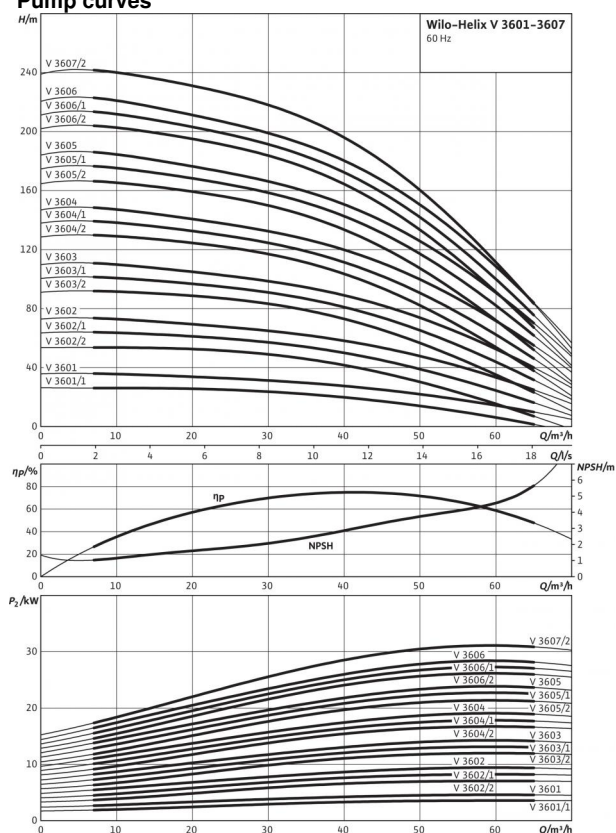
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

### Information for order placements

Make	Wilo
Type	Helix V 3605
Art no.	4192585
Weight approx. $m$	268.0 kg

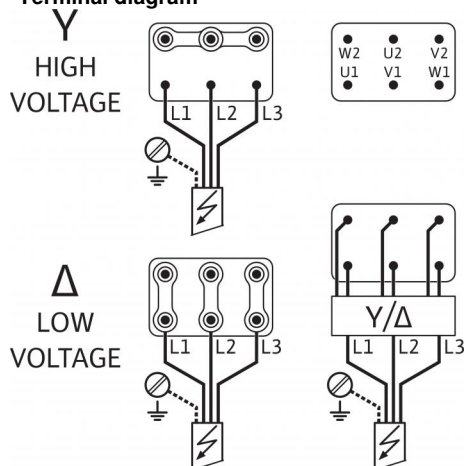
# Data sheet: Helix V 3605/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

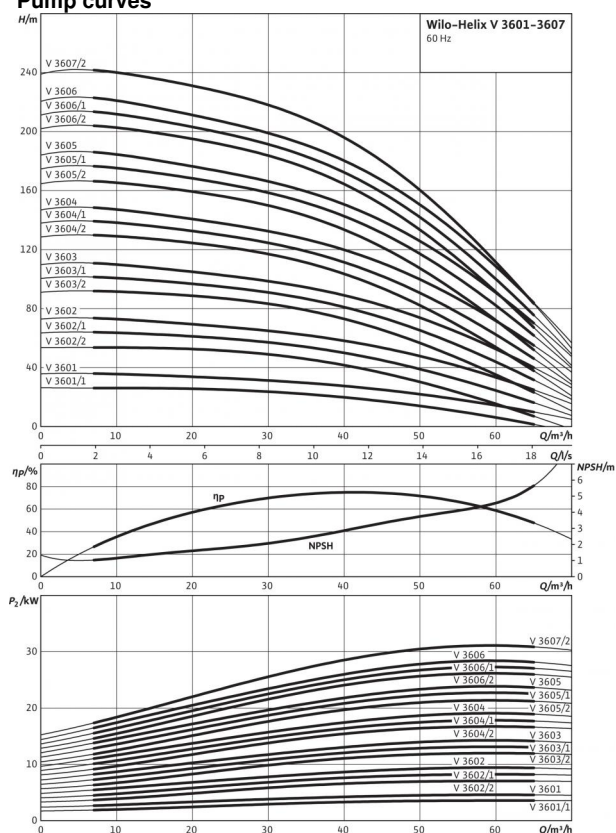
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3605/1
Art no.	4192584
Weight approx. $m$	268.0 kg

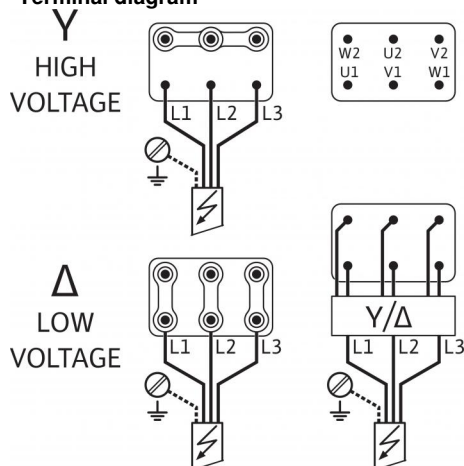
# Data sheet: Helix V 3605/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	22 kW
Power consumption $P_1$	23.9 kW
Nominal current 3~380 V, 60 Hz $I$	39.2 A
Nominal current 3~440 V, 60 Hz $I$	33.6 A
Nominal current 3~460 V, 60 Hz $I$	31.2 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.4 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

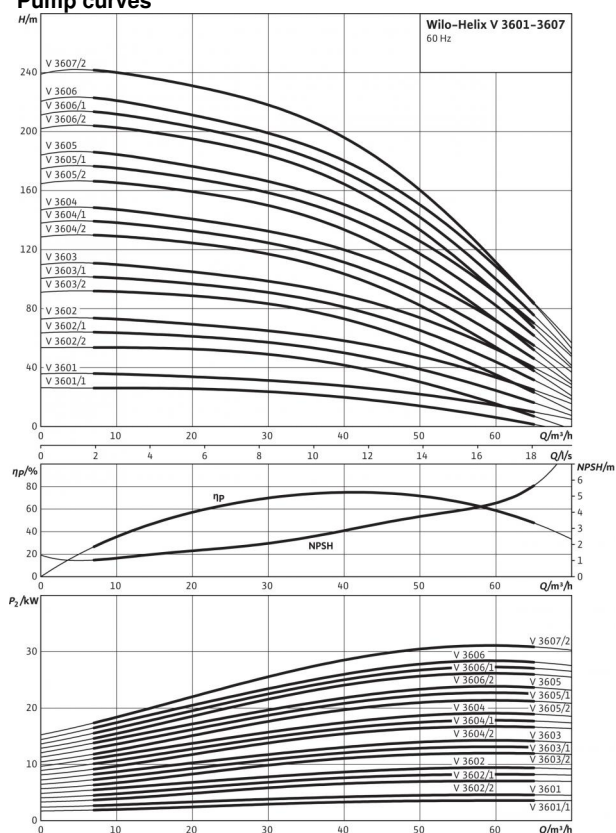
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3605/2
Art no.	4192583
Weight approx. $m$	196.0 kg

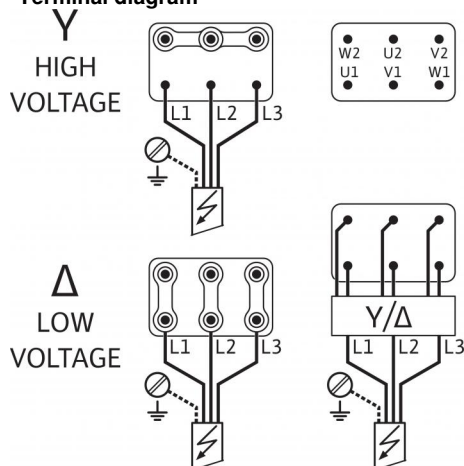
# Data sheet: Helix V 3606

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

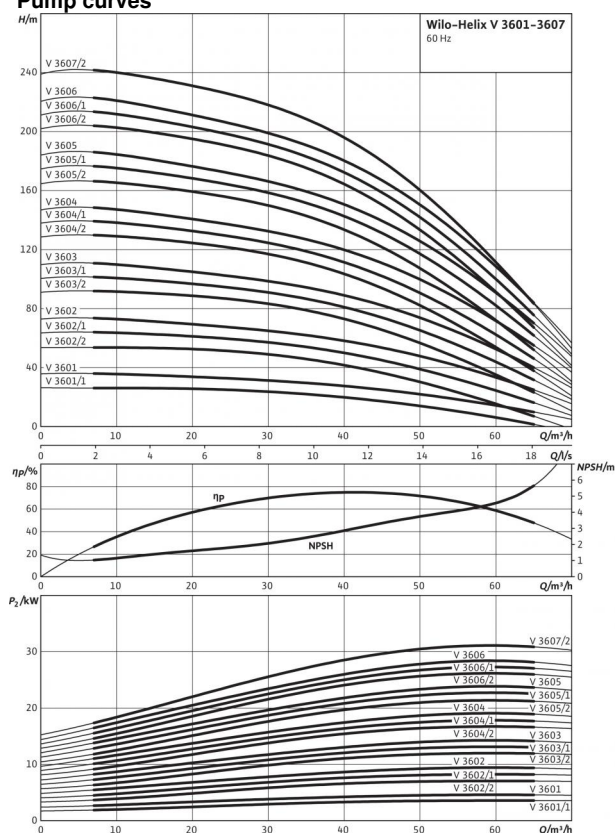
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3606
Art no.	4192588
Weight approx. $m$	272.0 kg

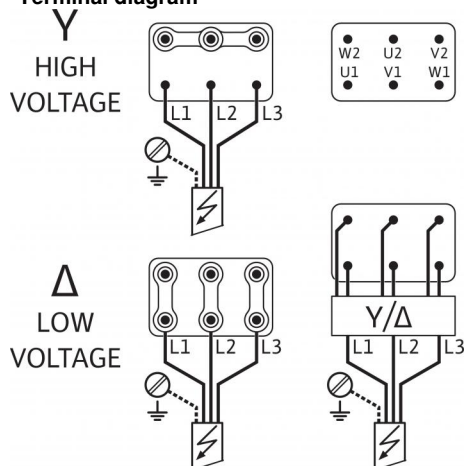
# Data sheet: Helix V 3606/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

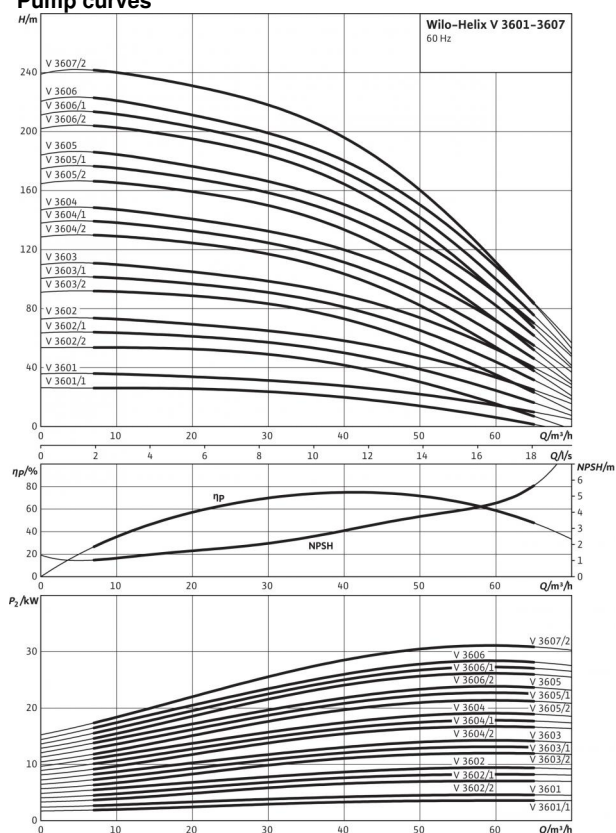
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3606/1
Art no.	4192587
Weight approx. $m$	271.0 kg

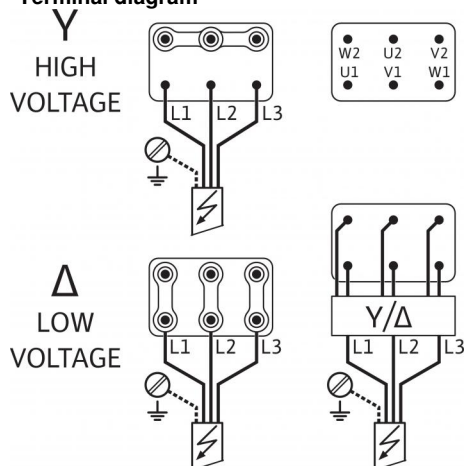
# Data sheet: Helix V 3606/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

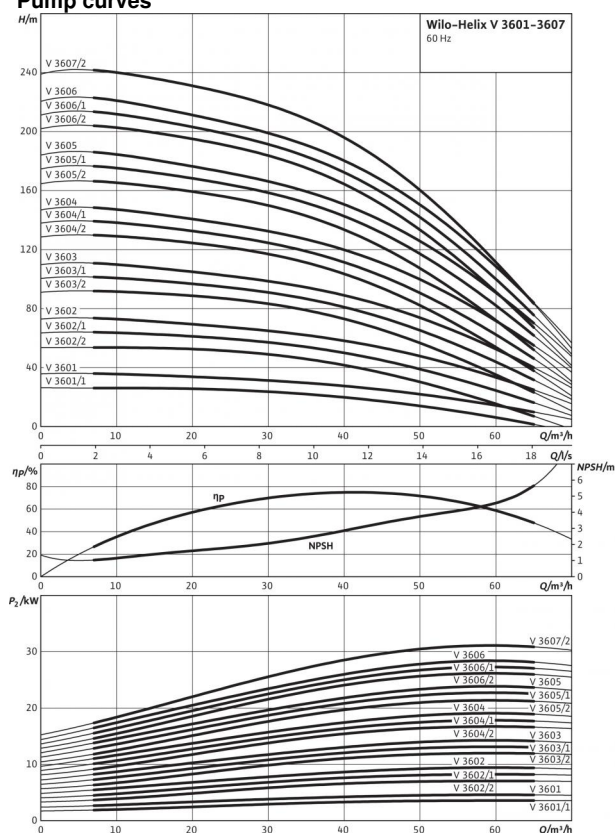
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3606/2
Art no.	4192586
Weight approx. $m$	271.0 kg

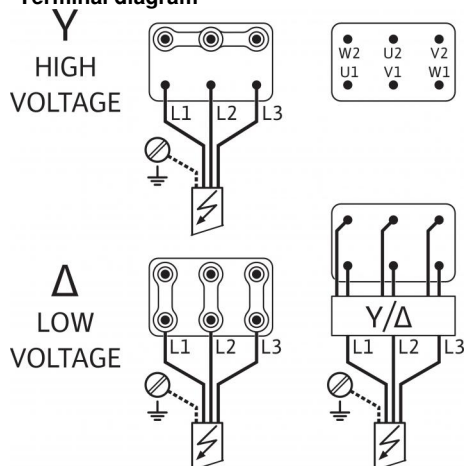
# Data sheet: Helix V 3607/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	37 kW
Power consumption $P_1$	39.96 kW
Nominal current 3~380 V, 60 Hz $I$	65.9 A
Nominal current 3~440 V, 60 Hz $I$	61.9 A
Nominal current 3~460 V, 60 Hz $I$	59.1 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	92.9 %
Motor efficiency $\eta_{m 100\%}$	93.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 65
Flange nominal diameter (on the suction side)	DN 65

## Materials

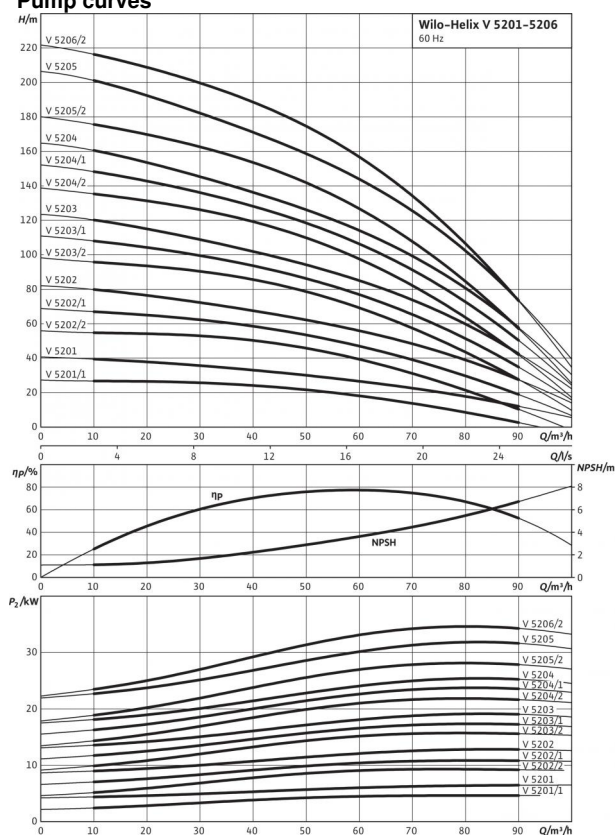
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 3607/2
Art no.	4192589
Weight approx. $m$	275.0 kg

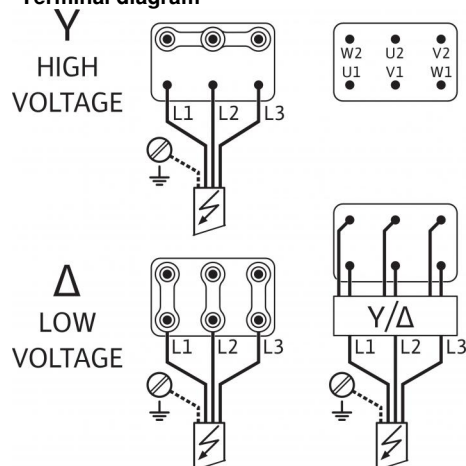
# Data sheet: Helix V 5201

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	7.5 kW
Power consumption $P_1$	8.25 kW
Nominal current 3~380 V, 60 Hz $I$	13.8 A
Nominal current 3~440 V, 60 Hz $I$	12.2 A
Nominal current 3~460 V, 60 Hz $I$	11.6 A
Motor efficiency $\eta_{m 50\%}$	87.8 %
Motor efficiency $\eta_{m 75\%}$	89.8 %
Motor efficiency $\eta_{m 100\%}$	90.2 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

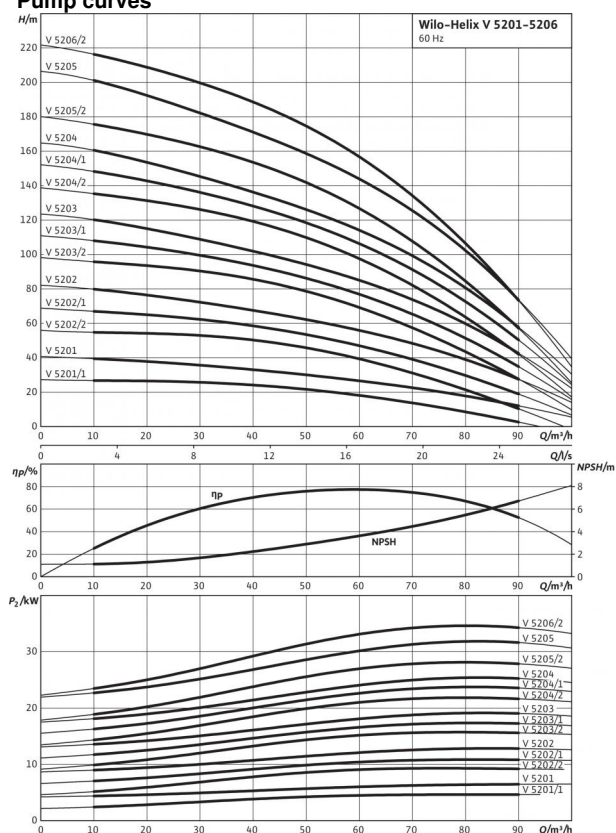
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5201
Art no.	4192594
Weight approx. $m$	92.0 kg

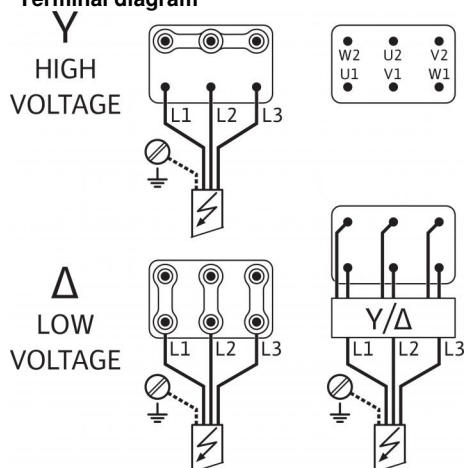
# Data sheet: Helix V 5201/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~380/460 V, 60 Hz
Rated power $P_2$	5.5 kW
Power consumption $P_1$	6.13 kW
Nominal current 3~380 V, 60 Hz $I$	10.1 A
Nominal current 3~460 V, 60 Hz $I$	9.2 A
Motor efficiency $\eta_m$ 50%	88.0 %
Motor efficiency $\eta_m$ 75%	89.6 %
Motor efficiency $\eta_m$ 100%	89.5 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

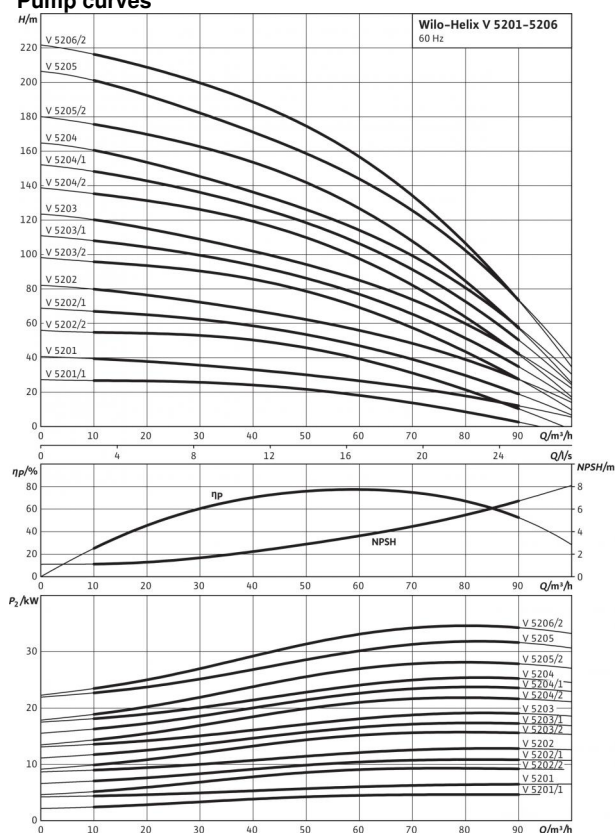
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5201/1
Art no.	4192593
Weight approx. $m$	83.0 kg

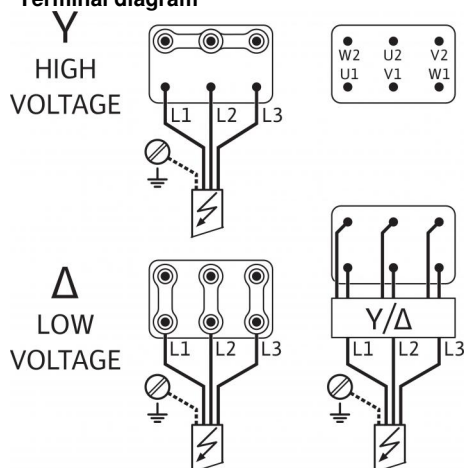
# Data sheet: Helix V 5202

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	15 kW
Power consumption $P_1$	16.69 kW
Nominal current 3~380 V, 60 Hz $I$	27 A
Nominal current 3~440 V, 60 Hz $I$	23.5 A
Nominal current 3~460 V, 60 Hz $I$	21.8 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.0 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

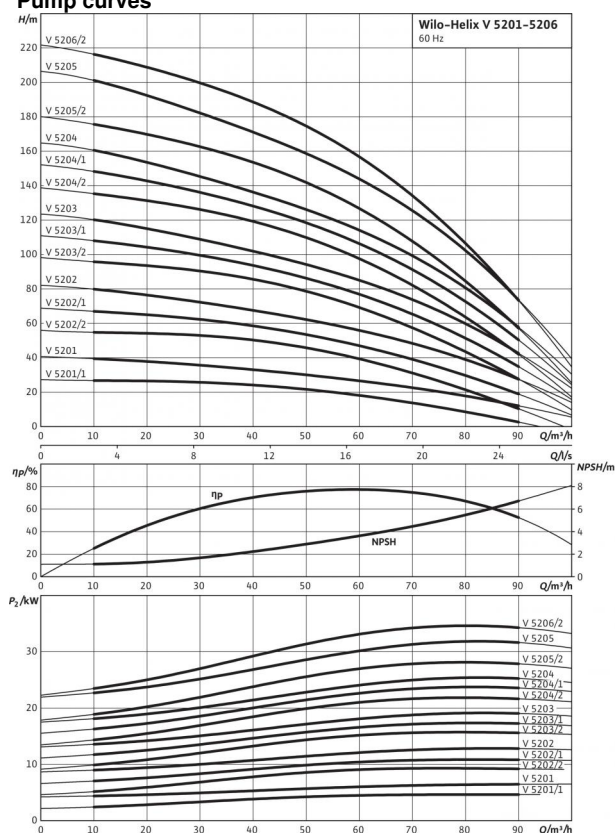
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5202
Art no.	4192597
Weight approx. $m$	184.0 kg

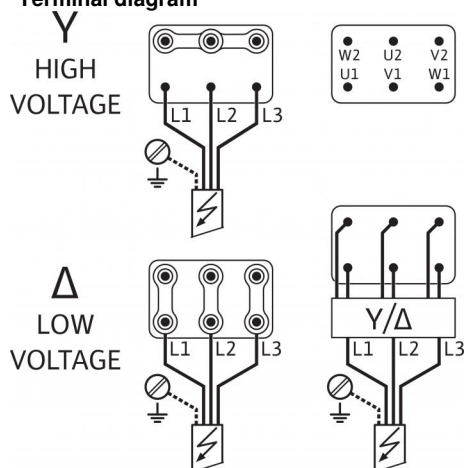
# Data sheet: Helix V 5202/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

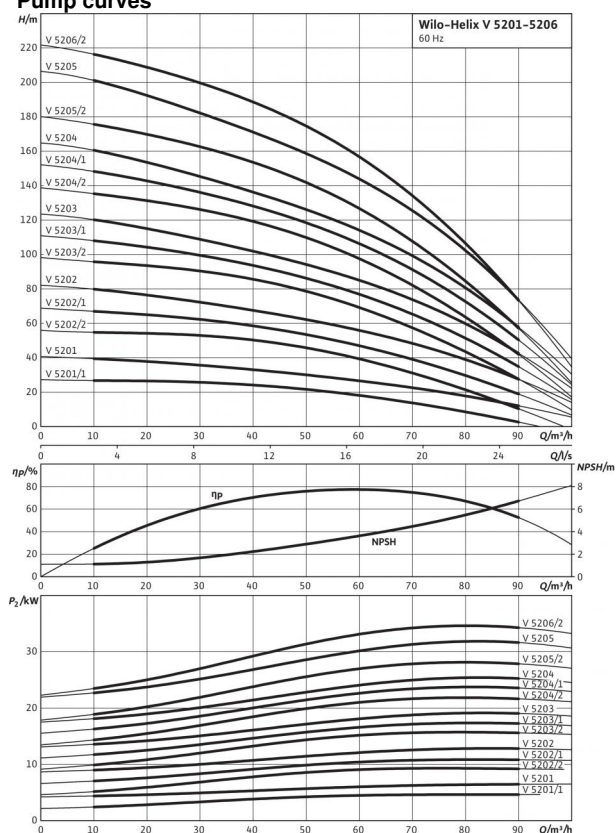
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5202/1
Art no.	4192596
Weight approx. $m$	115.0 kg

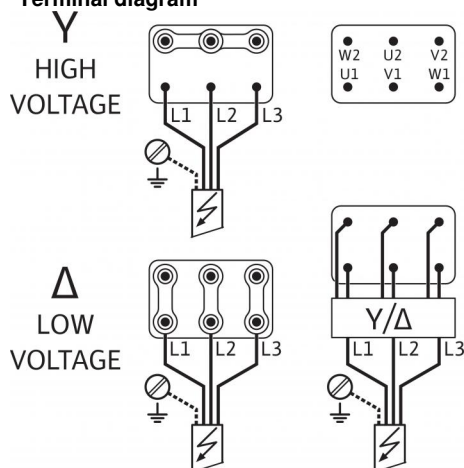
# Data sheet: Helix V 5202/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	16 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	11 kW
Power consumption $P_1$	12.1 kW
Nominal current 3~380 V, 60 Hz $I$	19.7 A
Nominal current 3~440 V, 60 Hz $I$	17.2 A
Nominal current 3~460 V, 60 Hz $I$	16.1 A
Motor efficiency $\eta_{m 50\%}$	89.4 %
Motor efficiency $\eta_{m 75\%}$	90.3 %
Motor efficiency $\eta_{m 100\%}$	91.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

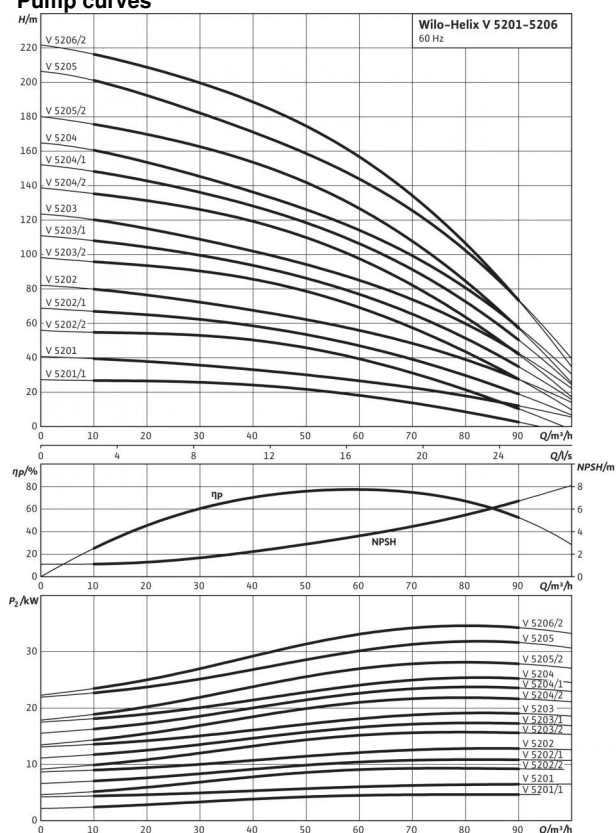
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	Q1BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5202/2
Art no.	4192595
Weight approx. $m$	115.0 kg

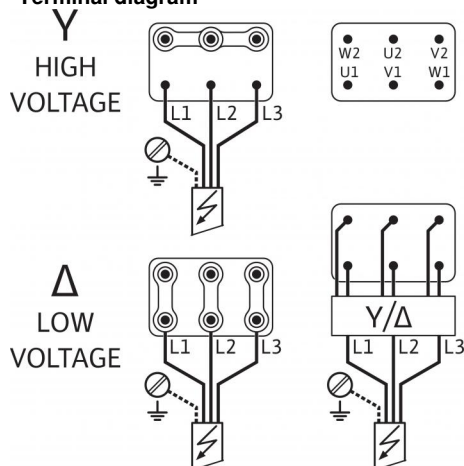
# Data sheet: Helix V 5203

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	22 kW
Power consumption $P_1$	23.9 kW
Nominal current 3~380 V, 60 Hz $I$	39.2 A
Nominal current 3~440 V, 60 Hz $I$	33.6 A
Nominal current 3~460 V, 60 Hz $I$	31.2 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.4 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

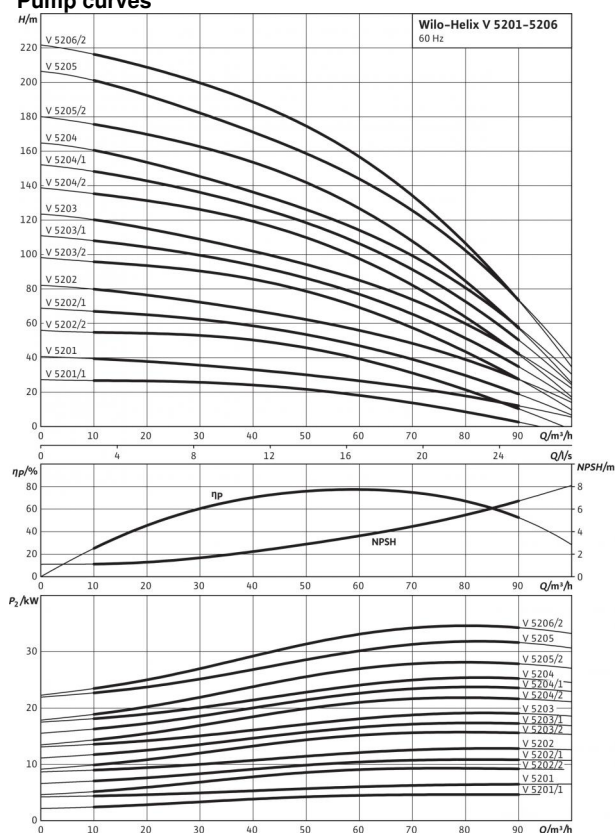
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5203
Art no.	4192600
Weight approx. $m$	199.0 kg

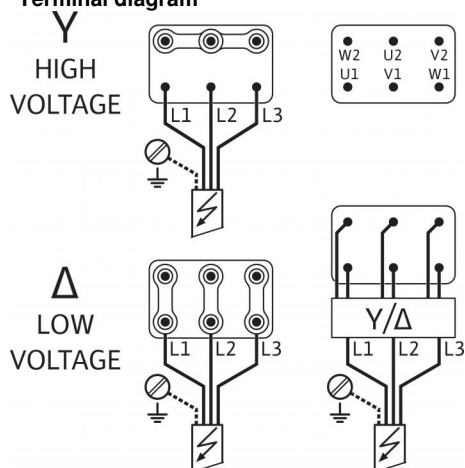
# Data sheet: Helix V 5203/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

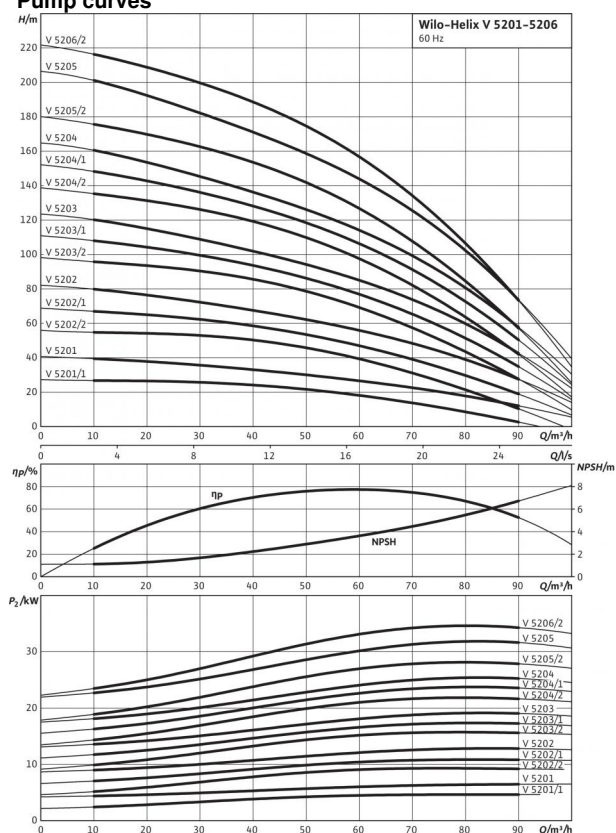
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5203/1
Art no.	4192599
Weight approx. $m$	199.0 kg

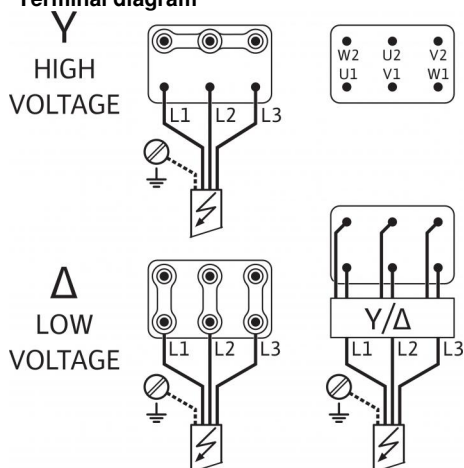
# Data sheet: Helix V 5203/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	18.5 kW
Power consumption $P_1$	20.25 kW
Nominal current 3~380 V, 60 Hz $I$	33.5 A
Nominal current 3~440 V, 60 Hz $I$	28.9 A
Nominal current 3~460 V, 60 Hz $I$	27 A
Motor efficiency $\eta_{m 50\%}$	89.5 %
Motor efficiency $\eta_{m 75\%}$	91.5 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

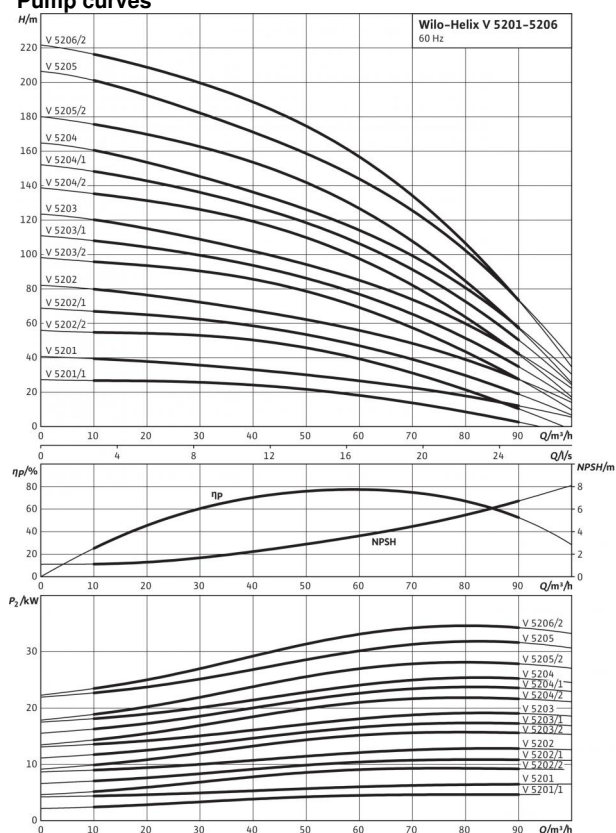
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5203/2
Art no.	4192598
Weight approx. $m$	199.0 kg

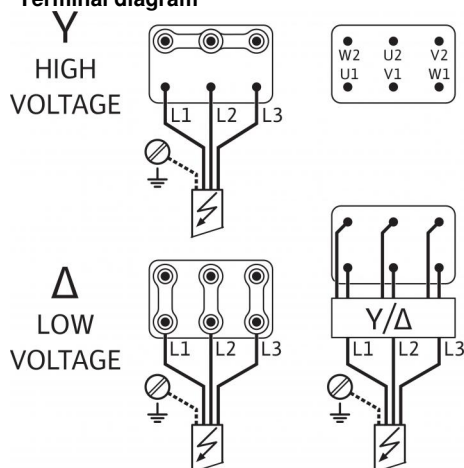
# Data sheet: Helix V 5204

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

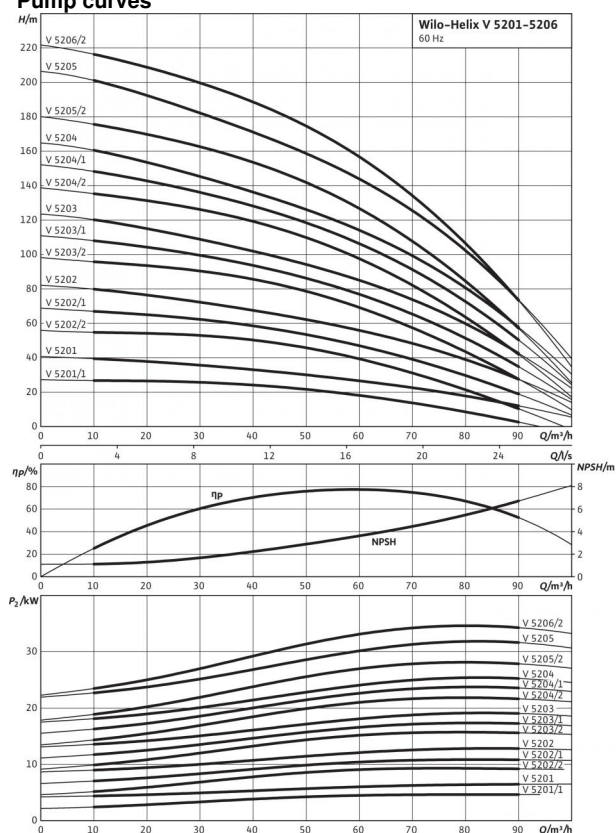
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5204
Art no.	4192603
Weight approx. $m$	277.0 kg

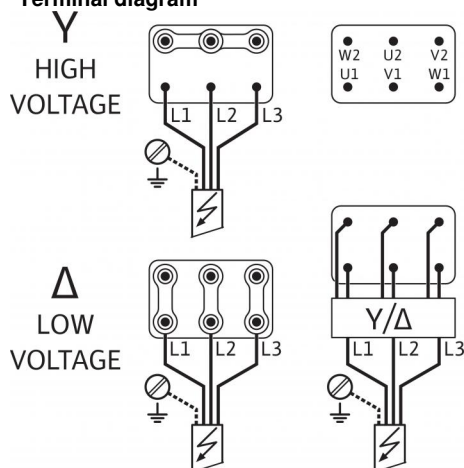
# Data sheet: Helix V 5204/1

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

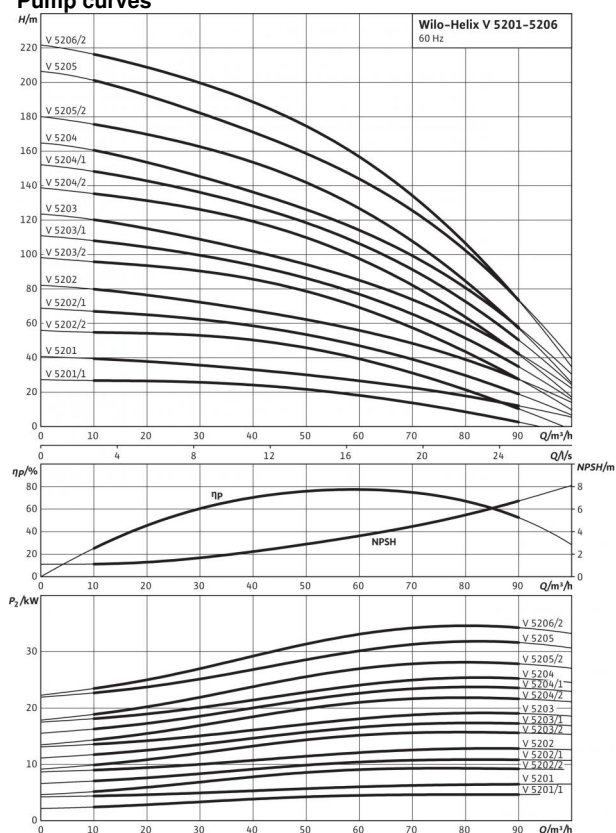
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5204/1
Art no.	4192602
Weight approx. $m$	277.0 kg

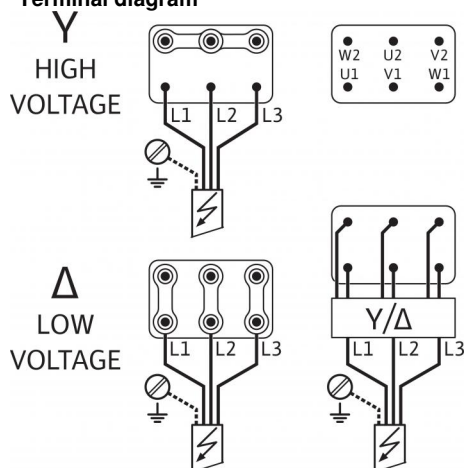
# Data sheet: Helix V 5204/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	22 kW
Power consumption $P_1$	23.9 kW
Nominal current 3~380 V, 60 Hz $I$	39.2 A
Nominal current 3~440 V, 60 Hz $I$	33.6 A
Nominal current 3~460 V, 60 Hz $I$	31.2 A
Motor efficiency $\eta_{m 50\%}$	89.0 %
Motor efficiency $\eta_{m 75\%}$	91.4 %
Motor efficiency $\eta_{m 100\%}$	91.7 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

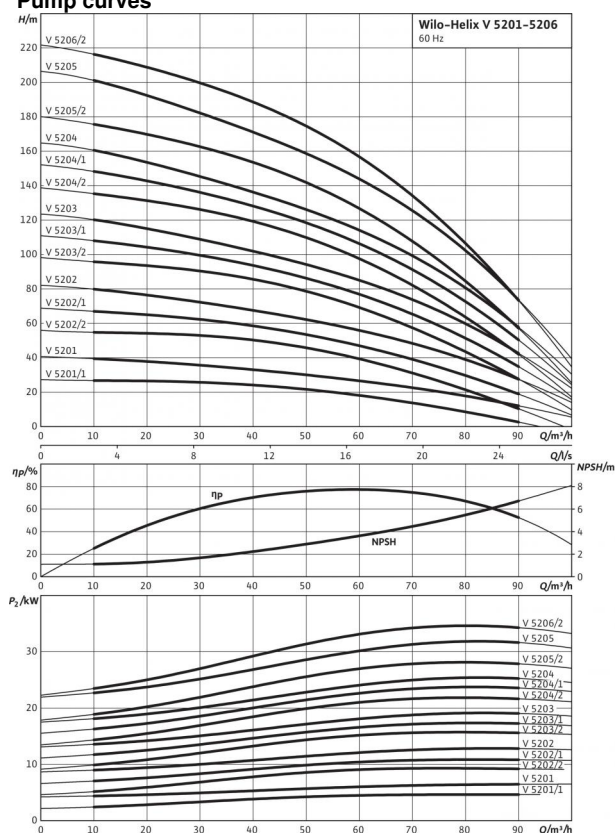
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5204/2
Art no.	4192601
Weight approx. $m$	203.0 kg

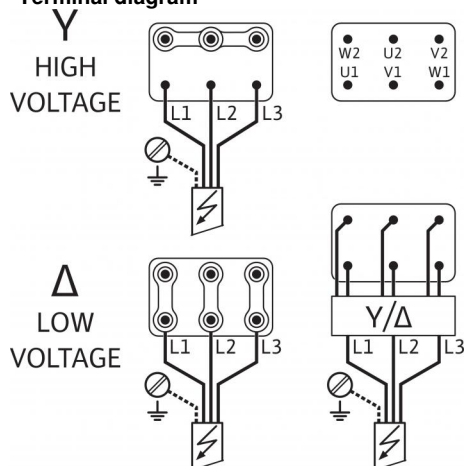
# Data sheet: Helix V 5205

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	37 kW
Power consumption $P_1$	39.96 kW
Nominal current 3~380 V, 60 Hz $I$	65.9 A
Nominal current 3~440 V, 60 Hz $I$	61.9 A
Nominal current 3~460 V, 60 Hz $I$	59.1 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	92.9 %
Motor efficiency $\eta_{m 100\%}$	93.0 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

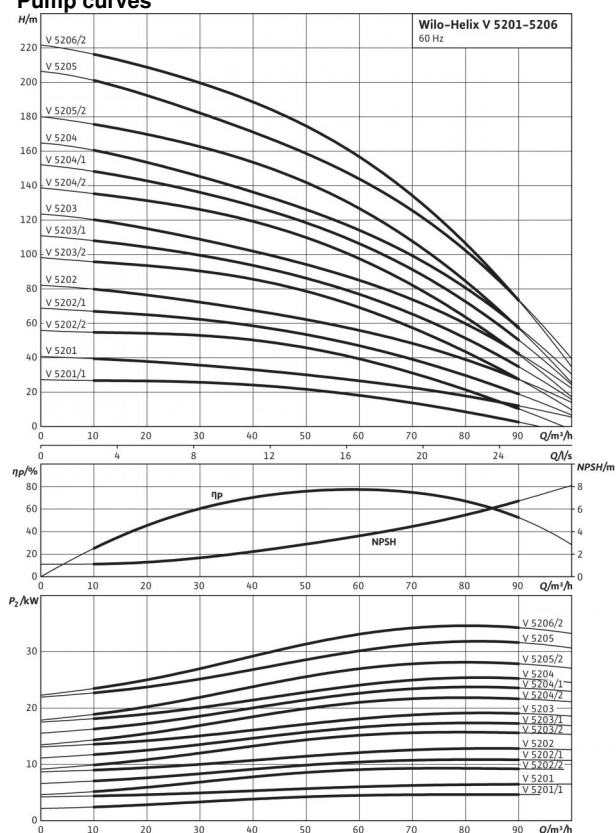
Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5205
Art no.	4192605
Weight approx. $m$	281.0 kg

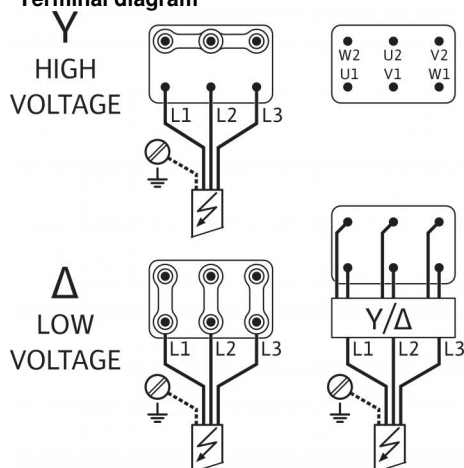
# Data sheet: Helix V 5205/2

## Pump curves



Pump curves in accordance with ISO 9906, class 2

## Terminal diagram



## Power

Max. ambient temperature $T$	40 °C
Maximum operating pressure $p_{max}$	25 bar

## Motor

Insulation class	F
Protection class	IP 55
Mains connection	3~460 V, 60 Hz
Rated power $P_2$	30 kW
Power consumption $P_1$	32.87 kW
Nominal current 3~380 V, 60 Hz $I$	54.1 A
Nominal current 3~440 V, 60 Hz $I$	50.8 A
Nominal current 3~460 V, 60 Hz $I$	48.9 A
Motor efficiency $\eta_{m 50\%}$	91.0 %
Motor efficiency $\eta_{m 75\%}$	91.7 %
Motor efficiency $\eta_{m 100\%}$	92.4 %

## Connections

Flange nominal diameter (on the pressure side)	DN 80
Flange nominal diameter (on the suction side)	DN 80

## Materials

Impeller	1.4307 [AISI304L]
Pump housing	EN-GJL-250 (cataphoretic-coated)
Pump shaft	1.4057 [AISI431]
Static seal	EPDM
Mechanical seal	U3BE3GG

## Information for order placements

Make	Wilo
Type	Helix V 5205/2
Art no.	4192604
Weight approx. $m$	281.0 kg