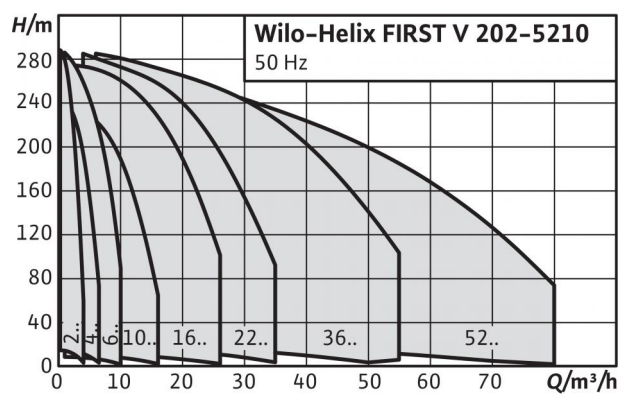


## Series description: Wilo-Helix FIRST V



Pump curves in accordance with ISO 9906: 2012 3B

Similar to figure



Design

## Series description: Wilo-Helix FIRST V

### Design

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

### Application

- Water supply and pressure boosting (depending on local regulations)
- Industrial circulation systems
- Process water
- Cooling water circulation systems
- Fire fighting systems
- Washing systems
- Irrigation

### Type key

Example:	<b>Helix FIRST V 3606/2-5/25/E/S/./400-50</b>
<b>Helix FIRST V</b>	Vertical high-pressure multistage centrifugal pump in in-line design
<b>36</b>	Flow rate in m <sup>3</sup> /h
<b>06</b>	Number of impellers
<b>2</b>	Number of trimmed impellers
<b>5</b>	Pump material
	5 = Pump housing EN-GJL-250 cataphoretic-coated
	Hydraulics 1.4307 (AISI 304L)
<b>25</b>	Maximum operating pressure in bar
	16 =
	Helix FIRST V 2.. to 16... 16 bar:
	Oval flange PN 16
	Helix FIRST V 22.. to 52... 16 bar:
	DIN round flange PN 16
	25 =
	Helix FIRST V 2.. to 16.. -5/25/E/S/... 16 bar:
	DIN round flange PN 25
	Helix FIRST V 2.. to 16.. -5/25/E/KS/... 25 bar:
	DIN round flange PN 25
	Helix FIRST V 22.. to 52... 25 bar:
	DIN round flange PN 25
	30 =
	Helix FIRST V 2.. to 52... 30 bar:
	DIN round flange PN 40
<b>E</b>	Seal type
	E = EPDM
<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>400</b>	Connection voltage in V
<b>50</b>	Frequency in Hz

### Equipment/function

- Corrosion-resistant impellers, diffusers and stage housings

### Materials

- Impellers, stage housings and guide vane apparatuses of stainless steel 1.4307 (AISI 304L)
- Pump housing made of EN-GJL-250 KTL coated (KTL coating with ACS, WRAS approval on request)
- Shaft made of stainless steel 1.4057 (AISI 304L)
- Sleeve under the mechanical seal 1.4404 (AISI 316L)
- O-Ring made of EPDM
- Jacket pipe made of stainless steel 1.4301 (AISI 304)

### Scope of delivery

- Helix FIRST V high-pressure multistage centrifugal pump
- Installation and operating instructions
- Helix FIRST 2 – 16 (version PN16 with oval flanges): Cast iron counter flanges with the corresponding screws, nuts and gaskets

### General notes - ErP (ecological design-) directive

The benchmark for most efficient water pumps is  $MEI \geq 0.70$ . The efficiency of a pump with a trimmed impeller is usually lower than that of a pump with the full impeller diameter. The trimming of the impeller will adapt the pump to a fixed duty point, leading to reduced energy consumption. The minimum efficiency index (MEI) is based on the full impeller diameter. The operation of this water pump with variable duty points may be more efficient and economic when controlled, for example, by the use of a variable speed drive that matches the pump duty to the system. Information on benchmark efficiency is available at [www.europump.org/efficiencycharts](http://www.europump.org/efficiencycharts). Pumps with power consumption  $> 150$  kW or a volume flow  $QBEP < 6$  m<sup>3</sup>/h are not subject to the Ecodesign Directive for water pumps. Therefore, no MEI value is shown.

### Special features/product advantages

- Efficiency-optimised, laser-welded, optimised 2D/3D hydraulics
- Corrosion-resistant impellers, guide vane apparatuses and stage housings
- Flow and degassing-optimised hydraulic parts
- Reinforced pump housing, flow and NPSH optimised
- Space-saving and easy maintenance thanks to compact design
- Particularly sturdy coupling guard

### Technical data

- Minimum Efficiency Index (MEI)  $\geq 0.7$
- Electrical connection: 3~400 V  $\pm 10$  %, 50 Hz
- Fluid temperature range: -20 to 120 °C
- Max. operating pressure: 16, 25 or 30 bar
- Protection class: IP 55
- Max. ambient temperature: -15 °C – +40 °C
- Helix FIRST V 2 – 16: PN 16 with oval flanges, PN 25/PN 30 with round flanges according to ISO 2531 and ISO 7005
- Helix FIRST V 22 – 52: PN 16 / PN 25 / PN 30 with round flanges according to ISO 2531 and ISO 7005

## Duty chart: Wilo-Helix FIRST V

Pump curves Minimum Efficiency Index (MEI):  $\geq 0.7$



Pump curves in accordance with ISO 9906: 2012 3B

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 202-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	24.0 kg	4201016
Helix FIRST V 202-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	29.0 kg	4201018
Helix FIRST V 203-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	25.0 kg	4201019
Helix FIRST V 203-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	30.0 kg	4201021
Helix FIRST V 204-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	25.0 kg	4201022
Helix FIRST V 204-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	30.0 kg	4201024
Helix FIRST V 205-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	30.0 kg	4201025
Helix FIRST V 205-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	35.0 kg	4201027
Helix FIRST V 206-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	30.0 kg	4201028
Helix FIRST V 206-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	35.0 kg	4201030
Helix FIRST V 207-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	31.0 kg	4201031
Helix FIRST V 207-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	36.0 kg	4201033
Helix FIRST V 208-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	37.0 kg	4201034
Helix FIRST V 208-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	43.0 kg	4201036
Helix FIRST V 209-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	37.0 kg	4201037
Helix FIRST V 209-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	43.0 kg	4201039
Helix FIRST V 210-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	38.0 kg	4201040
Helix FIRST V 210-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	44.0 kg	4201042
Helix FIRST V 211-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	40.0 kg	4201043
Helix FIRST V 211-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	46.0 kg	4201045
Helix FIRST V 212-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	43.0 kg	4201046
Helix FIRST V 212-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	49.0 kg	4201048
Helix FIRST V 213-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	44.0 kg	4201049

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 213-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	50.0 kg	4201051
Helix FIRST V 214-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	44.0 kg	4201052
Helix FIRST V 214-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	50.0 kg	4201054
Helix FIRST V 216-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	47.0 kg	4201055
Helix FIRST V 216-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	55.0 kg	4201057
Helix FIRST V 218-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	1.5 kW	59.0 kg	4201058
Helix FIRST V 220-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	2.2 kW	75.0 kg	4201060
Helix FIRST V 222-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	2.2 kW	77.0 kg	4201062
Helix FIRST V 224-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	2.2 kW	78.0 kg	4201064
Helix FIRST V 226-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	2.2 kW	79.0 kg	4201066
Helix FIRST V 229-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	2.2 kW	86.0 kg	4201068
Helix FIRST V 231-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	3 kW	89.0 kg	4201069
Helix FIRST V 233-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	3 kW	90.0 kg	4201070
Helix FIRST V 236-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	3 kW	120.0 kg	4201071
Helix FIRST V 239-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	3 kW	121.0 kg	4201072
Helix FIRST V 402-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	24.0 kg	4201073
Helix FIRST V 402-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	29.0 kg	4201075
Helix FIRST V 403-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	24.0 kg	4201076
Helix FIRST V 403-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	30.0 kg	4201078
Helix FIRST V 404-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	26.0 kg	4201079
Helix FIRST V 404-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	31.0 kg	4201081
Helix FIRST V 405-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	34.0 kg	4201082
Helix FIRST V 405-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	39.0 kg	4201084

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 406-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	35.0 kg	4201085
Helix FIRST V 406-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	40.0 kg	4201087
Helix FIRST V 407-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	37.0 kg	4201088
Helix FIRST V 407-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	42.0 kg	4201090
Helix FIRST V 408-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	37.0 kg	4201091
Helix FIRST V 408-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	44.0 kg	4201093
Helix FIRST V 409-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	38.0 kg	4201094
Helix FIRST V 409-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	44.0 kg	4201096
Helix FIRST V 410-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	41.0 kg	4201097
Helix FIRST V 410-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	49.0 kg	4201099
Helix FIRST V 411-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	41.0 kg	4201100
Helix FIRST V 411-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	49.0 kg	4201102
Helix FIRST V 412-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	44.0 kg	4201103
Helix FIRST V 412-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	52.0 kg	4201105
Helix FIRST V 413-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	47.0 kg	4201106
Helix FIRST V 413-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	55.0 kg	4201108
Helix FIRST V 414-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	47.0 kg	4201109
Helix FIRST V 414-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	55.0 kg	4201111
Helix FIRST V 416-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	48.0 kg	4201112
Helix FIRST V 416-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	56.0 kg	4201114
Helix FIRST V 418-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	2.2 kW	60.0 kg	4201115
Helix FIRST V 420-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	3 kW	84.0 kg	4201117
Helix FIRST V 422-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	3 kW	85.0 kg	4201118

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 424-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	3 kW	86.0 kg	4201119
Helix FIRST V 426-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	4 kW	81.0 kg	4201120
Helix FIRST V 429-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	4 kW	85.0 kg	4201121
Helix FIRST V 431-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	4 kW	86.0 kg	4201122
Helix FIRST V 601-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	24.0 kg	4201123
Helix FIRST V 601-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.37 kW	30.0 kg	4201124
Helix FIRST V 602-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	26.0 kg	4201125
Helix FIRST V 602-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	32.0 kg	4201127
Helix FIRST V 603-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	27.0 kg	4201128
Helix FIRST V 603-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	35.0 kg	4201130
Helix FIRST V 604-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	33.0 kg	4201131
Helix FIRST V 604-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	37.0 kg	4201132
Helix FIRST V 605-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	38.0 kg	4201134
Helix FIRST V 605-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	43.0 kg	4201136
Helix FIRST V 606-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	39.0 kg	4201137
Helix FIRST V 606-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	44.0 kg	4201139
Helix FIRST V 607-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	42.0 kg	4201140
Helix FIRST V 607-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	52.0 kg	4201142
Helix FIRST V 608-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	45.0 kg	4201143
Helix FIRST V 608-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	53.0 kg	4201145
Helix FIRST V 609-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	48.0 kg	4201146
Helix FIRST V 609-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	56.0 kg	4201148
Helix FIRST V 610-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	48.0 kg	4201149

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 610-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	56.0 kg	4201151
Helix FIRST V 611-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	50.0 kg	4201152
Helix FIRST V 611-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	71.0 kg	4201154
Helix FIRST V 612-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	73.0 kg	4201155
Helix FIRST V 612-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	82.0 kg	4201157
Helix FIRST V 613-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	74.0 kg	4201158
Helix FIRST V 613-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	83.0 kg	4201159
Helix FIRST V 614-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	74.0 kg	4201160
Helix FIRST V 614-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	83.0 kg	4201162
Helix FIRST V 615-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	3 kW	88.0 kg	4201163
Helix FIRST V 616-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	4 kW	85.0 kg	4201164
Helix FIRST V 618-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	4 kW	87.0 kg	4201167
Helix FIRST V 620-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	4 kW	116.0 kg	4201169
Helix FIRST V 621-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	5.5 kW	130.0 kg	4201170
Helix FIRST V 623-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	5.5 kW	131.0 kg	4201172
Helix FIRST V 625-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	5.5 kW	130.0 kg	4201174
Helix FIRST V 628-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	5.5 kW	133.0 kg	4201175
Helix FIRST V 630-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	7.5 kW	137.0 kg	4201176
Helix FIRST V 633-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	7.5 kW	140.0 kg	4201177
Helix FIRST V 1001-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	28.0 kg	4200934
Helix FIRST V 1001-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.55 kW	37.0 kg	4200935
Helix FIRST V 1002-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	34.0 kg	4200936
Helix FIRST V 1002-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	42.0 kg	4200938



## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 1003-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	39.0 kg	4200939
Helix FIRST V 1003-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.1 kW	47.0 kg	4200941
Helix FIRST V 1004-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	43.0 kg	4200942
Helix FIRST V 1004-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	53.0 kg	4200944
Helix FIRST V 1005-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	45.0 kg	4200945
Helix FIRST V 1005-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	55.0 kg	4200947
Helix FIRST V 1006-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	46.0 kg	4200948
Helix FIRST V 1006-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	56.0 kg	4200950
Helix FIRST V 1007-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	56.0 kg	4200951
Helix FIRST V 1007-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	67.0 kg	4200953
Helix FIRST V 1008-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	57.0 kg	4200954
Helix FIRST V 1008-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	68.0 kg	4200956
Helix FIRST V 1009-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	68.0 kg	4200957
Helix FIRST V 1009-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	79.0 kg	4200959
Helix FIRST V 1010-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	72.0 kg	4200960
Helix FIRST V 1010-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	83.0 kg	4200962
Helix FIRST V 1011-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	73.0 kg	4200963
Helix FIRST V 1011-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	84.0 kg	4200965
Helix FIRST V 1012-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	86.0 kg	4200966
Helix FIRST V 1012-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	97.0 kg	4200968
Helix FIRST V 1013-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	5.5 kW	101.0 kg	4200969
Helix FIRST V 1015-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	5.5 kW	103.0 kg	4200972
Helix FIRST V 1017-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	7.5 kW	133.0 kg	4200974

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 1019-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	7.5 kW	135.0 kg	4200975
Helix FIRST V 1021-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	7.5 kW	138.0 kg	4200976
Helix FIRST V 1023-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	9 kW	190.0 kg	4200977
Helix FIRST V 1601-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	39.0 kg	4200978
Helix FIRST V 1601-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	0.75 kW	49.0 kg	4200979
Helix FIRST V 1602-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	43.0 kg	4200980
Helix FIRST V 1602-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	55.0 kg	4200982
Helix FIRST V 1603-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	45.0 kg	4200983
Helix FIRST V 1603-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	55.0 kg	4200985
Helix FIRST V 1604-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	56.0 kg	4200986
Helix FIRST V 1604-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	68.0 kg	4200988
Helix FIRST V 1605-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	57.0 kg	4200990
Helix FIRST V 1605-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	69.0 kg	4200991
Helix FIRST V 1606-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	68.0 kg	4200993
Helix FIRST V 1606-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	80.0 kg	4200994
Helix FIRST V 1607-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	82.0 kg	4200996
Helix FIRST V 1607-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	94.0 kg	4200997
Helix FIRST V 1608-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	86.0 kg	4200999
Helix FIRST V 1608-5/25/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	98.0 kg	4201000
Helix FIRST V 1609-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	7.5 kW	103.0 kg	4201001
Helix FIRST V 1610-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	7.5 kW	105.0 kg	4201003
Helix FIRST V 1611-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	7.5 kW	106.0 kg	4201005
Helix FIRST V 1612-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	9 kW	184.0 kg	4201007

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 1613-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	9 kW	187.0 kg	4201009
Helix FIRST V 1616-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	11 kW	200.0 kg	4201013
Helix FIRST V 1618-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	15 kW	243.0 kg	4201014
Helix FIRST V 1621-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	15 kW	246.0 kg	4201015
Helix FIRST V 2201-5/16/E/KS/	3~400 V, 50 Hz	PN 16 bar	1.5 kW	74.0 kg	4200576
Helix FIRST V 2202-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	81.0 kg	4183356
Helix FIRST V 2203-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	85.0 kg	4183357
Helix FIRST V 2204-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	101.0 kg	4183358
Helix FIRST V 2205-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	7.5 kW	110.0 kg	4183359
Helix FIRST V 2206-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	7.5 kW	111.0 kg	4183360
Helix FIRST V 2207-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	9 kW	131.0 kg	4183361
Helix FIRST V 2208-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	11 kW	166.0 kg	4183362
Helix FIRST V 2209-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	11 kW	160.0 kg	4200577
Helix FIRST V 2210-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	235.0 kg	4200578
Helix FIRST V 2211-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	237.0 kg	4200579
Helix FIRST V 2212-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	239.0 kg	4200580
Helix FIRST V 2213-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	18.5 kW	252.0 kg	4200581
Helix FIRST V 2214-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	18.5 kW	256.0 kg	4200634
Helix FIRST V 2215-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	18.5 kW	259.0 kg	4200635
Helix FIRST V 2216-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	22 kW	262.0 kg	4200636
Helix FIRST V 3601/1-5/16/E/KS/	3~400 V, 50 Hz	PN 16 bar	2.2 kW	83.0 kg	4200588
Helix FIRST V 3601-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	85.0 kg	4183384
Helix FIRST V 3602/1-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	99.0 kg	4183386

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 3602/2-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	90.0 kg	4183385
Helix FIRST V 3602-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	99.0 kg	4183387
Helix FIRST V 3603/1-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	7.5 kW	114.0 kg	4183389
Helix FIRST V 3603/2-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	7.5 kW	113.0 kg	4183388
Helix FIRST V 3603-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	9 kW	128.0 kg	4183390
Helix FIRST V 3604/2-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	11 kW	165.0 kg	4183391
Helix FIRST V 3604-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	11 kW	165.0 kg	4183392
Helix FIRST V 3605/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	220.0 kg	4200589
Helix FIRST V 3605-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	220.0 kg	4200590
Helix FIRST V 3606/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	252.0 kg	4200591
Helix FIRST V 3606-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	18.5 kW	256.0 kg	4200592
Helix FIRST V 3607/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	18.5 kW	259.0 kg	4200593
Helix FIRST V 3607-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	22 kW	258.0 kg	4200594
Helix FIRST V 3608/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	22 kW	261.0 kg	4200595
Helix FIRST V 3608-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	22 kW	261.0 kg	4200596
Helix FIRST V 3609/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	335.0 kg	4200597
Helix FIRST V 3609-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	335.0 kg	4200598
Helix FIRST V 3610/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	338.0 kg	4200599
Helix FIRST V 3610-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	30 kW	340.0 kg	4200637
Helix FIRST V 3611/2-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	30 kW	344.0 kg	4200638
Helix FIRST V 3611-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	37 kW	345.0 kg	4200639
Helix FIRST V 5201/1-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	3 kW	95.0 kg	4183422
Helix FIRST V 5201-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	4 kW	97.0 kg	4183423

## Product list: Wilo-Helix FIRST V

Designation	Mains connection	Rated pressure	Rated power $P_2$	Gross weight $m$	Art no.
Helix FIRST V 5202/2-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	5.5 kW	115.0 kg	4183424
Helix FIRST V 5202-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	7.5 kW	122.0 kg	4183425
Helix FIRST V 5203/2-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	11 kW	177.0 kg	4183426
Helix FIRST V 5203-5/16/E/S/	3~400 V, 50 Hz	PN 16 bar	11 kW	177.0 kg	4183427
Helix FIRST V 5204/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	260.0 kg	4200612
Helix FIRST V 5204-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	15 kW	260.0 kg	4200613
Helix FIRST V 5205/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	18.5 kW	271.0 kg	4200614
Helix FIRST V 5205-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	18.5 kW	271.0 kg	4200615
Helix FIRST V 5206/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	22 kW	271.0 kg	4200616
Helix FIRST V 5206-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	22 kW	271.0 kg	4200617
Helix FIRST V 5207/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	347.0 kg	4200618
Helix FIRST V 5207-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	347.0 kg	4200619
Helix FIRST V 5208/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	351.0 kg	4200620
Helix FIRST V 5208-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	30 kW	351.0 kg	4200621
Helix FIRST V 5209/2-5/25/E/KS/	3~400 V, 50 Hz	PN 25 bar	37 kW	357.0 kg	4200622
Helix FIRST V 5209-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	37 kW	359.0 kg	4200640
Helix FIRST V 5210/2-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	37 kW	365.0 kg	4200641
Helix FIRST V 5210-5/30/E/KS/	3~400 V, 50 Hz	PN 30 bar	37 kW	365.0 kg	4200642