

Series description: Wilo-HiMulti 3



Similar to figure

Design

Multistage centrifugal pump in non-self-priming version (HiMulti 3) or self-priming version (HiMulti 3 P)

Application

- Water supply (drinking water approval in accordance with ACS and KTW / in S1-version also in accordance with WRAS)
- Sprinkling
- Irrigation and spraying
- Rainwater utilisation

Type key

Example:

HiMulti

3

2

4

P

1/5/230

S1

HiMulti 3-24 P/1/5/230

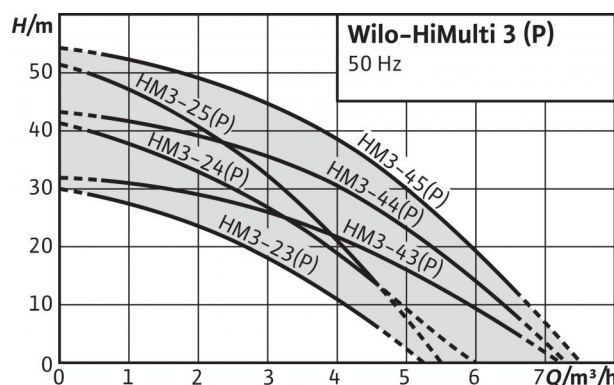
Multistage, horizontal centrifugal pump for domestic water supply (HI = Home Intelligence)
Product level (1 for starter level... 5 for premium level)
Nominal volume flow in m³/h
Number of impellers
P = for self-priming version (no specification = non-self-priming version)
Single-phase current 1~230 V, 50 Hz
S1 (option) = type mechanical seal for WRAS approval (no specification = for KTW - and ACS approval)

Special features/product advantages

- Simple: Wilo-Connector (electrical quick-connector), on/off switch, filling and emptying devices, larger base fastening
- Efficient: Highly efficient hydraulics, low electricity consumption and very compact thanks to motor optimisation
- Economical: smaller motor for optimum fulfilment of requirements
- Low noise (noise level between 56 dBA and 64 dBA)
- Version as domestic pump (pump for domestic water supply) with new pump design

Technical data

- Mains connection: 1~230 V, 50 Hz
- Perm. fluid temperature: 0 °C to +40 °C (+55 °C for 10 min)
- Perm. ambient temperature: -15 °C to +40 °C
- Permissible storage temperature: -30 °C to +60 °C
- Max. permissible operating pressure: 8 bar
- Max. permissible inlet pressure: 3 bar
- Protection class: IP X4
- Suction side connection: Rp1
- Connection on pressure side: Rp1



Equipment/function

- Directly flanged motor
- Thermal motor protection switch for version 1~230 V

Materials

- Pump housing in Technopolymer with ACS, WRAS and KTW drinking certifications
- Impellers and stage casing made of Noryl 30% GF with drinking water certification in accordance with ACS, WRAS and KTW
- Pump cover and shaft made of stainless steel
- Mechanical seal made of ceramic/carbon

Scope of delivery

- Pump
- Two plastic connectors with gaskets for manual connection to the pipes
- Wilo-Connector (electrical quick connector)
- Installation and operating instructions

Options

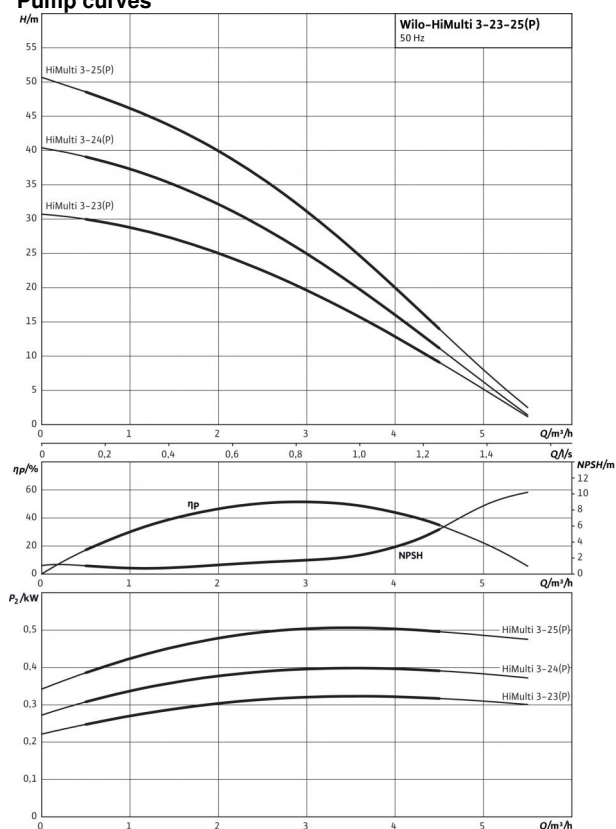
- S1 execution with drinking water certification in accordance with WRAS

Product list: Wilo-HiMulti 3

Type	Mains connection	Weight approx. <i>m</i>	Art no.
HiMulti 3-23	1~ V, 50 Hz	8 kg	4197375
HiMulti 3-23	1~ V, 50 Hz	8 kg	4189516
HiMulti 3-23 P	1~ V, 50 Hz	8 kg	4197369
HiMulti 3-23 P	1~230 V, 50 Hz	8 kg	4194279
HiMulti 3-24	1~ V, 50 Hz	8.5 kg	4197376
HiMulti 3-24	1~ V, 50 Hz	8.5 kg	4189518
HiMulti 3-24 P	1~ V, 50 Hz	8.5 kg	4194280
HiMulti 3-24 P	1~ V, 50 Hz	8.5 kg	4197370
HiMulti 3-25	1~ V, 50 Hz	9 kg	4189520
HiMulti 3-25	1~ V, 50 Hz	9 kg	4197377
HiMulti 3-25 P	1~ V, 50 Hz	9 kg	4197371
HiMulti 3-25 P	1~ V, 50 Hz	9 kg	4194281
HiMulti 3-43	1~ V, 50 Hz	8 kg	4197378
HiMulti 3-43	1~ V, 50 Hz	8 kg	4189522
HiMulti 3-43 P	1~ V, 50 Hz	8 kg	4197372
HiMulti 3-43 P	1~ V, 50 Hz	8 kg	4194282
HiMulti 3-44	1~ V, 50 Hz	9 kg	4197379
HiMulti 3-44	1~ V, 50 Hz	9 kg	4189524
HiMulti 3-44 P	1~ V, 50 Hz	9 kg	4194283
HiMulti 3-44 P	1~ V, 50 Hz	9 kg	4197373
HiMulti 3-45	1~ V, 50 Hz	11 kg	4189526
HiMulti 3-45	1~ V, 50 Hz	11 kg	4197380
HiMulti 3-45 P	1~ V, 50 Hz	11 kg	4194284
HiMulti 3-45 P	1~ V, 50 Hz	11 kg	4197374

Data sheet: HiMulti 3 3-23

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

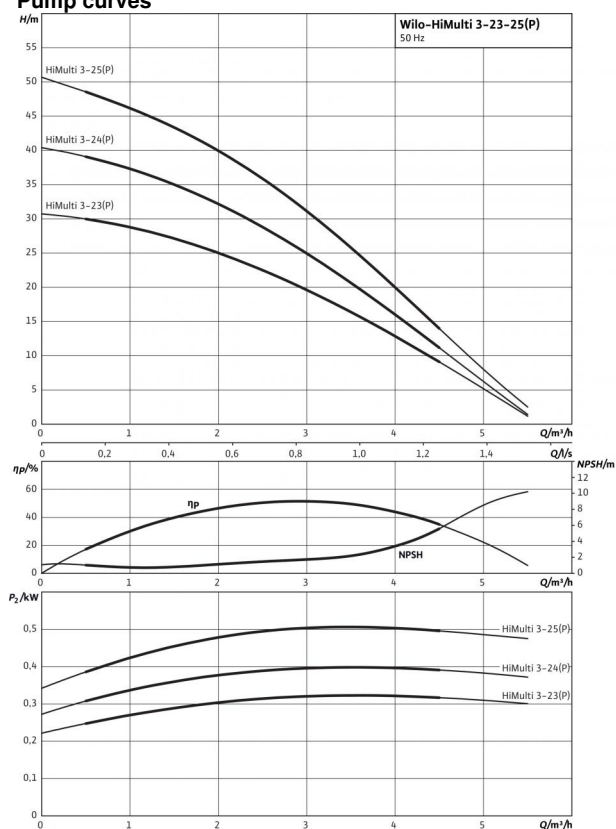
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-23
Art no.	4197375
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-23

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

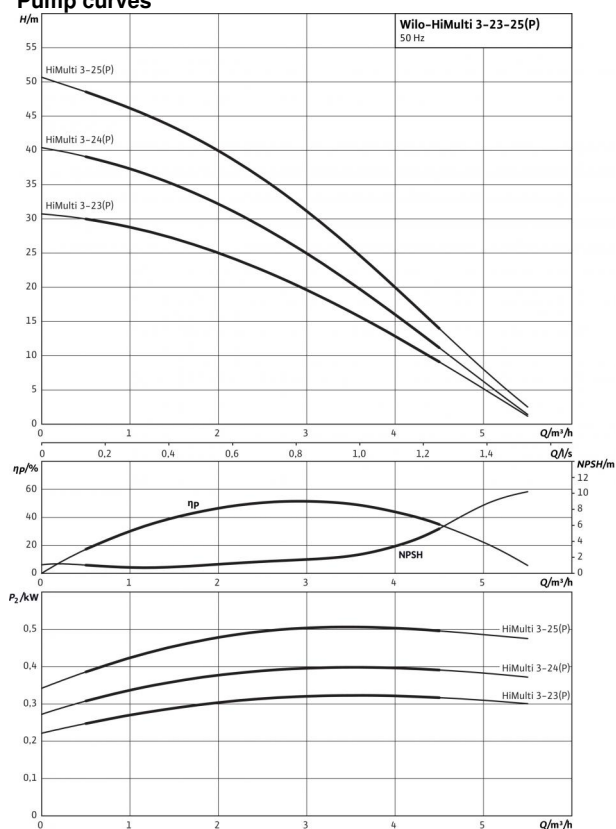
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-23
Art no.	4189516
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-23 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

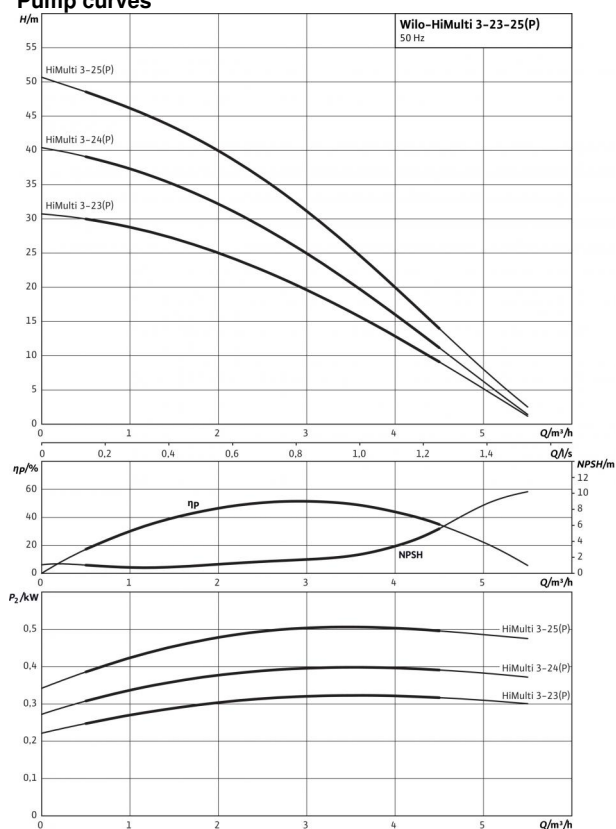
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-23 P
Art no.	4197369
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-23 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~230 V, 50 Hz

Materials

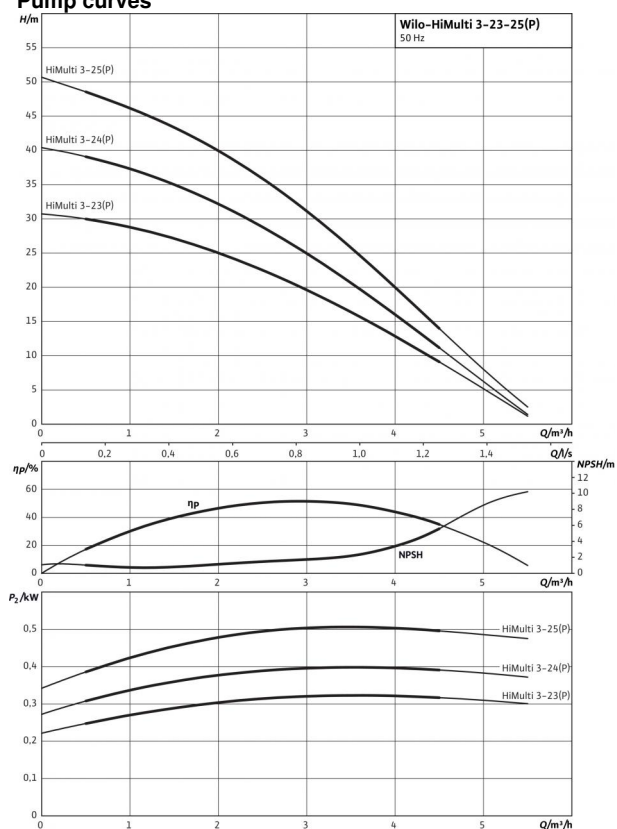
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-23 P
Art no.	4194279
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-24

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

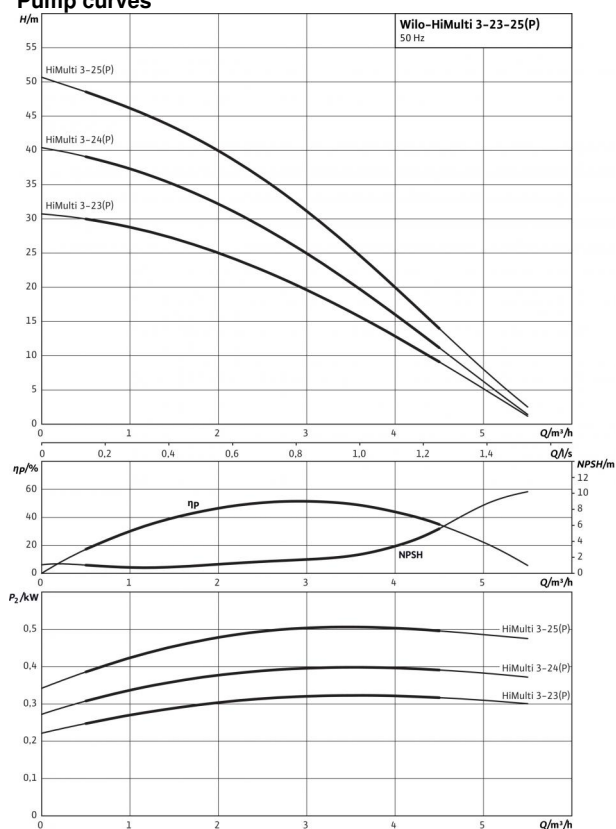
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-24
Art no.	4197376
Weight approx. m	8.5 kg

Data sheet: HiMulti 3 3-24

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

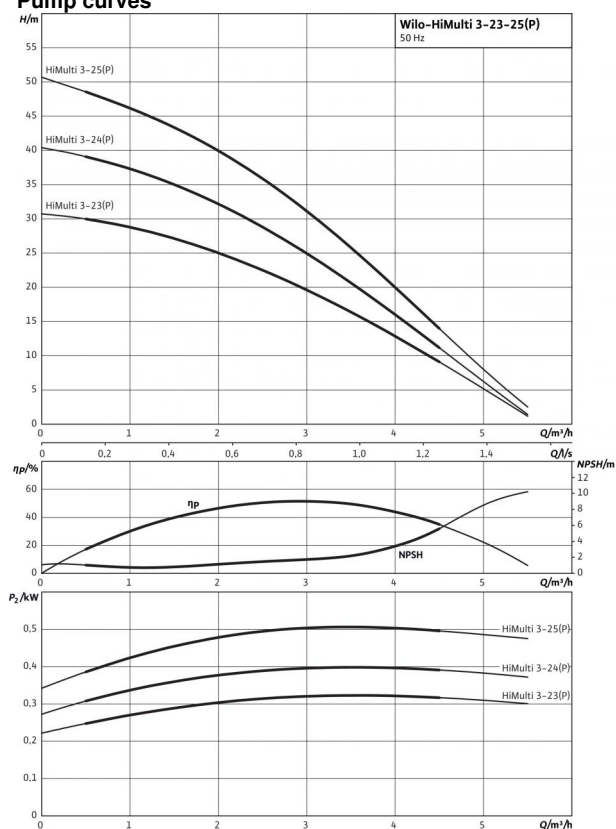
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-24
Art no.	4189518
Weight approx. m	8.5 kg

Data sheet: HiMulti 3 3-24 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

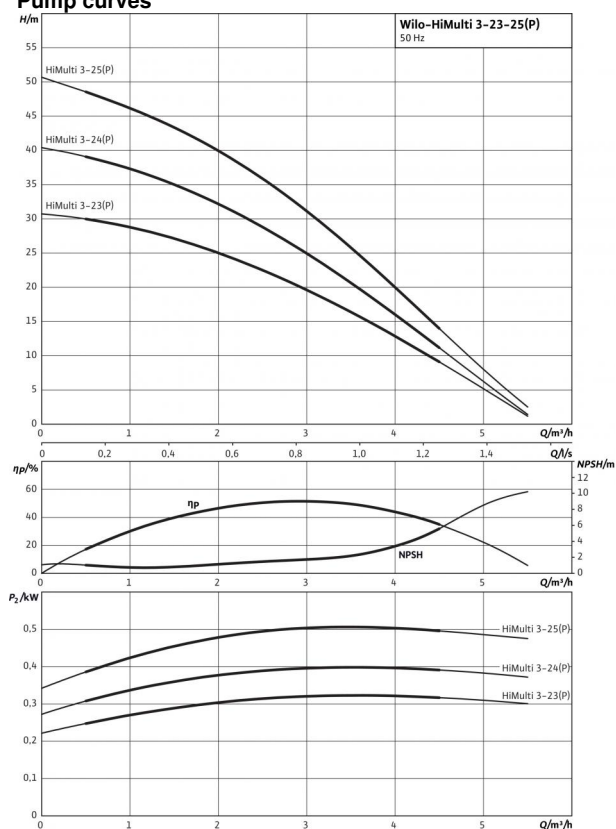
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-24 P
Art no.	4194280
Weight approx. m	8.5 kg

Data sheet: HiMulti 3 3-24 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

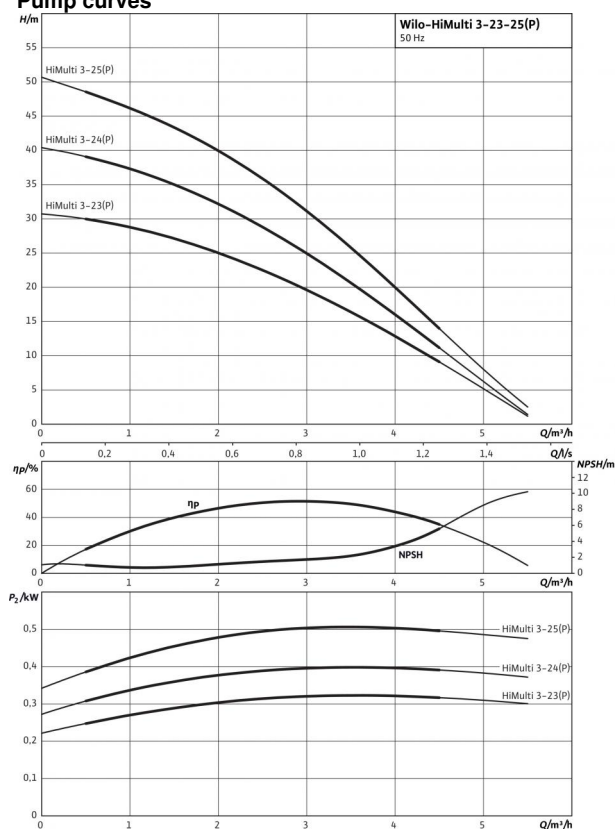
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-24 P
Art no.	4197370
Weight approx. m	8.5 kg

Data sheet: HiMulti 3 3-25

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.73 kW
Mains connection	1~ V, 50 Hz

Materials

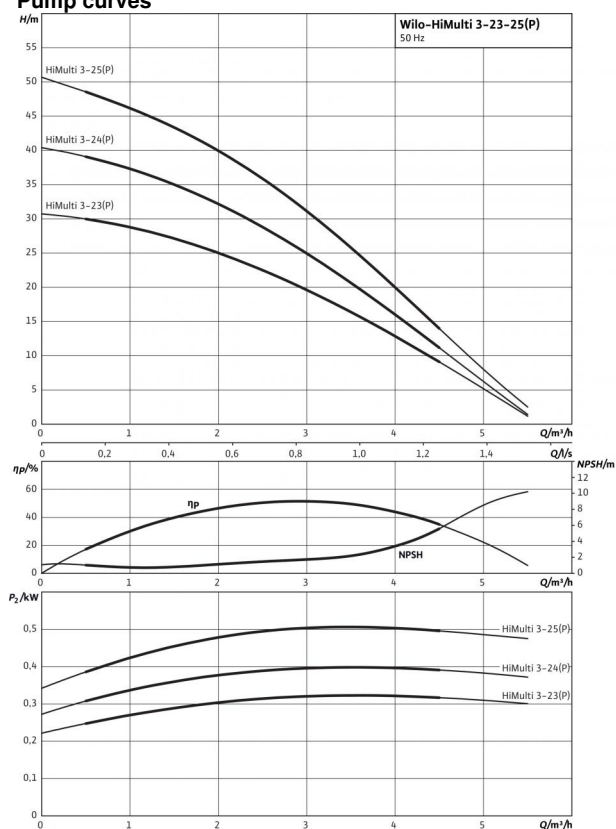
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-25
Art no.	4189520
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-25

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.73 kW
Mains connection	1~ V, 50 Hz

Materials

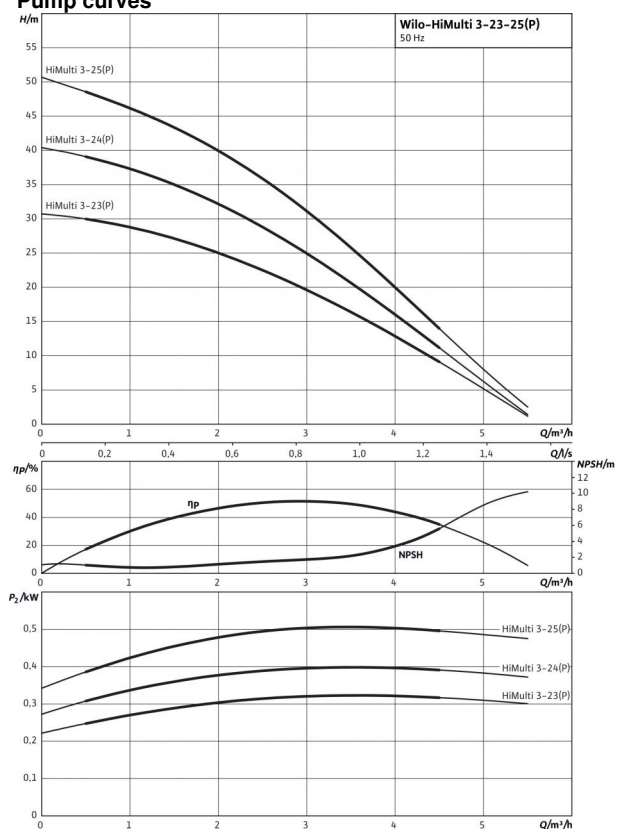
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-25
Art no.	4197377
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-25 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.73 kW
Mains connection	1~ V, 50 Hz

Materials

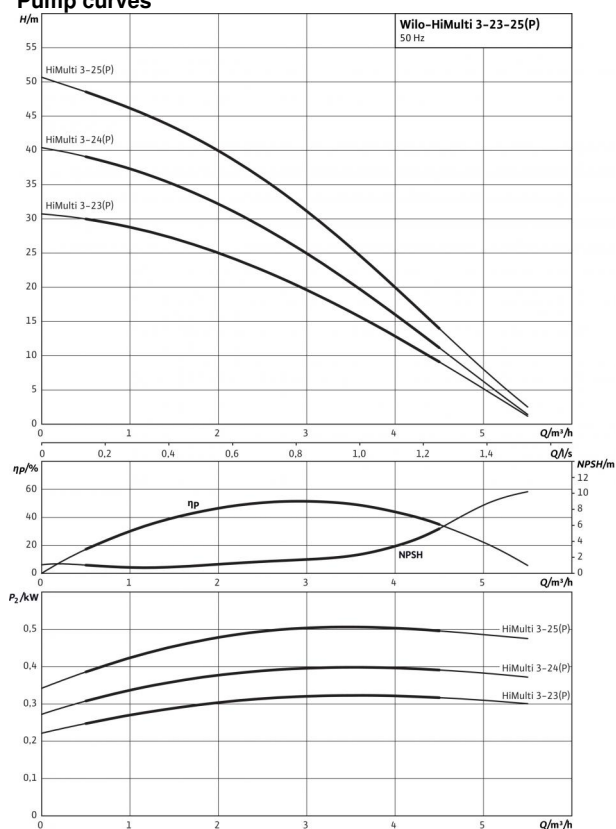
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-25 P
Art no.	4197371
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-25 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.73 kW
Mains connection	1~ V, 50 Hz

Materials

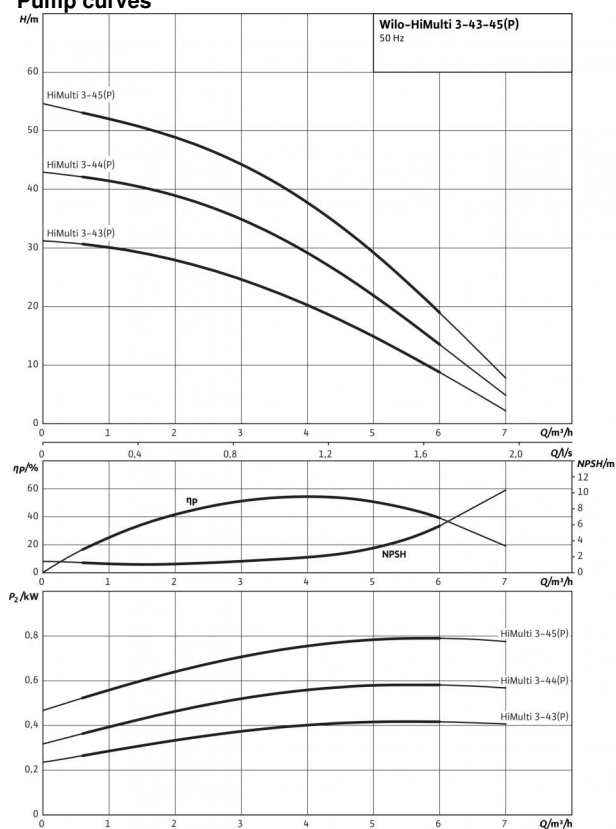
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-25 P
Art no.	4194281
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-43

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

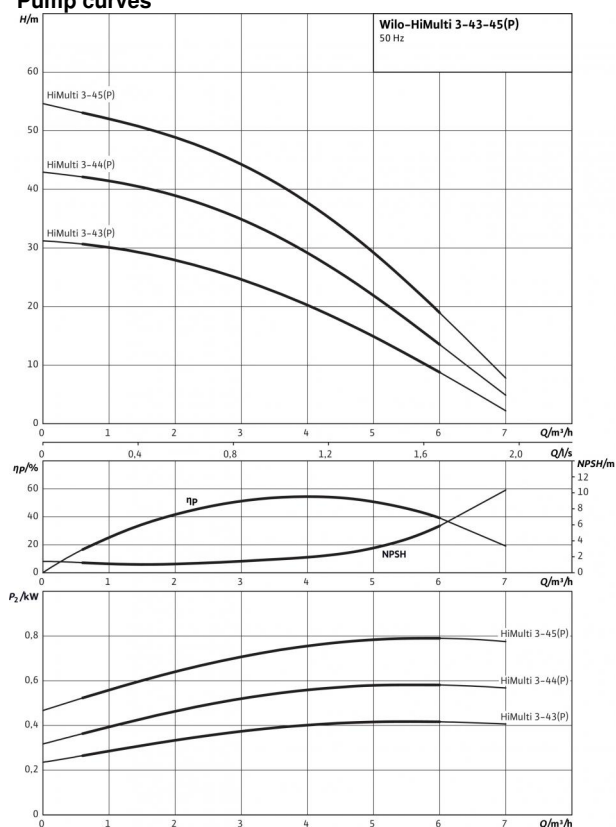
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-43
Art no.	4197378
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-43

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

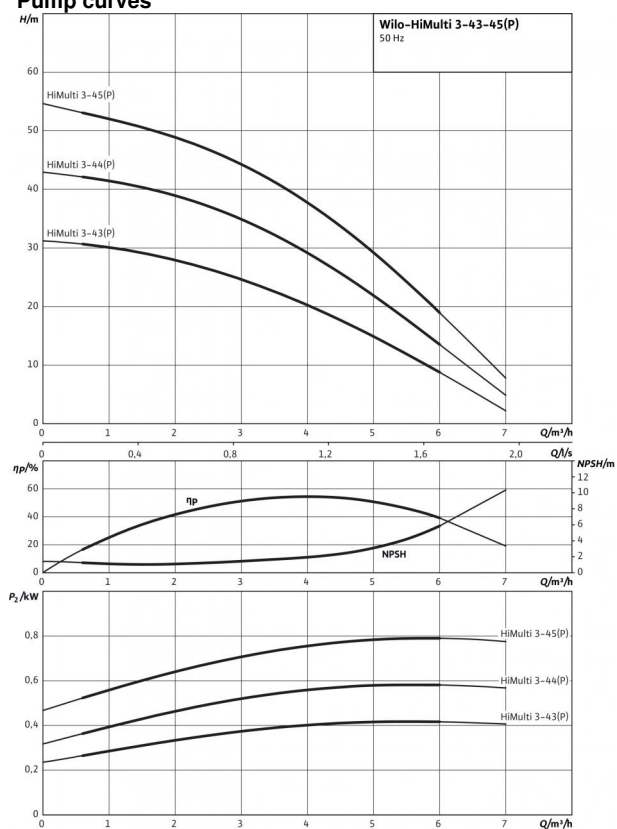
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-43
Art no.	4189522
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-43 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

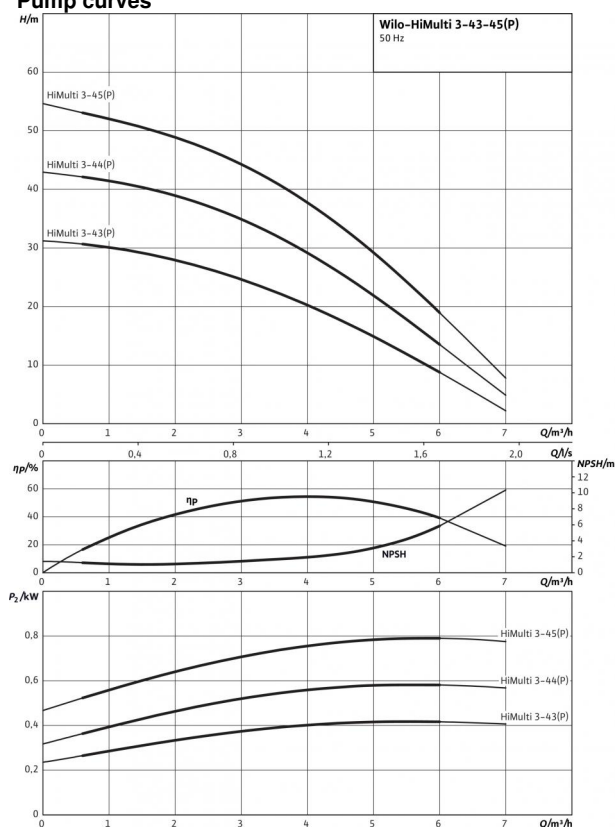
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-43 P
Art no.	4197372
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-43 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.64 kW
Mains connection	1~ V, 50 Hz

Materials

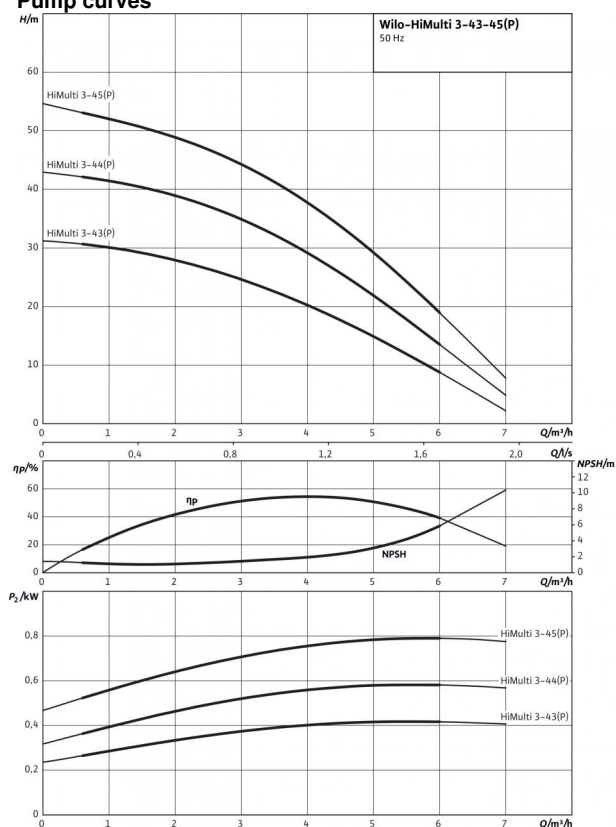
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-43 P
Art no.	4194282
Weight approx. m	8 kg

Data sheet: HiMulti 3 3-44

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.84 kW
Mains connection	1~ V, 50 Hz

Materials

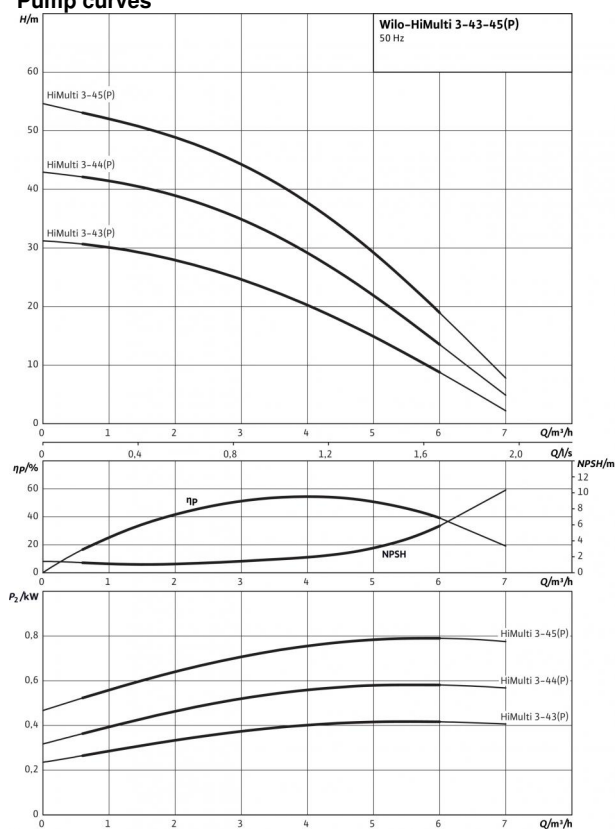
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-44
Art no.	4197379
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-44

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.84 kW
Mains connection	1~ V, 50 Hz

Materials

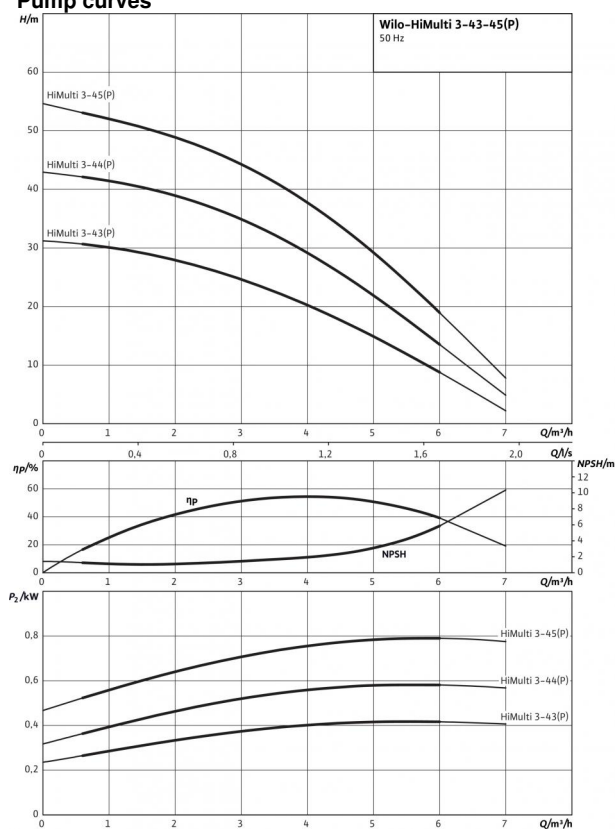
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-44
Art no.	4189524
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-44 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.84 kW
Mains connection	1~ V, 50 Hz

Materials

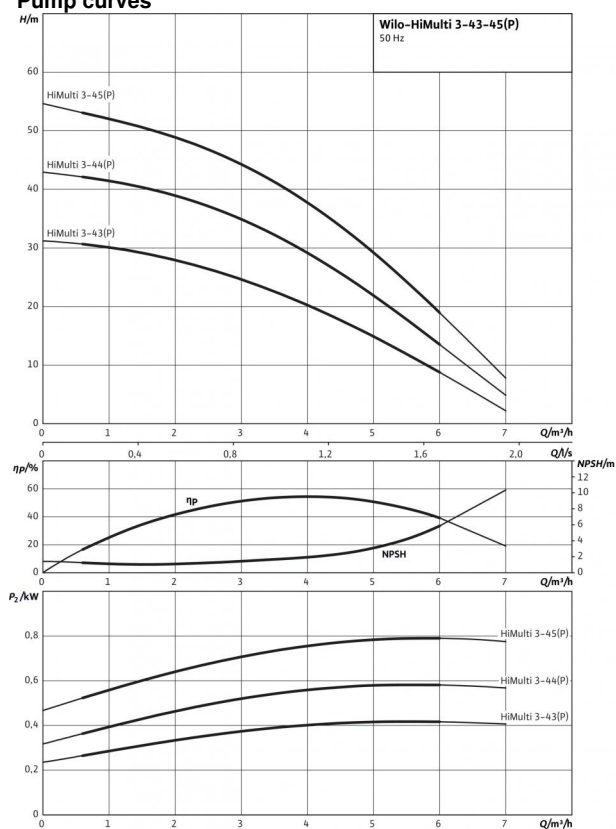
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-44 P
Art no.	4194283
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-44 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	0.84 kW
Mains connection	1~ V, 50 Hz

Materials

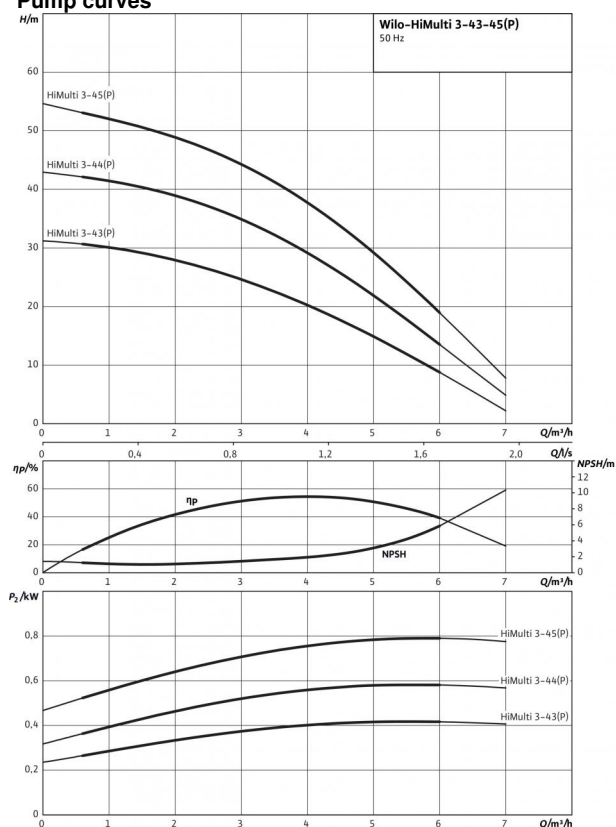
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-44 P
Art no.	4197373
Weight approx. m	9 kg

Data sheet: HiMulti 3 3-45

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	1.06 kW
Mains connection	1~ V, 50 Hz

Materials

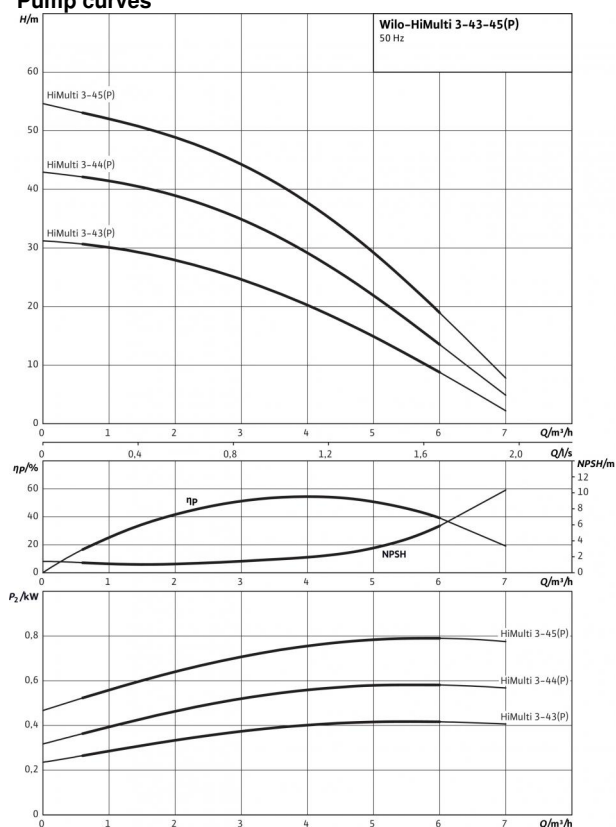
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-45
Art no.	4189526
Weight approx. m	11 kg

Data sheet: HiMulti 3 3-45

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	1.06 kW
Mains connection	1~ V, 50 Hz

Materials

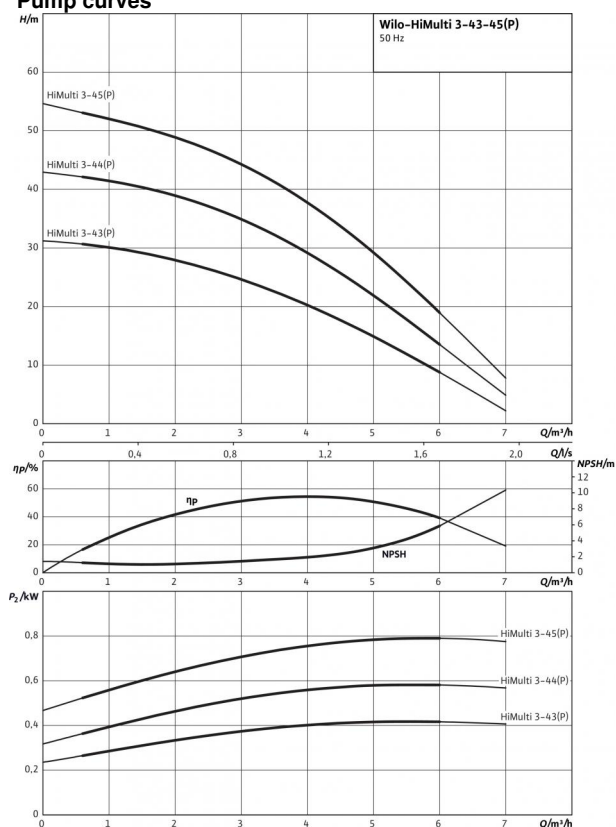
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-45
Art no.	4197380
Weight approx. m	11 kg

Data sheet: HiMulti 3 3-45 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	1.06 kW
Mains connection	1~ V, 50 Hz

Materials

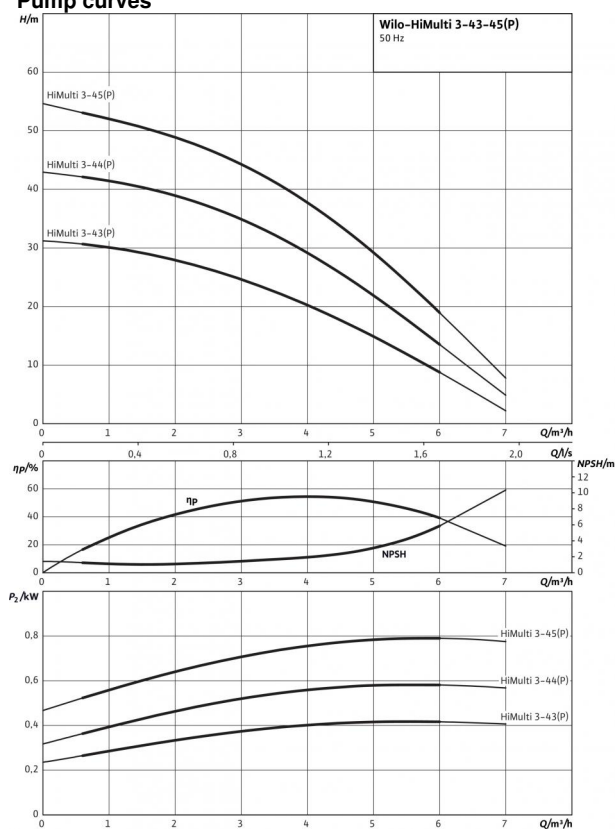
Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/NITRILE
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-45 P
Art no.	4194284
Weight approx. m	11 kg

Data sheet: HiMulti 3 3-45 P

Pump curves



Output

Inlet pressure max. H	3 bar
Fluid temperature T	+5...+35 °C
Max. ambient temperature T	40 °C
Rated speed n	2,900 rpm

Motor/electronics

Protection class	X4
Insulation class	F
Screwed cable connection	1x11 PG
Power consumption P_1	1.06 kW
Mains connection	1~ V, 50 Hz

Materials

Pump shaft	1.4021 [AISI420]
Mechanical seal	Resin-impregnated carbon/aluminium oxide/EDPM
Stage chambers	Noryl
Seal	EPDM

Information for order placements

Make	Wilo
Type	HiMulti 3-45 P
Art no.	4197374
Weight approx. m	11 kg