



ATAC Solutions Ltd is a leading environmental engineering company based in Maidstone, United Kingdom.

ATAC Solutions is known for its state-of-the-art liquid collection fleet and its expertise in providing bespoke turnkey wastewater process solutions.

With a focus on sustainability and accreditation in ISO 9001 & ISO 14001, the company serves domestic and industrial clients across the South-East and London.



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Axiom Water companies

Series description: Wilo-Drain TP 50/TP 65



Design

Submersible sewage pump

Application

Pumping of heavily contaminated fluids for:

- Domestic and site drainage
- Sewage disposal (not within the scope of DIN EN 12050-1)
- Water management
- Environmental and water treatment technology
- Industrial and process engineering

Type key

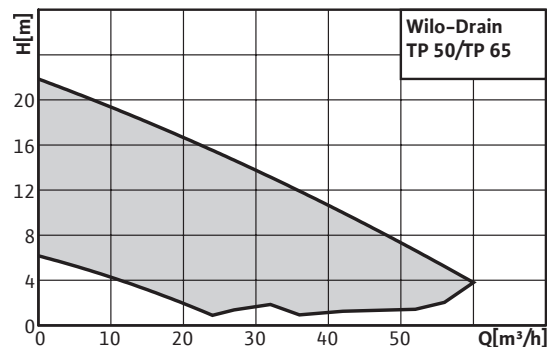
e.g.:	Wilo-Drain TP 65 E 114/11-A
TP	Submersible pump
65	Nominal diameter [mm]
E	Impeller shape (E = single-channel impeller, F = Vortex impeller)
114	Nominal diameter of the impeller [mm]
11	Power P_2 [kW] (=value/10 = 1.1 kW)
A	With float switch and plug

Special features/product advantages

- Detachable connection cable
- Stainless-steel glanded motor
- ATEX approval (only for TP 65/3~ without floater)
- Attached float switch (A-model version) enables simple operation
- Low weight
- Motor housing optionally available in 1.4404

Technical data

- Mains connection: 1~230 V, 50 Hz or 3~400 V, 50 Hz
- Immersed operating mode: S1
- Non-immersed operating mode: S2-8 min, S3 25%
- Protection class: IP 68
- Insulation class: F
- Thermal winding monitoring
- Max. fluid temperature: 3 35°C
- Cable length: 10 m
- Free ball passage: 44 mm
- Max. immersion depth: 10 m



Equipment/function

- Single-phase version with capacitor box
- A-model including float switch and plug
- Thermal motor monitoring
- ATEX approval (TP 65 3~ without float)

Description/design

Submersible sewage pump as submersible monobloc unit for stationary and portable wet well installation.

Hydraulics

The outlet on the pressure side is designed as DN 50 or DN 65 horizontal flange connections. The impeller shapes used are single-channel (E) or vortex impellers (F).

Motor

Dry motors give off their heat directly to the surrounding fluid via the housing components and can be used in immersed state for permanent or intermittent operation.

A sealing chamber protects the motor from fluid ingress. The filling fluid used is potentially biodegradable and environmentally safe.

Cable lengths are available in length increments of 10 m. The Amodel is equipped with float switch and plug.

Sealing

Sealing on the fluid side is achieved by a bidirectional mechanical seal, while sealing on the motor side is achieved by a rotary shaft seal.

Materials

- Pump housing: PPGF30 (TP 50), PUR (TP 65)
- Impeller: PP-GF30 (vortex impeller), PUR (single-channel impeller)
- Shaft: Stainless steel 1.4404
- Mechanical seal on pump side: SiC/SiC
- Shaft seal on motor side: NBR
- Static gasket: NBR
- Motor housing: Stainless steel 1.4301

Scope of delivery

- Pump ready for connection with 10 m connection cable
 - Single-phase version in Amodel design with capacitor box and shock-proof plug
 - Single-phase version with capacitor box and bare cable end
 - Three-phase version in Amodel design with CEE plug
 - Three-phase version with bare cable end
- A-model version with attached float switch
- Installation and operating instructions

Accessories

- Suspension unit
- Chains
- Non-return valve and gate valve

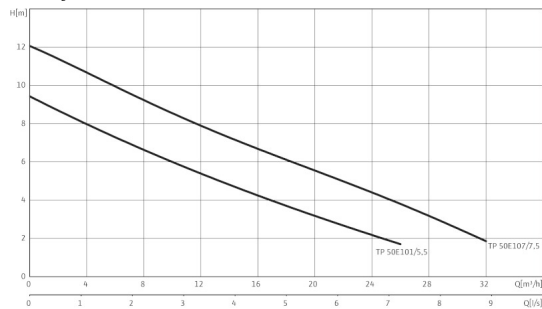


Series description: Wilo-Drain TP 50/TP 65

- Various pressure outlets and hoses
- Switchgears and relays

Data sheet: Wilo-Drain TP 50 E 101/5,5 (3~400 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	26 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	14 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 50 E 101/5,5 (3~400 V)

Materials

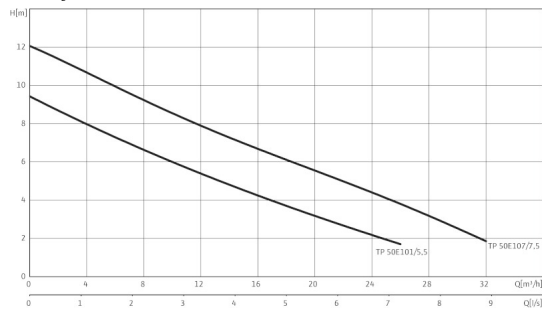
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025331
EAN number	4016322318064
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 101/5,5 (1~230 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	26 m ³ /h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	14 m ³ /h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	4 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm ²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		–



Data sheet: Wilo-Drain TP 50 E 101/5,5 (1~230 V)

Materials

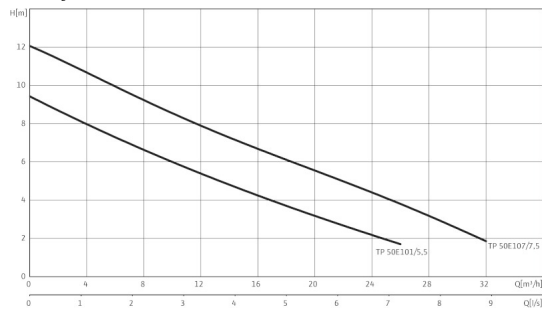
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025332
EAN number	4016322318057
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 107/7,5 (3~400 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	12.0 m
Max. volume flow	Q_{max}	32 m³/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	18 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2.10 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.10 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		—



Data sheet: Wilo-Drain TP 50 E 107/7,5 (3~400 V)

Materials

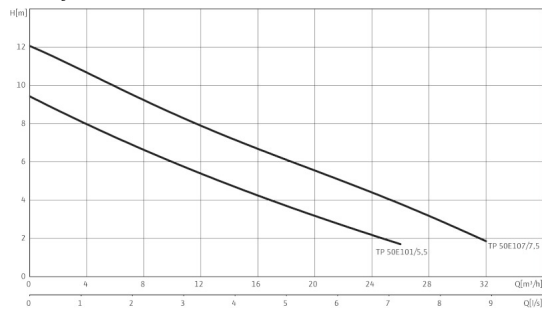
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025334
EAN number	4016322318088
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 107/7,5 (1~230 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	12.0 m
Max. volume flow	Q_{max}	32 m³/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	18 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	5.50 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.30 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 50 E 107/7,5 (1~230 V)

Materials

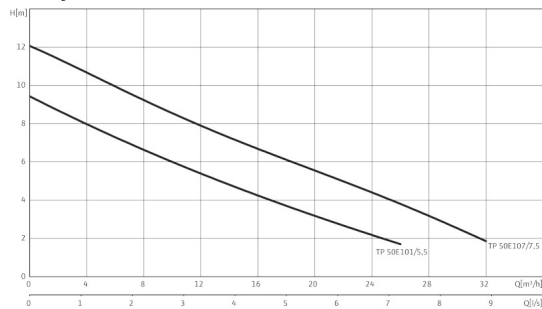
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025335
EAN number	4016322318071
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 101/5,5-A (1~230 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	26 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	14 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	4 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—



Data sheet: Wilo-Drain TP 50 E 101/5,5-A (1~230 V)

Materials

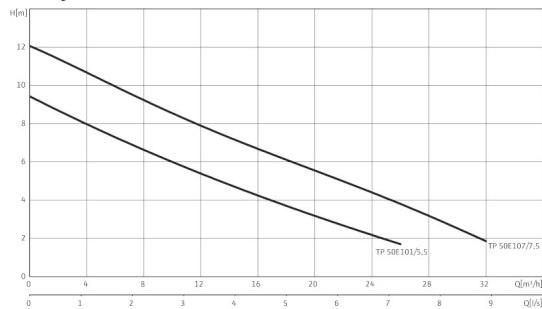
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029445
EAN number	4016322531111
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 101/5,5-A (3~400 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	26 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	14 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—



Data sheet: Wilo-Drain TP 50 E 101/5,5-A (3~400 V)

Materials

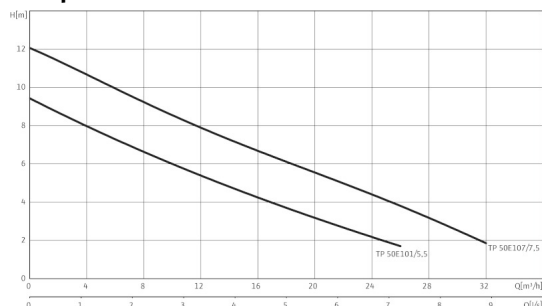
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029551
EAN number	4016322531203
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 107/7,5-A (1~230 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	12.0 m
Max. volume flow	Q_{max}	32 m³/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	18 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	5.50 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.30 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof

Equipment/function

Float switch	•
Motor protection	WSK
Explosion protection	—

**Data sheet: Wilo-Drain TP 50 E 107/7,5-A (1~230 V)****Materials**

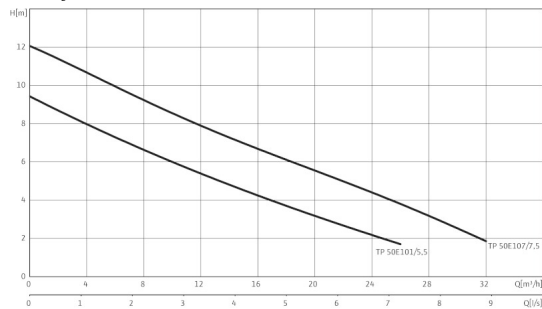
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029452
EAN number	4016322531128
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 E 107/7,5-A (3~400 V)

Pump curves Wilo-Drain TP 50 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	12.0 m
Max. volume flow	Q_{max}	32 m^3/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	18 m^3/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2.10 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.10 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm^2
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 50 E 107/7,5-A (3~400 V)

Materials

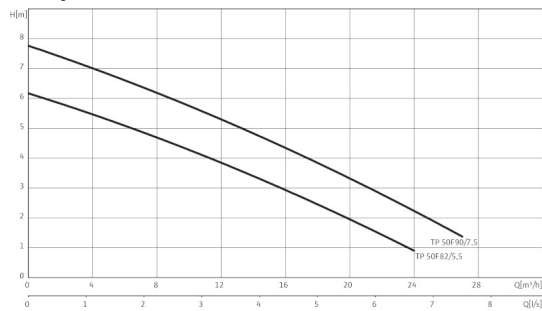
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029552
EAN number	4016322531210
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 82/5,5 (1~230 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	6.5 m
Max. volume flow	Q_{max}	24 m³/h
Optimal delivery head	H_{opt}	4.0 m
Optimum volume flow	Q_{opt}	12 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	4 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		–



Data sheet: Wilo-Drain TP 50 F 82/5,5 (1~230 V)

Materials

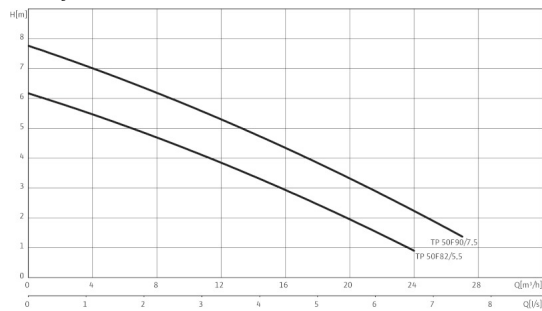
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025319
EAN number	4016322318095
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 82/5,5 (3~400 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	6.5 m
Max. volume flow	Q_{max}	24 m³/h
Optimal delivery head	H_{opt}	4.0 m
Optimum volume flow	Q_{opt}	12 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		–



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Data sheet: Wilo-Drain TP 50 F 82/5,5 (3~400 V)

Materials

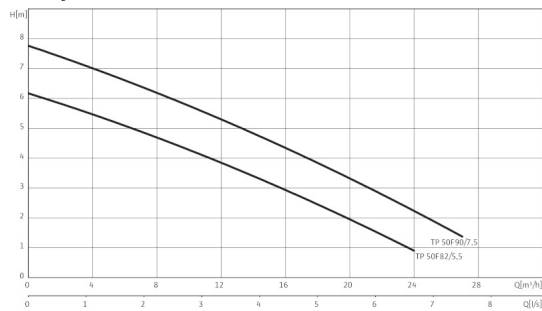
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025318
EAN number	4016322318101
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 82/5,5-A (1~230 V)

Pump curves Wilo-Drain TP 50 F – 50 Hz – 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	6.5 m
Max. volume flow	Q_{max}	24 m³/h
Optimal delivery head	H_{opt}	4.0 m
Optimum volume flow	Q_{opt}	12 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2–8 min S3–25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	4 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		–



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Data sheet: Wilo-Drain TP 50 F 82/5,5-A (1~230 V)

Materials

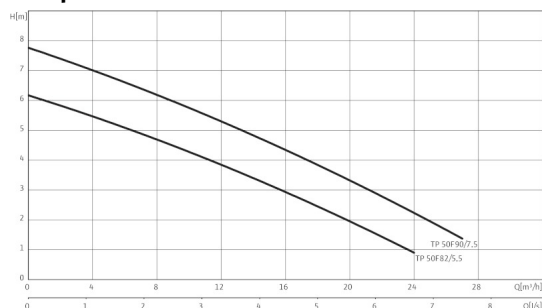
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029438
EAN number	4016322531081
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 82/5,5-A (3~400 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	6.5 m
Max. volume flow	Q_{max}	24 m³/h
Optimal delivery head	H_{opt}	4.0 m
Optimum volume flow	Q_{opt}	12 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	14.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2 A
Nominal motor power	P_2	0.55 kW
Power consumption	P_1	1 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch	•
Motor protection	WSK
Explosion protection	—

Data sheet: Wilo-Drain TP 50 F 82/5,5-A (3~400 V)

Materials

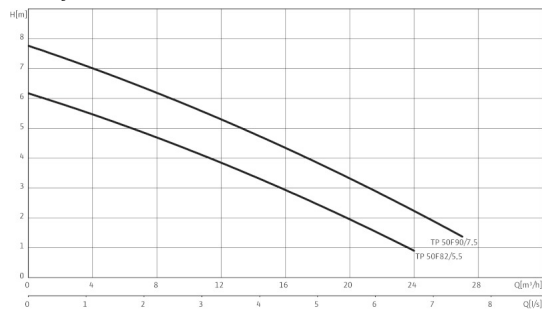
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029548
EAN number	4016322531173
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 90/7,5 (1~230 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.0 m
Max. volume flow	Q_{max}	27 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	15 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	5.50 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.30 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		–



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Data sheet: Wilo-Drain TP 50 F 90/7,5 (1~230 V)

Materials

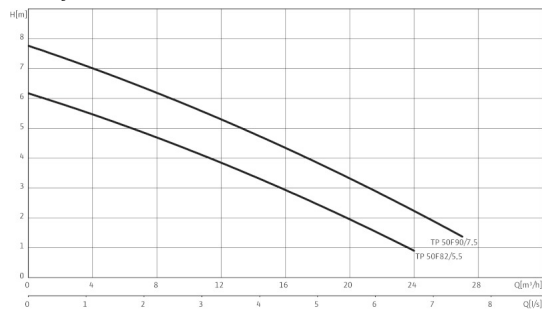
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025322
EAN number	4016322318118
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 90/7,5 (3~400 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.0 m
Max. volume flow	Q_{max}	27 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	15 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2.10 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.10 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		—



Data sheet: Wilo-Drain TP 50 F 90/7,5 (3~400 V)

Materials

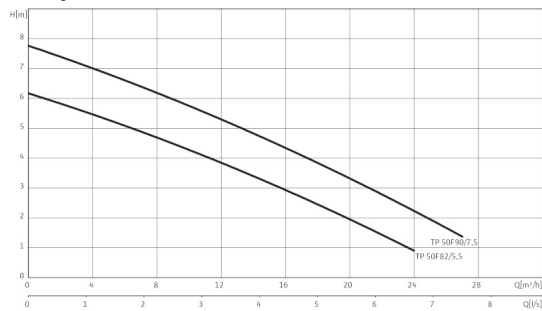
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4025321
EAN number	4016322318125
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 90/7,5-A (1~230 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	9.0 m
Max. volume flow	Q_{max}	27 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	15 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	5.50 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.30 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof

Equipment/function

Float switch	•
Motor protection	WSK
Explosion protection	—



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Data sheet: Wilo-Drain TP 50 F 90/7,5-A (1~230 V)

Materials

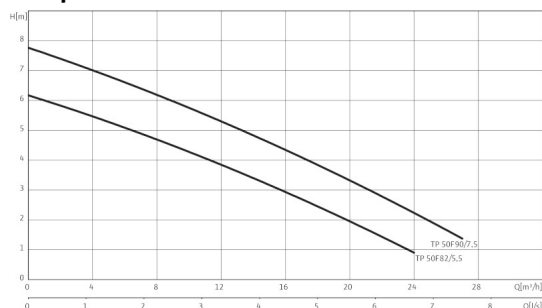
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029439
EAN number	4016322531098
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 50 F 90/7,5-A (3~400 V)

Pump curves Wilo-Drain TP 50 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	9.0 m
Max. volume flow	Q_{max}	27 m³/h
Optimal delivery head	H_{opt}	5.0 m
Optimum volume flow	Q_{opt}	15 m³/h
Pressure connection		DN 50
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	16 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	2 A
Nominal motor power	P_2	0.75 kW
Power consumption	P_1	1.10 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		70 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch	•
Motor protection	WSK
Explosion protection	—



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Data sheet: Wilo-Drain TP 50 F 90/7,5-A (3~400 V)

Materials

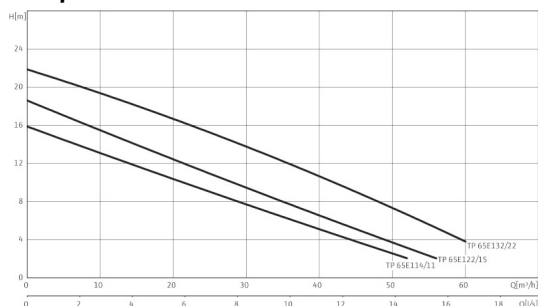
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PP-GF30
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029549
EAN number	4016322531180
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 114/11 (1~230 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	15.0 m
Max. volume flow	Q_{max}	52 m³/h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	28 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	21 kg

Motor data		
Mains connection		1~230 V, 50 Hz
Nominal current	I_N	7.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable	
Length of connecting cable	10 m
Cable type	OZOFLEX (PLUS) 07RNF
Cable cross-section	4G1 mm²
Type of connecting cable	Detachable
Mains plug	—

Equipment/function	
Float switch	—
Motor protection	WSK
Explosion protection	—



Data sheet: Wilo-Drain TP 65 E 114/11 (1~230 V)

Materials

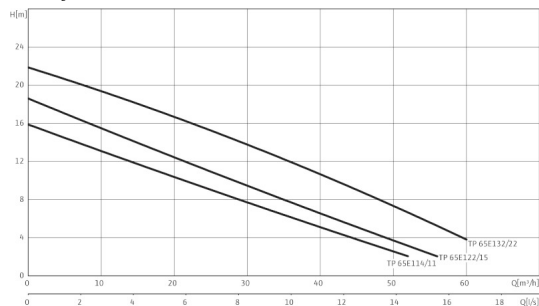
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007101
EAN number	4016322308485
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 114/11 (3~400 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	15.0 m
Max. volume flow	Q_{max}	52 m³/h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	28 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	21 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		ATEX

Data sheet: Wilo-Drain TP 65 E 114/11 (3~400 V)**Materials**

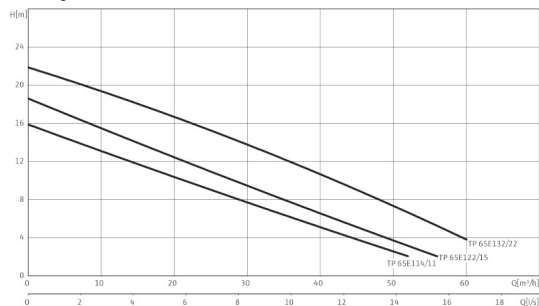
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007099
EAN number	4016322308478
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 114/11-A (1~230 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	15.0 m
Max. volume flow	Q_{max}	52 m³/h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	28 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	21 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	7.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 65 E 114/11-A (1~230 V)

Materials

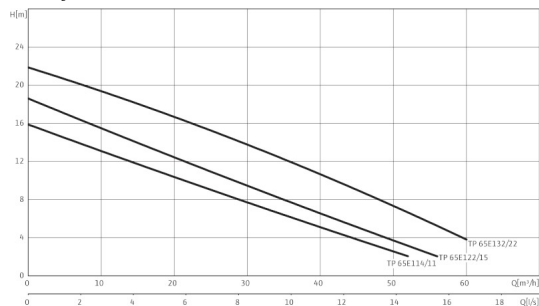
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029444
EAN number	4016322531104
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 114/11-A (3~400 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	15.0 m
Max. volume flow	Q_{max}	52 m³/h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	28 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	21 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—

Data sheet: Wilo-Drain TP 65 E 114/11-A (3~400 V)

Materials

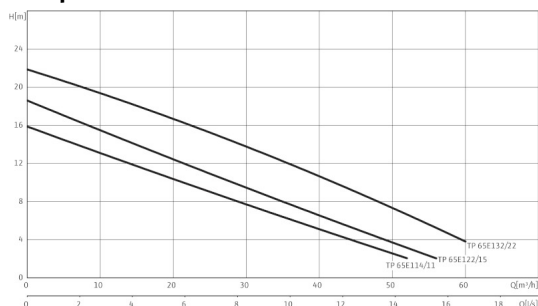
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029550
EAN number	4016322531197
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 122/15 (3~400 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	18.0 m
Max. volume flow	Q_{max}	56 m ³ /h
Optimal delivery head	H_{opt}	11.0 m
Optimum volume flow	Q_{opt}	26 m ³ /h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.80 A
Nominal motor power	P_2	1.50 kW
Power consumption	P_1	2 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm ²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		ATEX



Data sheet: Wilo-Drain TP 65 E 122/15 (3~400 V)

Materials

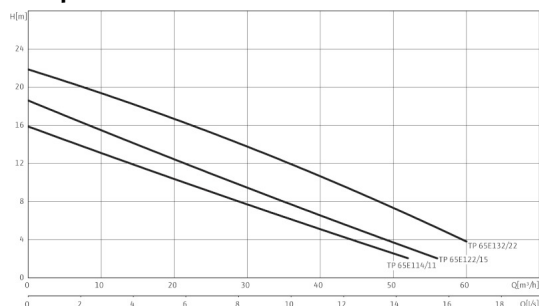
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007105
EAN number	4016322308492
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 132/22 (3~400 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	21.0 m
Max. volume flow	Q_{max}	60 m³/h
Optimal delivery head	H_{opt}	12.0 m
Optimum volume flow	Q_{opt}	35 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	24.50 kg

Motor data		
Mains connection		3~400 V, 50 Hz
Nominal current	I_N	5.20 A
Nominal motor power	P_2	2.20 kW
Power consumption	P_1	2.90 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable	
Length of connecting cable	10 m
Cable type	OZOFLEX (PLUS) 07RNF
Cable cross-section	6G1,5 mm²
Type of connecting cable	Detachable
Mains plug	—

Equipment/function	
Float switch	—
Motor protection	WSK
Explosion protection	ATEX

Data sheet: Wilo-Drain TP 65 E 132/22 (3~400 V)

Materials

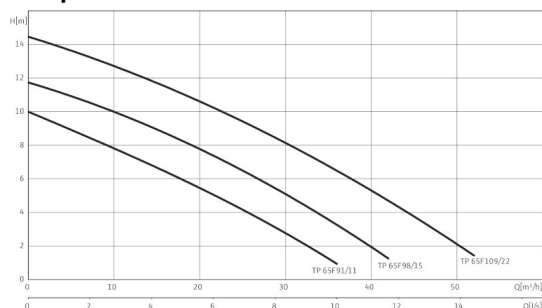
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007111
EAN number	4016322308515
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 91/11 (1~230 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	36 m³/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	16 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	6.90 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 65 F 91/11 (1~230 V)

Materials

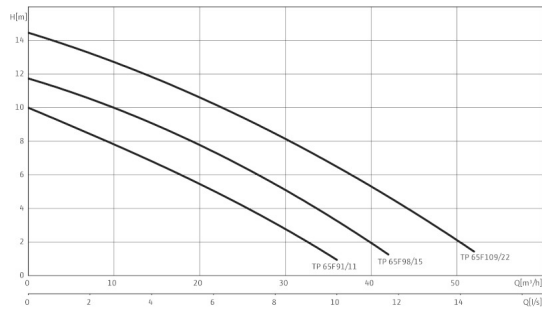
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007085
EAN number	4016322308430
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 91/11 (3~400 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	36 m ³ /h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	16 m ³ /h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm ²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		ATEX

Data sheet: Wilo-Drain TP 65 F 91/11 (3~400 V)

Materials

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

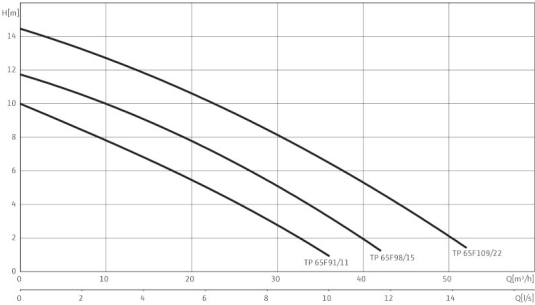
Make	Wilo
Art no.	4007083
EAN number	4016322303428
Ready for delivery	Stock
Price group	W6



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Data sheet: Wilo-Drain TP 65 F 91/11-A (1~230 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit		
Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	36 m³/h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	16 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg
Motor data		
Mains connection		1~230 V, 50 Hz
Nominal current	I_N	6.90 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %
Cable		
Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		4G1 mm²
Type of connecting cable		Detachable
Mains plug		Shock-proof
Equipment/function		
Float switch		•
Motor protection		WSK
Explosion protection		—



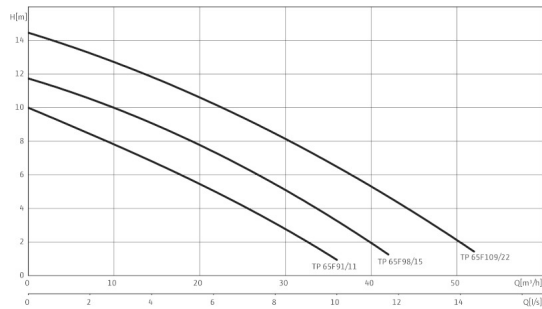
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Data sheet: Wilo-Drain TP 65 F 91/11-A (1~230 V)

Materials	
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404
Information for order placements	
Make	Wilo
Art no.	4029437
EAN number	4016322531074
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 91/11-A (3~400 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	9.5 m
Max. volume flow	Q_{max}	36 m ³ /h
Optimal delivery head	H_{opt}	6.0 m
Optimum volume flow	Q_{opt}	16 m ³ /h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.20 A
Nominal motor power	P_2	1.10 kW
Power consumption	P_1	1.50 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm ²
Type of connecting cable		Detachable
Mains plug		CEE

Equipment/function

Float switch		•
Motor protection		WSK
Explosion protection		—



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Data sheet: Wilo-Drain TP 65 F 91/11-A (3~400 V)

Materials

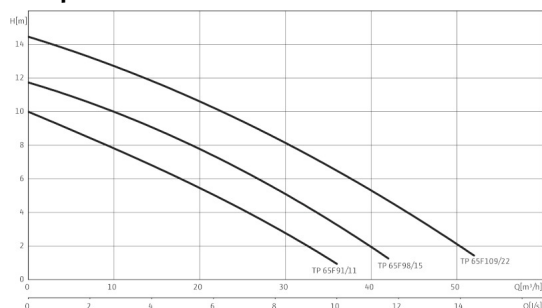
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4029547
EAN number	4016322531166
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 98/15 (3~400 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	11.5 m
Max. volume flow	Q_{max}	42 m³/h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	19 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	24.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	3.60 A
Nominal motor power	P_2	1.50 kW
Power consumption	P_1	1.80 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		ATEX

Data sheet: Wilo-Drain TP 65 F 98/15 (3~400 V)**Materials**

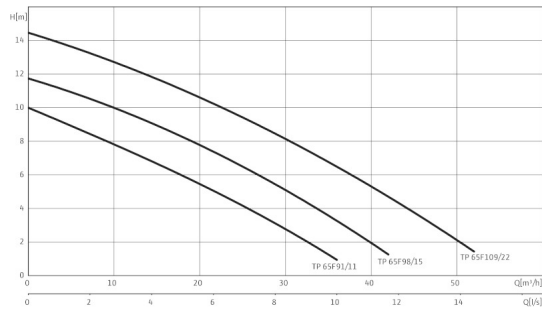
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007089
EAN number	4016322308447
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 109/22 (3~400 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	14.5 m
Max. volume flow	Q_{max}	52 m³/h
Optimal delivery head	H_{opt}	10.0 m
Optimum volume flow	Q_{opt}	23 m³/h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	24.50 kg

Motor data

Mains connection		3~400 V, 50 Hz
Nominal current	I_N	5.10 A
Nominal motor power	P_2	2.20 kW
Power consumption	P_1	2.70 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1,5 mm²
Type of connecting cable		Detachable
Mains plug		—

Equipment/function

Float switch		—
Motor protection		WSK
Explosion protection		ATEX



Data sheet: Wilo-Drain TP 65 F 109/22 (3~400 V)

Materials

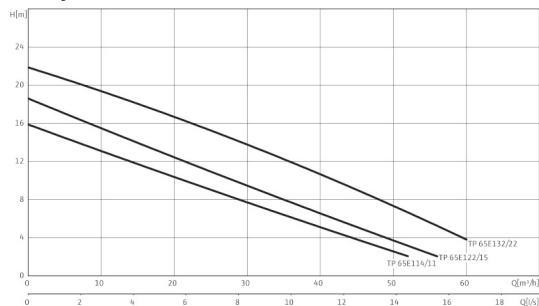
Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007095
EAN number	4016322308461
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 E 122/15 (1~230 V)

Pump curves Wilo-Drain TP 65 E - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	18.0 m
Max. volume flow	Q_{max}	56 m ³ /h
Optimal delivery head	H_{opt}	11.0 m
Optimum volume flow	Q_{opt}	26 m ³ /h
Pressure connection	DN 65	
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage	44 mm	
Operating mode (immersed)	S1	
Operating mode (non-immersed)	S2-8 min S3-25%	
Max. immersion depth	10 m	
Protection class	IP 68	
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	22 kg

Motor data

Mains connection	1~230 V, 50 Hz	
Nominal current	I_N	9.50 A
Nominal motor power	P_2	1.50 kW
Power consumption	P_1	2 kW
Activation type	Direct	
Nominal speed	n	2850 rpm
No. of poles	2	
Insulation class	F	
Recommended switching frequency	20 1/h	
Max. switching frequency	40 1/h	
Permitted voltage tolerance	±10 %	

Cable

Length of connecting cable	10 m
Cable type	OZOFLEX (PLUS) 07RNF
Cable cross-section	4G1 mm ²
Type of connecting cable	Detachable
Mains plug	—

Equipment/function

Float switch	—
Motor protection	WSK
Explosion protection	—



Data sheet: Wilo-Drain TP 65 E 122/15 (1~230 V)

Materials

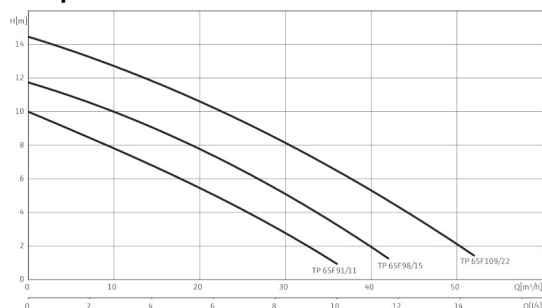
Static seal	NBR
Impeller	PUR
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007107
EAN number	4016322308508
Ready for delivery	Stock
Price group	W6

Data sheet: Wilo-Drain TP 65 F 98/15 (1~230 V)

Pump curves Wilo-Drain TP 65 F - 50 Hz - 2900 rpm



Pump curves in accordance with ISO 9906, Appendix A

Unit

Max. delivery head	H_{max}	11.5 m
Max. volume flow	Q_{max}	42 m ³ /h
Optimal delivery head	H_{opt}	8.0 m
Optimum volume flow	Q_{opt}	19 m ³ /h
Pressure connection		DN 65
Flange (in accordance with EN 1092-2)	PN	10
Free ball passage		44 mm
Operating mode (immersed)		S1
Operating mode (non-immersed)		S2-8 min S3-25%
Max. immersion depth		10 m
Protection class		IP 68
Fluid temperature	T	+3 ... +35 °C
Weight approx.	m	24.50 kg

Motor data

Mains connection		1~230 V, 50 Hz
Nominal current	I_N	9.50 A
Nominal motor power	P_2	1.50 kW
Power consumption	P_1	1.80 kW
Activation type		Direct
Nominal speed	n	2850 rpm
No. of poles		2
Insulation class		F
Recommended switching frequency		20 1/h
Max. switching frequency		40 1/h
Permitted voltage tolerance		±10 %

Cable

Length of connecting cable		10 m
Cable type		OZOFLEX (PLUS) 07RNF
Cable cross-section		6G1 mm ²
Type of connecting cable		Detachable
Mains plug		–

Equipment/function

Float switch		–
Motor protection		WSK
Explosion protection		–

Data sheet: Wilo-Drain TP 65 F 98/15 (1~230 V)**Materials**

Static seal	NBR
Impeller	PP-GF30
Sealing on motor side	NBR
Mechanical seal	SiC/SiC
Motor housing	1.4301
Pump housing	PUR
Pump shaft	1.4404

Information for order placements

Make	Wilo
Art no.	4007091
EAN number	4016322308454
Ready for delivery	Stock
Price group	W6