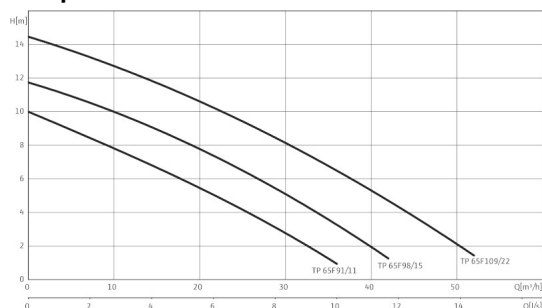


Data sheet: Wilo-Drain TP 65 F 91/11 (1~230 V)

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 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
Maximum operating pressure	p_{max}	1.10 bar
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
Power factor	$\cos \varphi$	0.99
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		–
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Data sheet: Wilo-Drain TP 65 F 91/11 (1~230 V)

Motor protection	WSK
Explosion protection	–

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

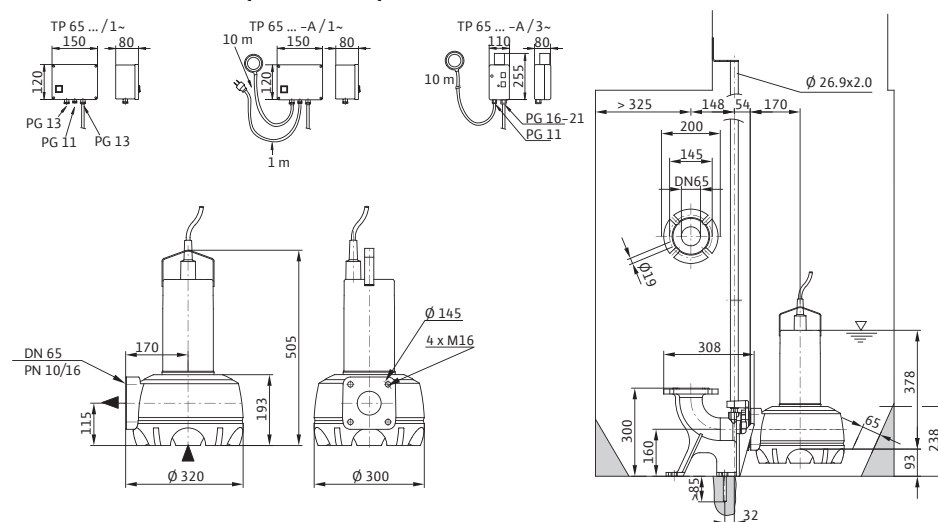
Information for order placements

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

Dimensions and dimension drawings: Wilo-Drain TP 65 F 91/11 (1~230 V)

Dimension drawing

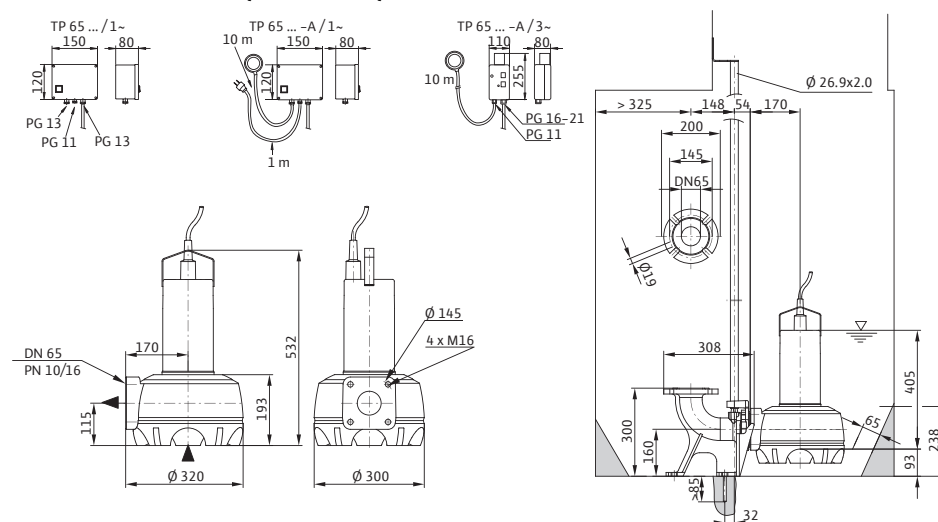
Wilo-Drain TP 65: 3~/1,1 kW, 3~/1,5 kW



Dimensions and dimension drawings: Wilo-Drain TP 65 F 91/11 (1~230 V)

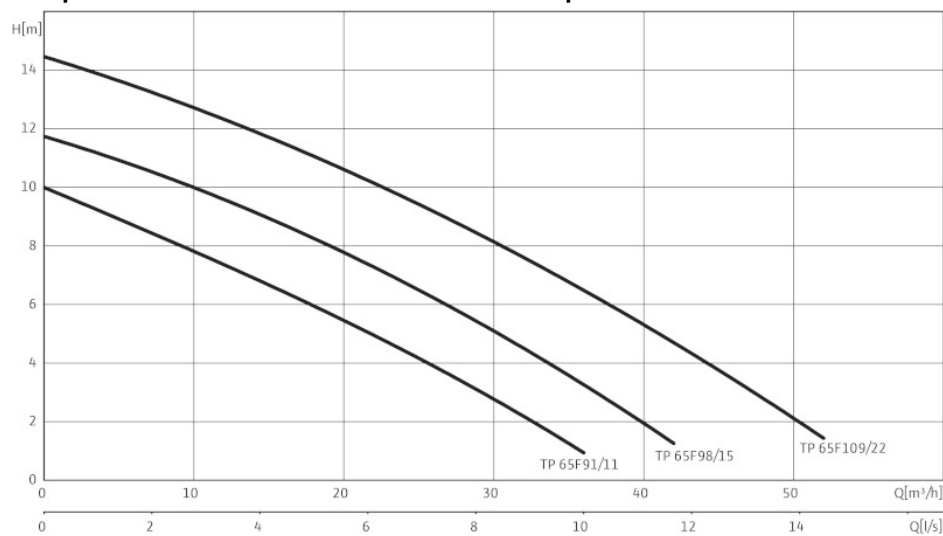
Dimension drawing

Wilo-Drain TP 65: 1~/1,5 kW, 3~/2,2 kW



Pump curves: 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

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

Fully submersible sewage pump as monobloc unit for the vertical wet well installation for pumping contaminated water. Hydraulics housing and impeller made of plastic, motor housing made of stainless steel. Pressure connection with horizontal pressure port and flange connection. Glanded motor in single- and three-phase versions with thermal motor monitoring and 10-metre detachable connection cable with bare cable end. A version with float switch and shock-proof or CEE plug. All three-phase units without float switch as standard with Ex protection.

Unit

Pressure connection: DN 65

Flange (in accordance with EN 1092-2): 10

Maximum operating pressure: 1.10 bar

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: +3 ... +35 °C

Weight approx.: 22 kg

Motor data

Mains connection: 1~230 V, 50 Hz

Nominal current: 6.90 A

Nominal motor power: 1.10 kW

Power consumption: 1.50 kW

Power factor: 0.99

Activation type: Direct

Nominal speed: 2850 rpm

No. of poles: 2

Insulation class: F

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: –

Materials

Static seal: NBR

Impeller: PP-GF30

Sealing on motor side: NBR

Mechanical seal: SiC/SiC

Motor housing: 1.4301

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

Pump housing: PUR

Pump shaft: 1.4404

Equipment/function

Float switch: –

Motor leakage detection: –

Sealing chamber leakage detection: –

Leakage chamber leakage detection: –

Motor protection: WSK

Explosion protection: –

Information for order placements

Art no.: 4007085

EAN number: 4016322308430

Ready for delivery: Stock

Price group: W6

Make: Wilo