



Data sheet

Hydraulic data

Maximum operating pressure <i>PN</i>	2 bar
Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	2 mm
Max. immersion depth	1 m
Min. fluid temperature <i>T</i> _{min}	3 ℃
Max. fluid temperature T_{max}	35 ℃
Min. ambient temperature <i>T</i> _{min}	3 ℃
Max. ambient temperature <i>T</i> _{max}	35 ℃

Cable

Connection cable length L	4 m
Cable type	H07RN-F
Cable cross-section	3G1 mm²
Mains plug	CEE 7/7 (Schuko)
Type of connection cable	Non-detachable

Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetall

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi_{100}$	0.98
Rated power <i>P</i> ₂	0.37 kW
Power consumption $P_{1 \text{ max}}$	450 W
Rated current $I_{\rm N}$	1.8 A
Starting current I	4.8 A
Activation type	Direct On Line (DOL)
Rated speed <i>n</i>	2900 1/min
Max. switching frequency <i>t</i>	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%

Materials

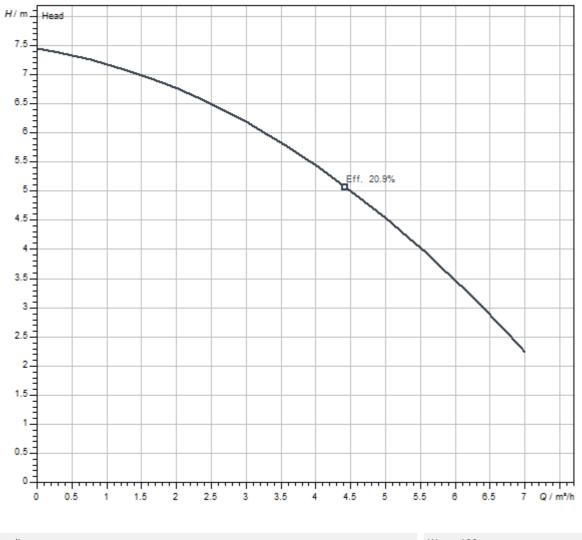
Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

Installation dimensions

Pipe connection on the discharge side <i>DNd</i> G	1¼
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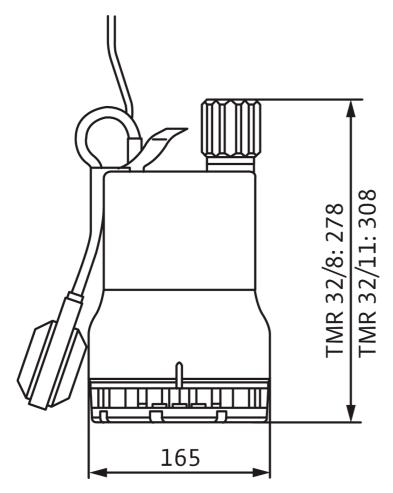
Pump curves



Fluid media	Water 100 %
Fluid temperature <i>T</i>	20.00 °C
speed at duty point <i>n hydr. @ OP</i>	2,900 1/min

Dimensions and dimensions drawings

Wilo-Drain TMR 32



wilo



Ordering information

Product data

Brand	Wilo
Product description	Drain TMR 32/8
Article number	4145325 🔀
EAN number	4048482104744
Colour	green/black
Minimum order quantity	1
Date of sales availability	2010-03-01

Dimension, weight

Length with packaging	195 mm
Length <i>L</i>	165 mm
Height with packaging	315 mm
Height <i>H</i>	278 mm
Width with packaging	195 mm
Width W	165 mm
Gross weight, approx. <i>m</i>	5.4 kg
Net weight, approx. <i>m</i>	4.9 kg

Packaging

Packaging type	Cardboard box
Packaging property	Sales packaging
Pieces per pallet	1
Number per layer	1



Tender text

Submersible pump for stationary and portable wet well installation. Pump with fitted float switch for fully automatic operation.

For the pumping in domestic areas of:

- > Sewage not containing faeces
- > Wastewater (with small amounts of sand and gravel)

Sewage pump with depth suction (pumping out up to 2 mm residual water level), open multi-channel impeller

Operating Data

Product data

Impeller type	Open multi-channel impeller
Free ball passage of the hydraulics	2 mm
Maximum operating pressure PN	2 bar
Max. immersion depth	1 m
Fluid temperature <i>T</i>	3 ℃
Max. fluid temperature, for short periods up to 3 min. T	90 °C

and vertical threaded connection. Pump housing, strainer and impeller made of composite material. 1~ motor (jacket cooling) with integrated operating capacitor and self-switching thermal motor monitoring. Stainless steel motor housing. Oil-filled sealing chamber with double sealing: a rotary shaft seal is installed on the motor side, a mechanical seal on the pump side. Connection cable with float switch and fitted plug (CEE 7/7).

Cable

Connection cable length <i>L</i>	4 m	
Cable type	H07RN-F	
Cable cross-section	3G1 mm²	
Mains plug	CEE 7/7 (Schuko)	
Type of connection cable	Non-detachable	

Equipment/function

Float switch	yes
Explosion protection type	-
Motor protection	Bimetall

Materials

Pump housing	PP-GF30
Impeller	PPE/PS-GF20
Shaft	Stainless steel
Sealing on pump side	BQ1PFF
Sealing on motor side	NBR
Gasket material	NBR
Motor housing	Stainless steel

Installation dimensions

Pipe connection on the suction side <i>DNs</i>	-
Pipe connection on the discharge side DNd	G 1¼

Motor data

Mains connection	1~230 V, 50 Hz
Voltage tolerance	±10 %
Power factor $\cos \varphi_{100}$	0.98
Rated power <i>P</i> ₂	0.37 kW
Power consumption $P_{1 \text{ max}}$	0.45 kW
Rated current $I_{\rm N}$	1.8 A
Activation type	Direct On Line (DOL)
Rated speed <i>n</i>	2900 1/min
Max. switching frequency <i>t</i>	50 1/h
Insulation class	F
Protection class	IP68
Operating mode (immersed)	S1
Operating mode (non-immersed)	S3-25%



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Ordering information

Article number	4145325 🔀
Net weight, approx. <i>m</i>	4.9 kg
Product description	Drain TMR 32/8
Brand	Wilo

Installation type

Stationary wet well installation

The pumps are immersed in the fluid. Connection to the discharge pipe is normally by a suspension unit. For maintenance purposes, the pumps can be removed from the top of the chamber. There is no need to loosen any screws or drain the water.

For a correct operation of the pumps, it is necessary to know the switching volume. The switching volume is calculated as the difference between the ON and OFF switching points. The OFF-switch point will define by the operating mode for submerged and non-submerged operation of the motor.

Shut-off device kit	
Gate valve G1¼, CW617N KIT	2528652

Non-return valve

Non-return valve Rp 1¼

19/06/2024 - _international/en





Fittings

Extension for flushing connection port 600 / 800	
Flush connection extension port 600/800	254303
lushing connection	
Flush connection Storz C port 600/800	254303
Non-return valve	
Non-return valve Rp 1¼	5015336
ihut-off device kit	
Gate valve G1¼, CW617N KIT	252865
Gate valve G1½, CW617N KIT	609649
/acuum breaker port 600/800	
Vacuum relief valve port 600/800	254303
Installation/setup	
Operating spanner extension for shutt-off valve port 600/800	
Operating key port 600/800	254300
Pump cover	
Pump chamber cover port 600/800 class A15	254302
Pump chamber cover port 600/800 class B125	254302
Pump chamber cover port 600/800 class D400	254302

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Pump chamber extension port 600/800

Pump chamber

Port 600	
Port 600.1-1500-03E	2543048
Port 600.1-1800-03E	2543049
Port 600.1-2250-03E	2544148

2543003



Electrical accessories

Wile-control MS-Lift 253745 MS1-taskWo0L 253765 Pump control/accessories 25280 Pump control/accessories 25280 Alarm signal 25280 Alarm control 25280 Alarm control 25280 DrainAlarm 25280 SprainAlarm 25280 DrainAlarm 25280 SprainAlarm 25280 DrainAlarm 25280 SprainAlarm 25503 SprainAlarm 25503 SprainAlarm 25503 SprainAlarm 25503 SprainAlarn 25503	Pump control	
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Pump control/accessories Battery 9V,200mA Nikh rechargeable battery, 9V/200 mAh 252280 Alarm Signal 252280 Alarm Control 252280 AarmControl 252280 AarmControl 252280 DrainAlarm 25280 DrainAlarm RIBST 25008 Bath light 25009 Bath light 25009 Signal horn 25009 Signal	MS-L-1x4kW-DOL	2539741
Battery 9V,200mA NMh rechargeable battery, 9V/200mAh 252280 Alarm signal Alarm Control Alarm Control Alarm Control Con	MS-L-2x4kW-DOL	2539745
NMh rechargeable battery, 9 V/200 mAh 252280 Alarm Signal	Pump control/accessories	
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AlarmControl AlarmControl 22284 AlarmControl 22284 AlarmControl 22284 AlarmControl 222847 DrainAlarm DrainAlar	NiMh rechargeable battery, 9 V/200 mAh	2522850
AlarmControl 1252846AlarmControl 2252847DrainAlarm254513DrainAlarm FIRST256526Flash light 1256526Flash light 1251612Rash light 1251612Rash light 1251613Signal horn251613Signal horn251208Signal horn 1201208Signal horn 1201208Signal horn201208Signal horn 1201208Signal horn 200201308Signal horn 1201208Signal horn 200201308Signal horn 200201308 </th <th>Alarm signal</th> <th></th>	Alarm signal	
Alarm Control 2252847Drain Alarm251387Drain Alarm251392Drain Alarm251392Drain Alarm251392Flash light 12510429Mounted Flash light 1-280 VAC2510429Flash light 1-280 VAC2510429Flash light 1-280 VAC2510429Signal horn 12-24 VDC2017208Signal horn 12-24 VDC2017208Signal horn 12-24 VDC2017208Signal horn 12-24 VDC2017208Signal horn 12-26 VDC2017208 <td>AlarmControl</td> <td></td>	AlarmControl	
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DrainAlarm254133DrainAlarm FIRST250526Flash light250526Flash light 1-230 VAC251029Flash light 24 VDC251012Flash light 1-230 VAC251013Signal horn271088Signal horn 1-230 V2017208Signal horn 1-230 V2017208Float switch gear KAS2017208Float switch WA2017208Float switch WA 55 with 5 m cable2017208	AlarmControl 2	2522847
DrainAlarm FIRST 255526 Flash light 2510429 Mounted Flash light 1-230 VAC 2510429 Flash light 24 VDC 2551612 Flash light 1-230 VAC 2551612 Signal horn 2551613 Signal horn 1-220 V 2017208 Signal horn 1-230 V 2017208 Flash light savitch gear 2017208 Flash light savitch gear 2017208 Float switch mini 2017208 Float switch WA 211320	DrainAlarm	
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Mounted Flash light 1–230 VAC 2510429 Flash light 24 VDC 2551612 Flash light 1–230 VAC 2551613 Signal horn 2551613 Signal horn 12-24 VDC 2017208 Signal horn 12-24 VDC 2017208 Signal horn 1–230 V 501459388 Signal horn 1–230 V 501459388 Signal horn 1–230 V 501459388 Flaat m switchgear 50154094 Evel control 50154094 Float switch mini 2547569 Float switch with 10 m cable 2547569 Float switch WA65 with 5 m cable 503211390	DrainAlarm FIRST	2550526
Fash light 24 VDC 2551612 Fash light 1-230 VAC 2551613 Signal horn 2017208 Signal horn 1-230 V 2017208 Small alarm switchgear 501459998 Small alarm switchgear 50153004 Eveel control 251612 Float switch with 10 m cable 2547569 Float switch WA65 with 5 m cable 503211390	Flash light	
Flash light 1-220 VAC 255163 Signal horn 2017208 Signal horn 1-230 V 2017208 Small alarm switchgear 501459398 Small alarm switchgear KAS 501534094 Level control 501534094 Float switch mini 2547569 Float switch WA65 with 5 m cable 503211390	Mounted Flash light 1~230 VAC	2510429
Signal horn 2017208 Signal horn 1-230 V 501459398 Small alarm switchgear 501459398 Small alarm switchgear 501534094 Level control 501534094 Float switch mini 2547569 Float switch WA65 with 5 m cable 503211390	Flash light 24 VDC	2551612
Signal horn 12-24 VDC 2017208 Signal horn 1-230 V 501459398 Small alarm switchgear 501534094 Evel control 501534094 Float switch mini 2547569 Float switch WA 2547569 Float switch WA 65 with 5 m cable 503211390	Flash light 1~230 VAC	2551613
Signal horn 12-24 VDC 2017208 Signal horn 1-230 V 501459398 Small alarm switchgear 501534094 Evel control 501534094 Float switch mini 2547569 Float switch WA 2547569 Float switch WA65 with 5 m cable 503211390	Signal horn	
Small alarm switchgear Small alarm switchgear KAS Small alarm switchgear KAS Sol1534094 Level control Float switch mini Mini float switch with 10 m cable Float switch WA65 with 5 m cable Sol211390 Sol211390	Signal horn 12-24 VDC	
Small alarm switchgear KAS 501534094 Level control Float switch mini Mini float switch with 10 m cable 2547569 Float switch WA Float switch WA 65 with 5 m cable	Signal horn 1~230 V	501459398
Level control Float switch mini Mini float switch with 10 m cable 2547569 Float switch WA Float switch WA 65 with 5 m cable 503211390	Small alarm switchgear	
Float switch mini Mini float switch with 10 m cable 2547569 Float switch WA Float switch WA65 with 5 m cable 503211390	Small alarm switchgear KAS	501534094
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Float switch WA Float switch WA65 with 5 m cable 503211390	Float switch mini	
Float switch WA65 with 5 m cable 503211390	Mini float switch with 10 m cable	2547569
	Float switch WA	
Float switch WA65 with 10 m cable 503211893	Float switch WA65 with 5 m cable	503211390
	Float switch WA65 with 10 m cable	503211893

Drain TMR 32/8



Float switch WA65 with 20 m cable	2004431
Float switch WA65 with 30 m cable	2004432
Float switch WA KR1 S with 5 m cable	6082806
Float switch WA KR1 S with 10 m cable	6082807
Float switch WA65 (PSN-X) with 20 m cable	6088843
Float switch WA65 (PSN-X) with 10 m cable	6088844
Float switch WA65 (PSN-X) with 5 m cable	6088845

Float switch WAO

Float switch WAO 65, 5 m cable	503211595
Float switch WAO 65, 10 m cable	2006027
Float switch WAO 65, 20 m cable	2004429
Float switch WAO 65, 30 m cable	2004430



Services

With Wilo as your partner, you can not only be sure of choosing high-quality product solutions, but also of benefiting from a comprehensive, worry-free package of well thought-out services. We collaborate to develop a service concept tailored to your individual needs; with our expertise and personal consultancy, we make sure that the operation of your systems is as energy-efficient, reliable and economical as possible. All the while our competent Wilo service technicians are ready to assist you with fast, reliable and on-time support.

Recommended services

Commissioning Drainage pumps	2219491
Wilo-Live Assistant Service	2216415
Maintenance BASIC Drainage pumps	2219540
Maintenance COMFORT Drainage pumps	2219514
Maintenance PREMIUM Drainage pumps	2219567

More suitable services

Service Package L Drainage pumps	2219719
Service Package M Drainage pumps	2219690
Extended Warranty Drainage pumps	2219465
Supervision Drainage pumps	2219348
Installation Drainage pumps	2219383
System Optimisation Drainage pumps	2219278
Energy Solutions Drainage pumps	2219313
Repair Drainage pumps	2219632