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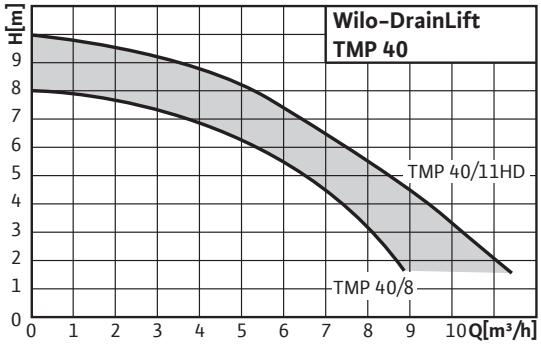
Series description: Wilo-DrainLift TMP 40



Design
Wastewater lifting unit (floor-mounted installation)

Application
Wastewater lifting unit for automatic drainage of showers, washbasins, washing machines/dishwashers, etc., in both old and new buildings, the wastewater of which cannot be piped to the sewer system through natural inclines and/or for disposal of wastewater that is generated below the backflow level. For the pumping of non-aggressive wastewater and drainage waters that are free of faeces, fibre, grease and oil. Compliance with DIN EN 12050-2 and DIN 1986-100 is required.
Attention: Pumping sewage containing faeces in wastewater lifting units is not permitted. In these cases, it is necessary to use Wilo-DrainLift KH 32, DrainLift XS-F, DrainLift S to XXL as well as FTS series sewage lifting units.

Type key

Example:	**Wilo-DrainLift TMP 40/8**
TMP	Wastewater lifting unit (floor-mounted)
40	Nominal diameter of the discharge port (DN 40)
8	Max. delivery head [m]

Special features/product advantages
- Service-friendly thanks to integrated submersible pump
- Suitable for aggressive media (TMP 40/11 HD)
- Low-noise operation

Materials
- Motor: stainless steel
- Hydraulic housing: PP-GF30 plastic
- Tank: PE plastic

Technical data
- Mains connection 1~230 V, 50 Hz
- Cable length from system to switchgear/plug 2.5 m
- Operating mode S3 -25%
- Fluid temperature max. 35 °C, for short periods (3 min) 90 °C
- Pressure port Ø 40 mm
- Inlet connection 25/32/40 mm
- Ventilation 32 mm
- Protection class IP 67
- Gross tank volume 32 l
- Switching volume 15 l

Equipment/function
- Ready-to-plug
- Thermal motor monitoring
- Level control with float switch
- Integrated non-return valve
- Fixation material

Description/design
Automatically switching wastewater lifting unit ready for connection with all of the required switchgear and control mechanisms and a built-in non-return valve. Flexible utilisation thanks to lateral inlets as well as inlets possible from above (advantageous for retrofits). Easy-to-maintain system design with Wilo-Drain TMW built-in pump, pressure port DN 40.
Also available as TMP 40/11 HD for aggressive fluids.
Ventilation is carried out at roof level through the use of self-sealing plug couplers (external pipe diameter 32 mm).

Scope of delivery
Automatically switching wastewater lifting unit ready for connection
- Connection material for inlet and pressure pipe
- Fixation material for buoyancy safeguards
- Installation and operating instructions

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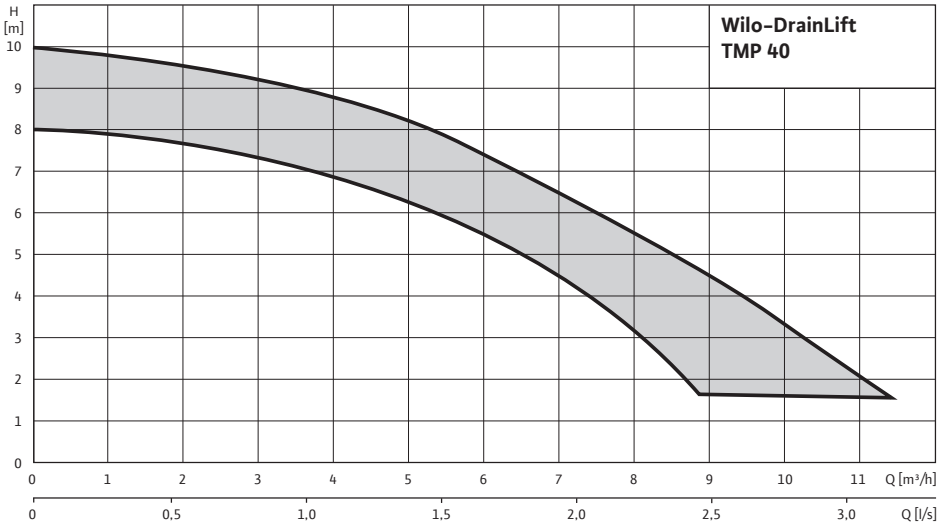
Duty chart: Wilo-DrainLift TMP 40

Pump curves Wilo-DrainLift TMP 40



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Equipment/function: Wilo-DrainLift TMP 40

Design	
Submersible	–
Single-pump system	•
Double-pump system	–
Single-phase AC motor	•
Three-phase motor	–
Pump position: motor components outside the tank	–
Pump position: outside the tank	–
Pump position: in tank	•
Sealing chamber	•
Sealing for mechanical seal on fluid side	•
Sealing for rotary shaft seal on fluid side	–
Integrated non-return valve	•
Sheath current cooling	•
Single-channel impeller	–
Multi-channel impeller	•
Vortex impeller	–
Macerators.	–
Patented turbulator	–
Equipment/function	
Inlet position freely selectable	–
Active carbon filter	–
Level control: with float switch	•
Level control: with level sensor	–
Level control: with pneumatic pressure transducer	–
Motor temperature monitoring	•
Motor leakage monitoring	–
Mains-independent alarm	–
Alarm for potential-free contact	–
Ready-to-plug	•
Connecting cable detachable	–
Switchgear	–
Hose connection for diaphragm hand pump	–
Seal for suction pipe connection for diaphragm hand pump	–
Hose connection for ventilation	–
Pressure hose	–
Installation sundries	
Fixation material	•
Kit for pressure pipe connection	•
Curve cutter for inlet borehole	–
Keyhole saw for inlet borehole	–
Inlet seal	–
Soundproofing material	–

• = available, – = not available; o = optional

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Product list: Wilo-DrainLift TMP 40

Pump type	Mains connection	Max. intake/h with S3 operation	Gross volume	Max. switching volume	Pressure connection	Inlet connection	Diagonal dimension	Art no.
		V/I	*V/I*	*V/I*				
TMP 40/8	1~230 V, 50 Hz	max. 900	32	15	DN 40	DN 25/32/40	500	2522664
TMP 40/11 HD	1~230 V, 50 Hz	max. 900	32	15	DN 40	DN 25/32/40	500	2525932

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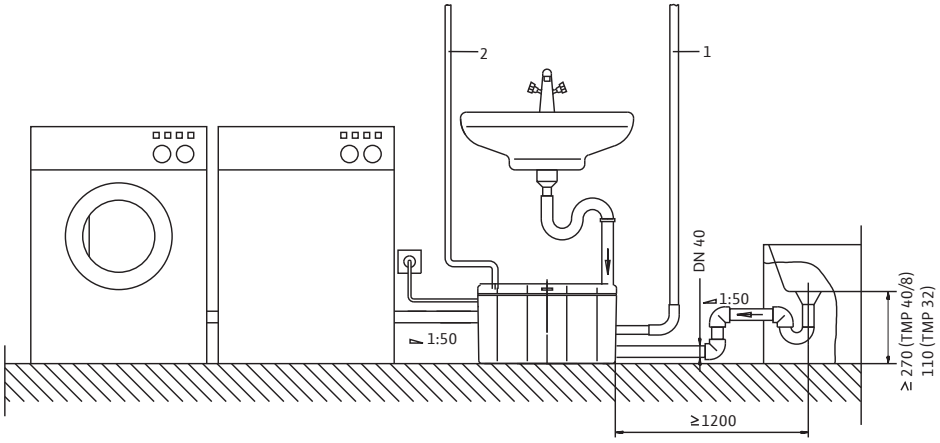
Installation drawings: Wilo-DrainLift TMP 40

Installation drawing Wilo-DrainLift TMP



1: Pressure pipe2: Ventilation pipe

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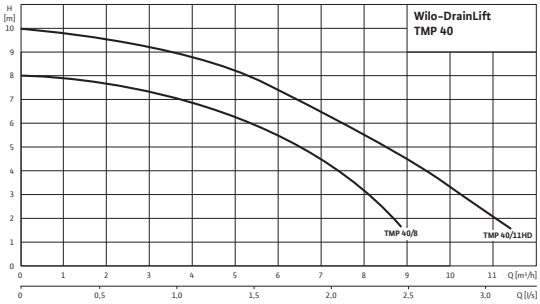
Data sheet: Wilo-DrainLift TMP 40/8

Pump curves Wilo-DrainLift TMP 40 - 50 Hz - 2900 rpm



According to EN 12056-4, 6.1, flow velocity (in the pressure pipe) must be kept between 0.7 and 2.3 m/s.
The stated Qmin values apply to the inside diameter of single-walled steel pipes.

Motor data		
Mains connection		1~230 V, 50 Hz
Nominal current	I_N	2 A
Activation type		Direct
Insulation class		F
Protection class		IP 67
Max. switching frequency		60 1/h

Cable		
Length of connecting cable		2 m
Mains plug		Shock-proof
Type of connecting cable		Non-detachable

Permitted field of application		
Operating mode per pump		S3-25%
Max. permissible pressure in the pressure pipe	*p*	1 bar
Fluid temperature	*T*	+3 ... +35 °C
Max. fluid temperature, for short periods up to 3 min	*T*	90 °C
Max. ambient temperature	*T*	35 °C

Dimensions/weights		
Gross volume	*V*	32 l
Switching volume	*V*	15 l
Dimensions	*Width x height x depth*	510 x 385 x 300 mm
Free ball passage		10 mm
Weight approx.	*m*	8 kg

Connections	
Pressure connection	DN 40
Inlet connection	DN 25/32/40
Bleeding	DN 32

Installation sundries	
Fixation material	•
Kit for pressure pipe connection	•
Curve cutter for inlet borehole	–
Keyhole saw for inlet borehole	–
Inlet seal	–

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Data sheet: Wilo-DrainLift TMP 40/8

Soundproofing material	–

Materials

Motor housing	Stainless steel
Pump housing	Plastic
Impeller	Plastic
Tank	Plastic

Information for order placements

Make	Wilo
Art no.	2522664
EAN number	4016322746881
Ready for delivery	Stock
Discount group	PG7

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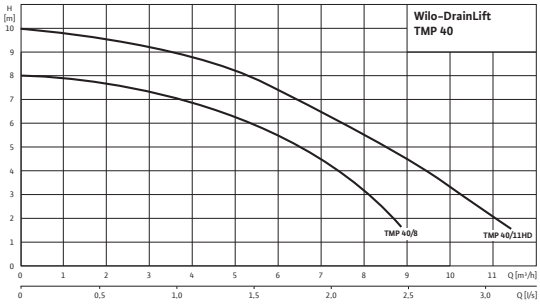
Data sheet: Wilo-DrainLift TMP 40/11 HD

Pump curves Wilo-DrainLift TMP 40 - 50 Hz - 2900 rpm



According to EN 12056-4, 6.1, flow velocity (in the pressure pipe) must be kept between 0.7 and 2.3 m/s.
The stated Qmin values apply to the inside diameter of single-walled steel pipes.

Motor data		
Mains connection		1~230 V, 50 Hz
Nominal current	I_N	4 A
Activation type		Direct
Insulation class		F
Protection class		IP 67
Max. switching frequency		60 1/h

Cable		
Length of connecting cable		2 m
Mains plug		Shock-proof
Type of connecting cable		Non-detachable

Permitted field of application		
Operating mode per pump		S3-25%
Max. permissible pressure in the pressure pipe	*p*	1 bar
Fluid temperature	*T*	+3 ... +35 °C
Max. fluid temperature, for short periods up to 3 min	*T*	90 °C
Max. ambient temperature	*T*	35 °C

Dimensions/weights		
Gross volume	*V*	32 l
Switching volume	*V*	15 l
Dimensions	*Width x height x depth*	510 x 385 x 300 mm
Free ball passage		10 mm
Weight approx.	*m*	8 kg

Connections	
Pressure connection	DN 40
Inlet connection	DN 25/32/40
Bleeding	DN 32

Installation sundries	
Fixation material	•
Kit for pressure pipe connection	•
Curve cutter for inlet borehole	–
Keyhole saw for inlet borehole	–
Inlet seal	–

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Data sheet: Wilo-DrainLift TMP 40/11 HD

Soundproofing material	–

Materials

Motor housing	Stainless steel
Pump housing	Plastic
Impeller	Plastic
Tank	Plastic

Information for order placements

Make	Wilo
Art no.	2525932
EAN number	4016322878001
Ready for delivery	Stock
Discount group	PG7