

JUNG PUMPEN PKS-D 1000

POLY-SUMPS

FOR MULTISTREAM AND MULTIFREE PUMPS

APPLICATION

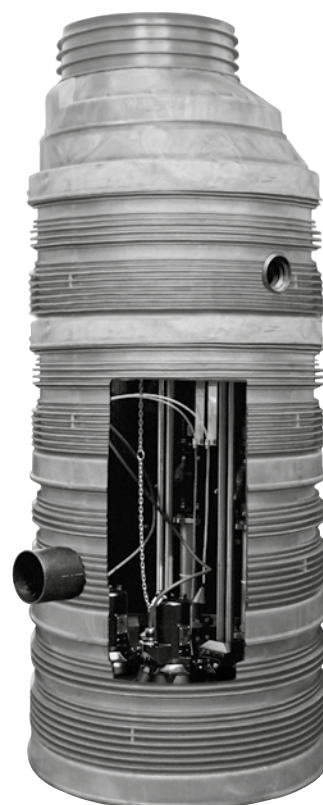
The buoyancy proof and practicable plastic sump in high-grade polypropylene (PP) is approved by the German Institute for Construction Engineering (Reg.-N° Z-42.1-410). It is used in pressure drainage systems as well as a standard pump sump. It is suitable for use in areas with traffic load up to 40 tons. (DIN EN 124, group 4). The PKS-D can be placed on natural ground without concrete works. The modular design offers easy transport and installation.

The sump has a connection piece for inlet, two sockets with seal for ventilation and cable duct, a facility for installing a flushing connection and a DN 80 pressure outlet.

The standard installation depth without a cover is 2.77 m. The installation depth can be extended to 5.90 m by the use of sump extensions (installation depth in ground water not more than 4m). The total volume is 1764 litres. The storage volume below the inlet is 395 litres.

In order to adjust the pumping stations to the required pumping conditions a wide range of single channel impeller or vortex impeller pumps is available, both with or without explosion protection.

- Mark of conformity Z-42.1-410
- Suitable for traffic up to class D 400
- Corrosion-proof
- Buoyancy-proof and ground water proof
- Max. installation depth 5.90 m



PKS-D 1000-D80

AVAILABLE PUMP TYPES DN 65

MultiStream pumps

10/2 A1, 15/2 A1, 25/2 A2 and 35/2 A2

MultiFree pumps

25/2 AW and 35/2 AW

AVAILABLE PUMP TYPES DN 80

MultiStream pumps

25/2 B1, 10/4 B1, 35/2 B2, 55/2 B2 and 15/4 B3

MultiFree pumps

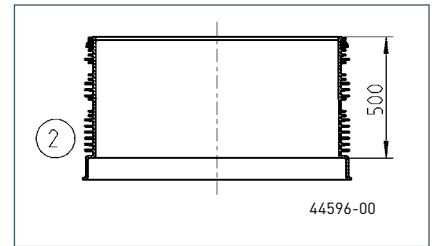
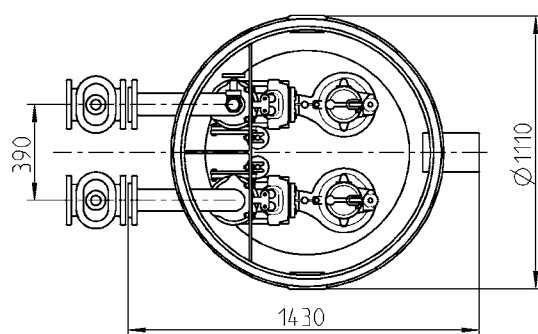
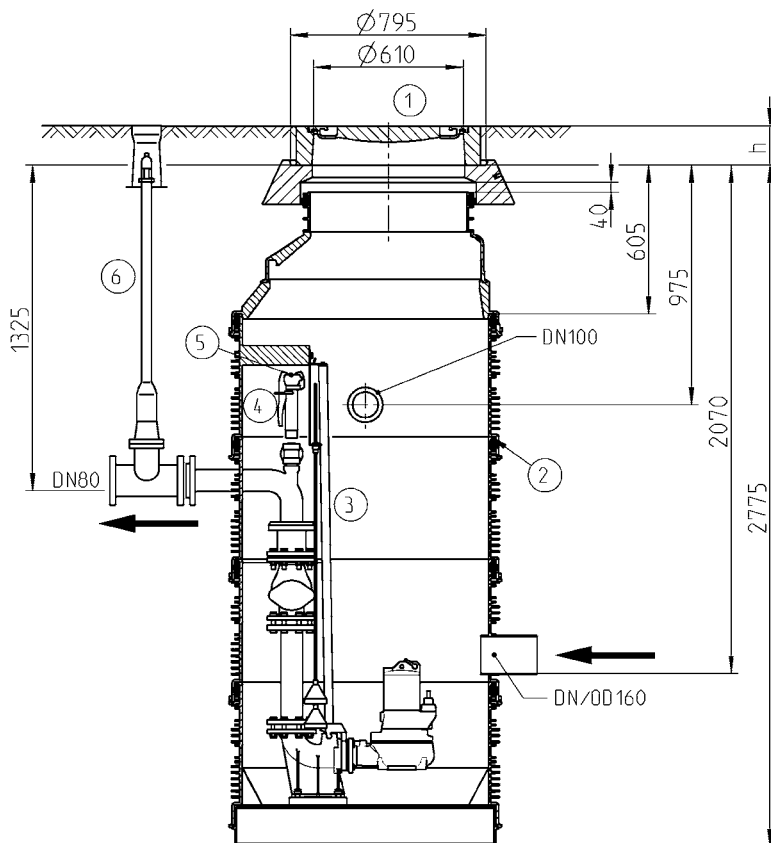
25/2 BW1, 35/2 BW1, 15/4 BW1, 25/4 BW1, 35/4 BW1

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PKS-D 1000-D65 and D80



We reserve the right to change specifications without notice

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SCOPE OF SUPPLY

PKS-D 1000-D65 /D80 (duplex units)

The poly-sump consist of an underpart with an inlet and a discharge branch, an extension element with tie-bar, a cone 1000/625 and a concrete support ring for the manhole cover (accessory). The segments are sealed with sealing rings.

Inlet socket DN/OD 160 (DN 150) for PVC collar (KGU), 2 sockets DN 100 for ventilation/cable duct, 1 socket plug DN 100, 2 guide rail systems, pipework with non-return valves in DN 80, facility for flushing connection system "Perrot"

SUMPS

Type	Code No.	Weight
Poly-sump PKS-D 1000-D65	JP44379	442 kg
Poly-sump PKS-D 1000-D80	JP44381	443 kg

ACCESSORIES

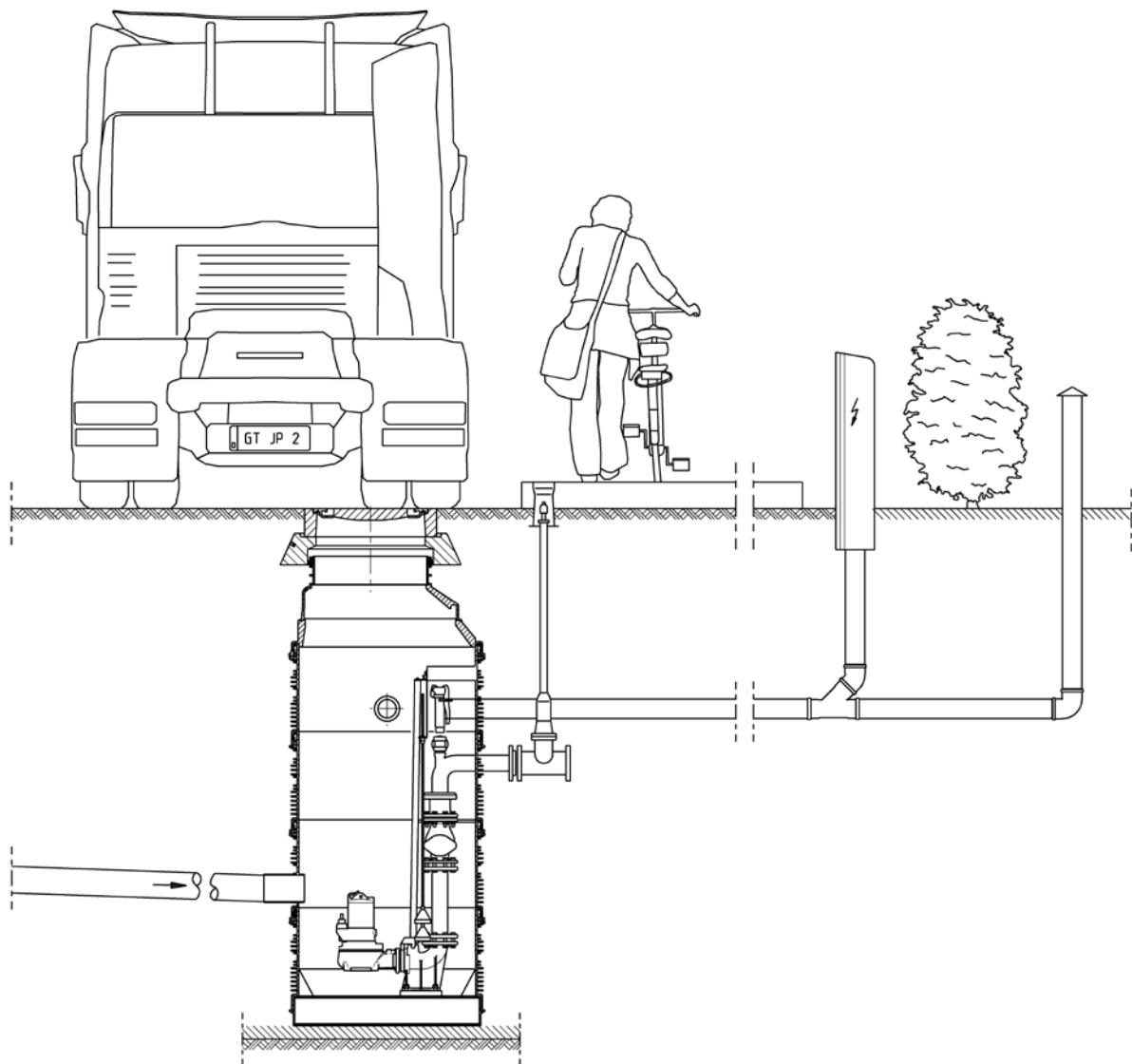
Description	Code No.	Weight
① Cover without ventilation, class B d610 h=125	JP44972	110,0 kg
Cover without ventilation, class D d610 h=160	JP29175	190,0 kg
② PSV-D 1000x500 (10)	JP44404	15,6 kg
③ Guide tube 1" stainless steel 1m	JP28346	2,5 kg
Sump depth in m	2.77 3.27 3.77 4.27 4.77 5.27 5.77	
Required guide tube length in m	1.55 2.05 2.55 3.05 3.55 4.05 4.55	
Attention! Please note that you need to order four guide tubes.		
④ Fire hose coupling size C, 1 1/2"	JP44770	0,3 kg
Perrot flushing connection G 250 Galvanised	JP22353	1,4 kg
⑤ Perrot hose connection Ø 50 mm	JP19202	0,4 kg
Perrot DRS connection	JP22421	0,5 kg
Perrot breathing valve	JP22422	0,6 kg
Perrot pressure gauge	JP44854	1,4 kg
Perrot claw coupling	JP22420	0,5 kg
Perrot flush connector R 1"	JP22466	0,3 kg
⑥ Underground valve DN 80	JP18936	24,0 kg
Set of earth installation equipment 0.7 m	JP18938	30,0 kg
Set of earth installation equipment 1.0 -1.4 m	JP18939	32,0 kg
Set of earth installation equipment 1.25 -1.8 m	JP18940	33,0 kg
⑦ Ventilation pipe DN 100 Stainless steel	JP44858	4,3 kg
⑧ Second or changed inlet DN 150	JP44523	
Second or changed inlet DN 200	JP44524	
Second or changed inletDN 250	JP44525	
⑨ Seal lubricant 1 kg tube	JP44605	1,0 kg
Seal lubricant 3 kg bucket	JP44606	3,0 kg

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Example of installation



44675-00

Attention: Concerning space capacity the installation of submersible switches is not possible.