

## PKS 1000

### POLY-SUMPS

For MultiStream- and MultiFree pumps

- . According EN 13598-2
- . Suitable for traffic up to class D 400
- . Corrosion-proof
- . Buoyancy-proof and ground water proof
- . Max. installation depth 4.90 m

#### DESCRIPTION

The buoyancy proof and practicable plastic sump in high-grade polypropylene (PP) corresponds to EN 13598-2. 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 4.90 m by the use of sump extensions (installation depth in ground water not more than 5 m). The total volume is 1764 litres. The storage volume below the inlet is 395 litres.

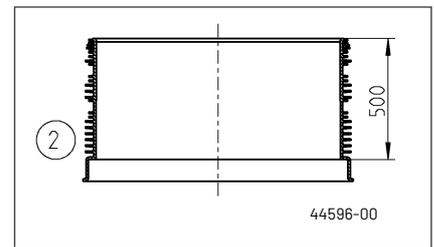
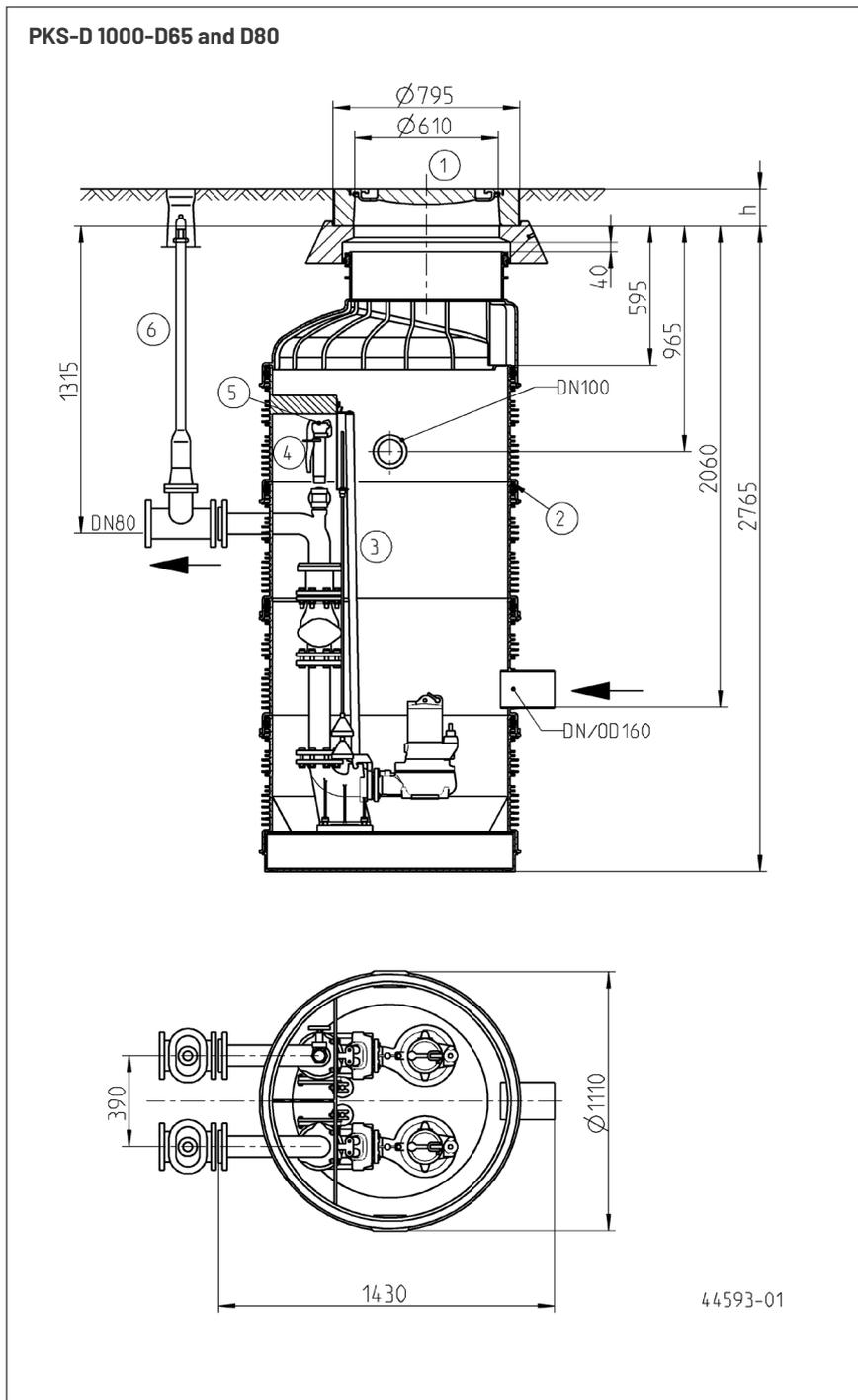
In order to adjust the pumping stations to the required pumping conditions a wide range of single channel impeller or vortex impeller pumps is available, both with or without explosion protection.



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We reserve the right to change specifications without notice

### AVAILABLE PUMP TYPES

MultiStream pumps DN 65  
MultiStream pumps DN 80

MultiFree pumps DN 65  
MultiFree pumps DN 80

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### SCOPE OF SUPPLY

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

The poly-sump consists 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 and a facility to install a flushing connection system "Perrot".

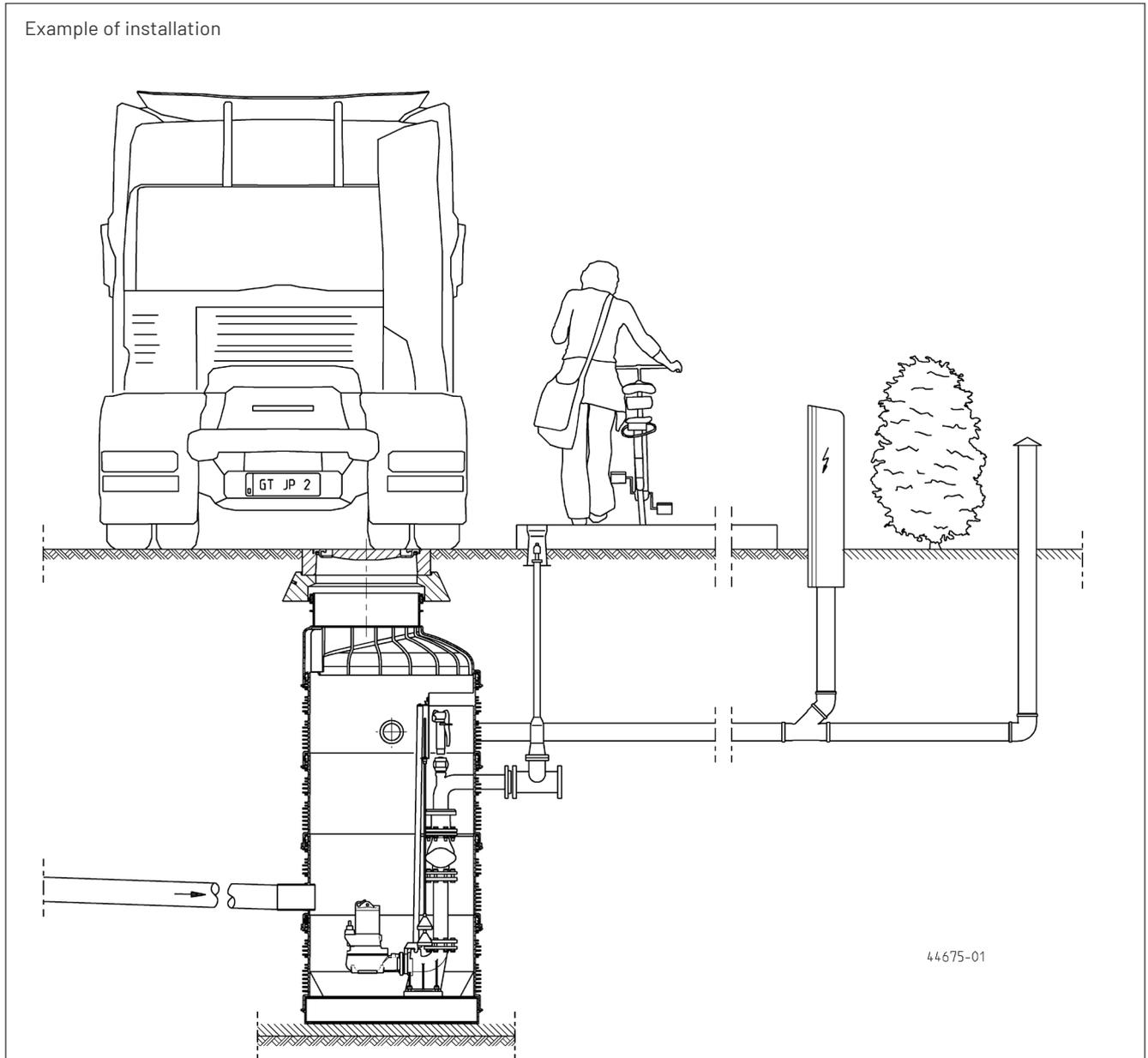
### SUMPS AND ACCESSORY

Type		Code No.	Weight
Poly-sump PKS-D 1000-D65		<b>JP44379</b>	442 kg
Poly-sump PKS-D 1000-D80		<b>JP44381</b>	443 kg
<b>1</b> Cover without ventilation, class B d610	h=125	<b>JP44972</b>	110.0 kg
Cover without ventilation, class D d610	h=160	<b>JP29175</b>	190.0 kg
<b>2</b> PSV-D 1000x500 (10)		<b>JP44404</b>	15.6 kg
<b>3</b> Guide tube 1" stainless steel 1	1550 mm	<b>JP50276</b>	3.8 kg
Guide tube 1" stainless steel 1	2050 mm	<b>JP50277</b>	5.0 kg
Guide tube 1" stainless steel 1	2550 mm	<b>JP50278</b>	6.2 kg
Guide tube 1" stainless steel 1	3050 mm	<b>JP50279</b>	7.5 kg
Guide tube 1" stainless steel 1	3550 mm	<b>JP50280</b>	8.6 kg
Attention! Please note that you need to order four guide tubes.			
<b>4</b> Fire hose coupling size C, 1 1/2"		<b>JP44770</b>	0.3 kg
Perrot flushing connection G 250	Galvanised	<b>JP22353</b>	1.4 kg
<b>5</b> Perrot hose connection	Ø 50 mm	<b>JP19202</b>	0.4 kg
Perrot DRS connection		<b>JP22421</b>	0.5 kg
Perrot breathing valve		<b>JP22422</b>	0.6 kg
Perrot pressure gauge		<b>JP44854</b>	1.4 kg
Perrot claw coupling		<b>JP22420</b>	0.5 kg
Perrot flush connector R 1"		<b>JP22466</b>	0.3 kg
<b>6</b> Underground valve DN 80		<b>JP18936</b>	24.0 kg
Set of earth installation equipment 0.7 m		<b>JP18938</b>	30.0 kg
Set of earth installation equipment 1.0 -1.4 m		<b>JP18939</b>	32.0 kg
Set of earth installation equipment 1.25 -1.8 m		<b>JP18940</b>	33.0 kg
<b>7</b> Ventilation pipe DN 100	Stainless steel	<b>JP44858</b>	4.3 kg
<b>8</b> Second or changed inlet DN 150		<b>JP44523</b>	
Second or changed inlet DN 200		<b>JP44524</b>	
Second or changed inlet DN 250		<b>JP44525</b>	
<b>9</b> Seal lubricant 1 kg tube		<b>JP44605</b>	1.0 kg
Seal lubricant 3 kg bucket		<b>JP44606</b>	3.0 kg

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