

## Application

The buoyancy-proof and practicable poly-sump (up to class D) is used in the estate drainage as well as in the industrial or municipal area. The PKSD 1000 can be placed on natural ground without concrete works. The modular construction enables simple transport and relocation. In order to adjust the pumping station to the required pumping conditions a wide range of MultiStream or MultiFree submersible sewage pumps is available.

## Description

Tested by the German Institute for Construction Engineering pre fabricated pump chamber. In high grade polyethylene (PE-HD). Smooth benched collection area to prevent solids build up with pre fabricated sump extension including a connection piece for inlet, two sockets for ventilation and cable duct, PE connection piece for pressure outlet. Pressure pipe, guide tube and the coupling system are already installed in the sump. The installation depth without cover is 2,46 m. The installation depth can be extended to 4,46 m by use of additional sump extensions. Extensions for the guide tube are part of the accessory.

The total volume is 1216 litres. The estimated storage below pump suction is 350 litres.

## Scope of Supply

### PKSD 1000-65/-80

Ready to install polyethylene pump chamber in modular system. Sump extension 1000 x 1000 with tie bar, hanging guide rail system and pre fabricated sump base with smooth benched collection area. Pre fabricated tie bar with guide tube, both made from stainless steel with bracket for guide rail. Coupling claw adequate to connection options is scope of supply. Pressure pipe DN 80 (stainless steel) with reflux valve DN 80 is already mounted.

1 connecting branch for collar DN 200 (for pipe between house and sump), 2 sockets with seal DN 100 for venting and cable pipe (for pipe between house and sump), cone 1000/610 and concrete support ring for seating of the chamber cover (accessory), one 100 mm dia. blind cap. The sealing of the segments is performed via DN 1000 sealing element.

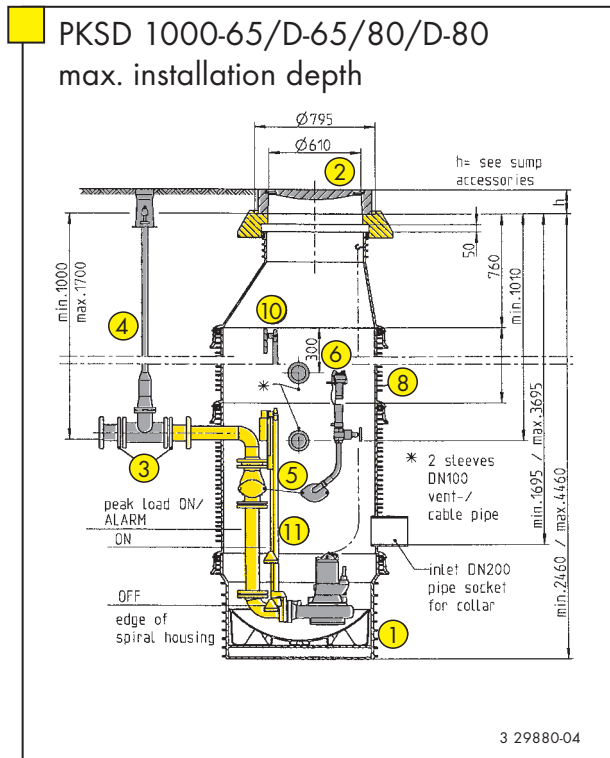
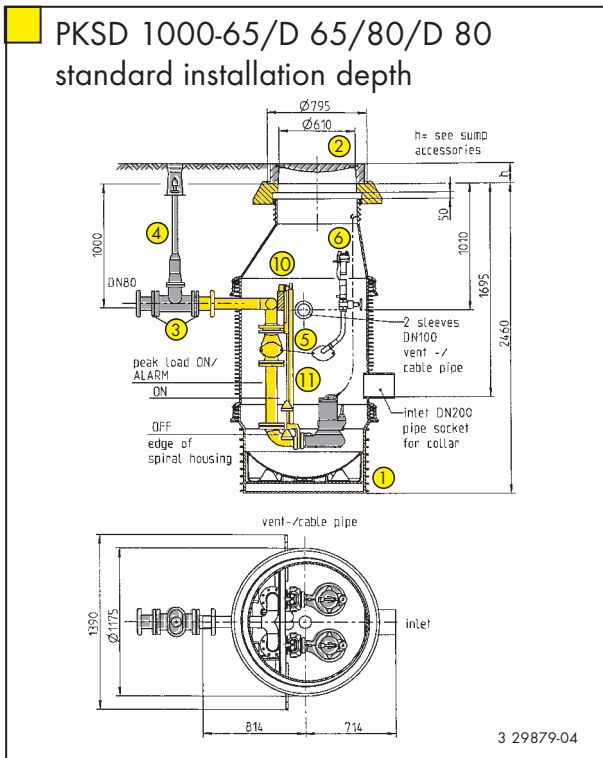


- ▶ **Practicable cl. D 400**
- ▶ **Corrosion-proof (NIRO/PE-HD)**
- ▶ **Smooth benched collection area to prevent solids built up**
- ▶ **Buoyancy-proof / ground water proof**
- ▶ **Easy to install**
- ▶ **Z 42.1-313**

### PKSD 1000-D65/-D80

Ready to install polyethylene pump chamber in modular system. Sump extension 1000 x 1000 with tie bar, hanging guide rail system and pre fabricated sump base with smooth benched collection area. Pre fabricated tie bar with guide tube, both made from stainless steel with bracket for guide rail. Coupling claws adequate to connection options are scope of supply. Pressure pipes DN 80 (stainless steel) with reflux valves DN 80 are already mounted.

1 connecting branch for collar DN 200 (for pipe between house and sump), 2 sockets with seal DN 100 for venting and cable pipe (for pipe between house and sump), cone 1000/610 and concrete support ring for seating of the chamber cover (accessory), one 100 mm dia. blind cap. The sealing of the segments is performed via DN 1000 sealing element.



We reserve the right to change specifications without notice.

Warning: Only be extendable above the pressure outlet

## Description

		Art.-Nr.	Gewicht (kg)	A1	A2	AW	25/2 B1	35/2 B2	55/2 B2	10/4 B1	15/4 B3	25/4 B4	35/4 B4	
1	<b>Poly-sump</b> PKSD 1000-65 PKSD 1000-D 65*** PKSD 1000-80 PKSD 1000-D 80***	09374	394	●	●	●								
		09375	453	●	●	●								
		09376	395				●	●	●	●	●	●	●	
		09377	455				●	●	●	●	●	●	●	
2	<b>Manhole cover BEGU</b> without ventilation Ø 610 Kl. B 125 h = 125 Ø 610 Kl. D 400 h = 160	29174	110	●	●	●	●	●	●	●	●	●	●	
		29175	190	●	●	●	●	●	●	●	●	●	●	
3	<b>Flange adaptor</b> <b>Inner support sleeve DN 80 SDR 11</b> necessary for PE-pipe	DN 80	30062	●	●	●	●	●	●	●	●	●	●	
			30096	●	●	●	●	●	●	●	●	●	●	
4	<b>Sluice valve</b> <b>Set of earth installation equipment DN 80</b> pipe connection depth 1000-1400 mm pipe connection depth 1250-1800 mm	18936	24	●	●	●	●	●	●	●	●	●	●	
		18939	32	●	●	●	●	●	●	●	●	●	●	
		18940	33	●	●	●	●	●	●	●	●	●	●	
5	<b>Flushing connection set</b> <b>Perrot flushing connection stainless steel</b> <b>Fire hose coupling size C</b>	1 1/2"***	29575	●	●	●	●	●	●	●	●	●	●	
		1 1/2"	29583	●	●	●	●	●	●	●	●	●	●	
		1 1/2"	11892	●	●	●	●	●	●	●	●	●	●	
6	<b>Accessories for Perrot flushing connection</b> House coupling DRS-connection Breathing valve Pressure gauge Claw coupling Flush connector 1" outside	House coupling	19202	●	●	●	●	●	●	●	●	●	●	
		DRS-connection	22421	●	●	●	●	●	●	●	●	●	●	
		Breathing valve	22422	●	●	●	●	●	●	●	●	●	●	
		Pressure gauge	24666	●	●	●	●	●	●	●	●	●	●	
		Claw coupling	22420	●	●	●	●	●	●	●	●	●	●	
		Flush connector 1" outside	22466	●	●	●	●	●	●	●	●	●	●	
7	<b>Additional price for ball reflux valve</b> K 80	40017	●	●	●	●	●	●	●	●	●	●		
8	<b>Sump extension</b> PSVD 1000 x 500 GR with tie-bar and 2 inlets* PSVD 1000 x 500 PSVD 1000 x 500 with tie-bar and 2 inlets for KG pipe	PSVD 1000 x 500 GR with tie-bar and 2 inlets*	29582	45	●	●	●	●	●	●	●	●	●	
		PSVD 1000 x 500	29955	41	●	●	●	●	●	●	●	●	●	
		PSVD 1000 x 500	29204	42	●	●	●	●	●	●	●	●	●	
		PSVD 1000 x 500 with tie-bar and 2 inlets for KG pipe			●	●	●	●	●	●	●	●	●	
9	<b>Seal lubricant</b> 1 kg tube (Sufficient for two seals) 3kg bucket	1 kg tube (Sufficient for two seals)	29205	1	●	●	●	●	●	●	●	●	●	
		3kg bucket	29206	3	●	●	●	●	●	●	●	●	●	
10	<b>Support for guide rail extension</b> for single unit for duplex unit	for single unit	29877	●	●	●	●	●	●	●	●	●	●	
		for duplex unit	29878	●	●	●	●	●	●	●	●	●	●	
11	<b>Guide tube</b> (for guide rail extension)	stainless steel per 1,0 m	28346	●	●	●	●	●	●	●	●	●		

Sump depth	2,96	3,46	3,96	4,46
Necessary guide tube length in m	0,5	1	1,5	2

Guide rail for single unit order 2 x  
For duplex unit order 4 x