Pumping stations

FPS-CS 2100 mm ZPG 50.1 M

Features:

- prefabricated pumping station made of corrosion-resistant PE-LLD
- buoyancy-proof up to a groundwater level of max. 1.2 m above the bottom edge of the shaft
- for installation of one or two pumps from the ZFS 71, ZPG 50 or ZPG 71 ranges
- stainless steel piping DN 50, pre-assembled with coupling system
- non-return valve, gate valve and flushing connection 1"
- pressure outlet PE-HD 63 x 5.8 – outside the manhole
- 1 x DN 150 inlet suitable for KG pipe; further inlets optional
- 2 x DN 100 connections for cable entry and air vent

Application:

- pumping of sewage from single- or multi-family housesas drainage pumping station
- for pressure drainage
- for installation outside buildings
- also suitable for drive-over areas with class B and D manhole covers

Product benefits:

- complete pumping station for domestic connections
- complete set - ready for connection available
- load capacity up to 40 tons (class D)
- various pump combinations (ZFS 71, ZPG 50, ZPG 71)
- made of corrosion-resistant PE-LLD for lifelong service
- additional connections available ex works
- quick-coupling system for easy pump insertion and optimal sealing

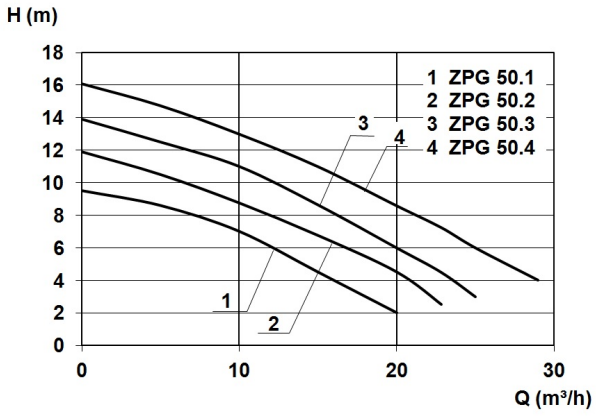
Scope of delivery:

- pumping station with pressure pipes and valves
- pump(s) ZFS 71, ZPG 50 or ZPG 71
- BEGU manhole cover class A-D optional (see accessories)
- ZPS control unit for single- or double-pump systems (ZPG 50 WA with float switch)

Technical data:

Art.no.	U [V]	P_1 [W]	P_2 [W]	In [A]	n [min-1]	Qmax [m^3/h]	Hmax [m]	SH [mm]	PO	D [mm]	L [mm]	W [mm]	H [mm]	Weight [kg]
21580	230	1000	550	5,0	2800	20,0	9,6	45	DN 50	1100	1100	1100	2230	150

Characteristics:



Materials:

Material impeller:	cast-iron GG25
Seal motor:	shaft seal SIC/SIC/NBR
Seal pump:	mechanical seal SIC/SIC/NBR
Material motor housing:	cast-iron GG25
Material pump housing:	cast-iron GG25
Material motor shaft:	stainless steel AISI 420
Material container:	PE

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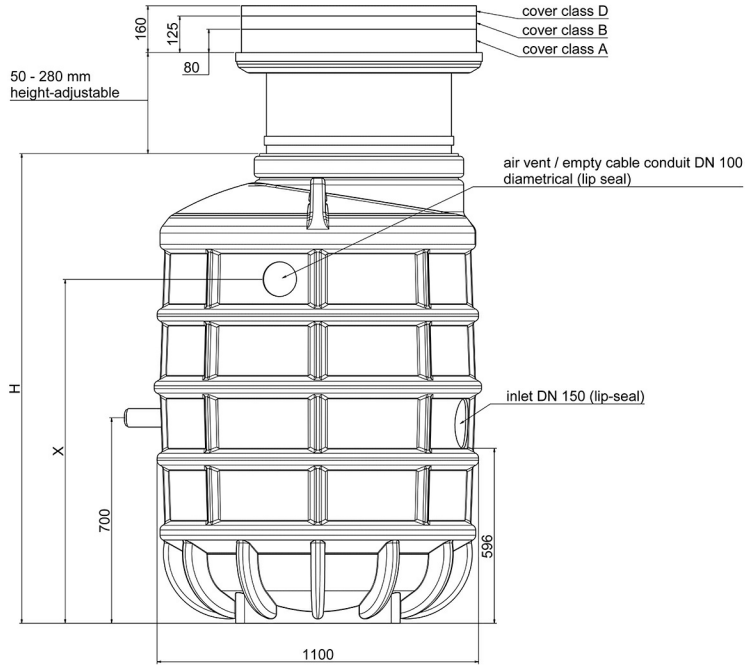
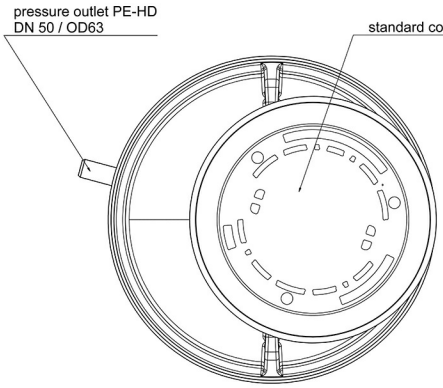
Dimensions:





manhole height: H	X
3100	2675
2100	1675
1600	1175