Liquid carbon dioxide overflow station SPU 15/20

Overflow station SPU 15/20.

Overflow station SPU 15/20 is designed for liquid carbon dioxide overflow from one tank into another.

Station is to be installed at the site near stationary reservoir or on transport tank.

Main units of station (**centrifugal pump** and electric motor) are mounted at the base plate.

All metal parts of the pump contacting with liquid carbon dioxide being pumped are made of stainless steel (AISI 304 or analogue).

The station **is equipped with three bellows stainless metal hoses** to provide connection of tanks, both at liquid and gas phases (DN 32 mm, L 2.0 m - 2 pcs., DN 20 mm, L 3.0 m - 1 pc.).

Station structure does not require application of lubricating fluids and excludes foreign substances entrance into carbon dioxide.

Station SPU15/20 may be installed into **tambour of transport tank of TsZhU type**. Station mounting at the Customer's TsZhU is to be performed as in the territory of our enterprise.

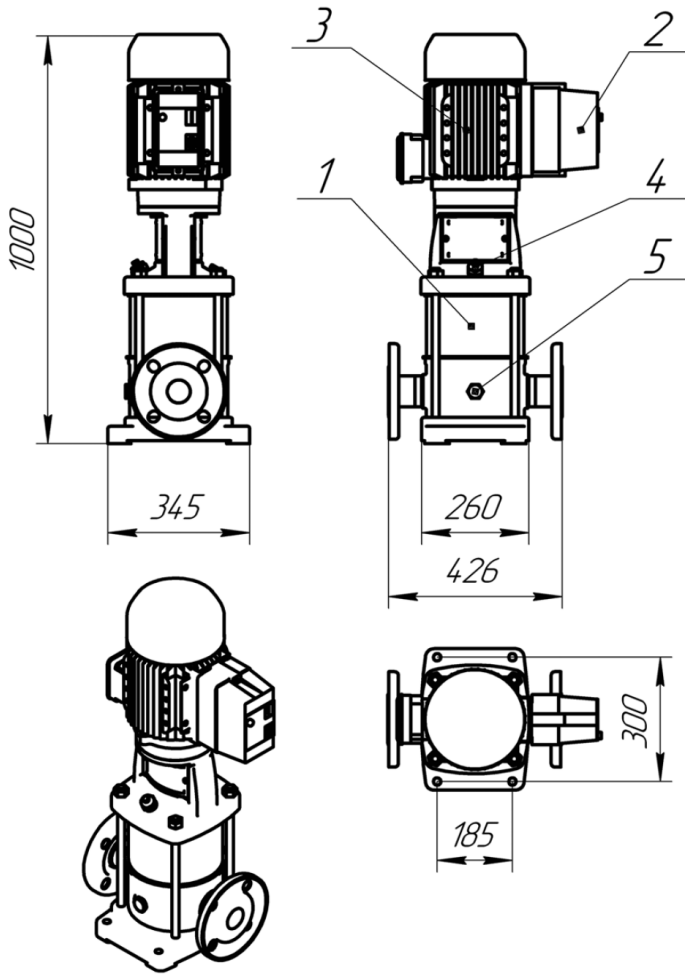
Under the order, it is possible to produce station **SPU10/50R (reverse type)**, in which pump is able to overflow liquid carbon dioxide in both directions (back and forth).

Guaranteed service life is 1 year.

Technical characteristics

Operating medium	CO_2 as per GOST 8050-85
Rated capacity at the head of not more than 5.0 m w. c. t/h	12.0
Head, m w. c.	Up to 20.0
Consumed power, kW, not more than	2.2
Power – industrial network	380 V, 50 Hz
Maximum operating pressure, kg/m^2	25
Overall dimensions, mm	430 x 790 x 390 (h)
Weight of unit, kg, not more than	50.0
Range of operating temperature, °C	+/- 30

CaDi CO_2 OVERFLOW PUMPS



Carbon dioxide overflow station SPU15/20. Dimensional drawing.

1 - Pump; 2 - Solenoid starter; 3 - Electric motor;
4 - Gas drainage; 5 - Condensate drainage;