



CHARACTERISTICS

Grouting pump AVD-1 is designated for the grouting of special one-component and two-component resins into the building and other constructions for the purpose of sealing, hydrofobization, penetration, impregnation, joining and stabilization of building structures.

DESCRIPTION

The base of the grouting pump AVD-1 are two units placed on the side of the frame at its front part, which contains piston pumps and further then the gear box connected to the frame at its rear side. The pump is driven through the one-stage gear box, by the drill fixed at the back part of the gear-box. In each body there is placed a regulating valve, two admission and two forcing valves. The cube of manometer with the manometer is mounted on the unit by the output. The plastic funnel is placed in the vertical position on the unit. Inside the funnel, in the suction area, there is a screen placed to trap the coarse dirt. The front part is the side from the gauge (manometer) rear part is the side from the pump's drive.

MATERIAL

Steel parts, i.e. transfer valves, cylinders, pistons, which come into the contact with the grouting material, are made of: stainless steel according to the standard ČSN 17 029, 17 030, 17 031. Suction and delivery valves are made of brass according to the standard ČSN 42 8620.22. Rubber seals (O-rings) are produced from vulcanized technical compact rubber according to the standard ČSN 62 2002, DIN 78 078, ISO 4632/1

TECHNICAL DATA

Max. delivered quantity	1 st Drill transmission degree 1,2 l/min.
	2 nd Drill transmission degree 2,0 l/min.
Max. working pressure	1 st Drill transmission degree 150 bar.
	2 nd Drill transmission degree 80 bar.
Max. pressure	200 bar.
Container	2x10l
Weight	77 ka (without drill)
Motor type	Drill FERM
Motor characteristics	220-230V
	1050W
	1 st Drill transmission degree 0-1100 RPM
	2 nd Drill transmission degree 0-3000 RPM

This product complies with basic requirements of the Government Regulation 163/2002 Coll. for the intended way of product use.