



Technical data sheet

Grouting pump AVD-2

CHARACTERISTICS

Grouting pump AVD-2 is designated for the grouting with two-components polyurethane resins, with the mixing ratio of 1:1 by volume, for the reinforcing and sealing grouting.

DESCRIPTION

This concerns a single-purpose mechanical device. The base of the grouting pump AVD-2 is a transport mechanism (chassis), in which there are placed two cylinders with pistons in the front part. These are connected onto the single-staged gearbox in the back part of the pump. Between the cylinder and the funnel for component B there is a reverse circuit, enclosable with the aid of the ball valve. From the front side of the pump there are placed manometers and connections of the grouting hoses. At the upper part of the pump there are placed funnels for the grouting material, the pump holder and the clamping bush for the electric drill, which serves as the motor of the pump. The drill is not part of the pump, it must be ordered separately.

MATERIAL

Steel parts, which come into the contact with the grouting material, are produced from: cylinder = brass according to ČSN standard 42 8620.22, piston = stainless steel according to ČSN standards 17 029, 17 030, 17 031. Rubber sealing (O-rings) are produced from the vulcanized technical compact rubber according to ČSN standards 62 2002, DIN 78 078, ISO 4632/1

TECHNICAL DATA

Max. delivery quantity	1 l/min.
Mixing ratio	1:1 (by volume)
Max. working pressure	250 bar
Max. pressure	300 bar
Container	2x2l
Weight	9,2 kg
Motor type	Drill (to be ordered separately, not included in the pump)
Recommended drive properties	220-230V
	850W
	0-2800 RPM

