

Technical data sheet

Grouting pump IVS-1



CHARACTERISTICS

The grouting pump IVS-1 is designated for the grouting of special one-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 IVS-1 is a cylinder, situated at the rear part of the baseplate. Piston (plunger) is a part of the cylinder. There is a regulation valve placed from the side of the cylinder. The gearbox is situated at the rear of the grouting part connected to the baseplate. The pump is driven through the single-staged gearbox by the drill placed at the rear part of the gearbox. The cube of manometer with the manometer is mounted on the baseplate by the output. The plastic funnel is placed in the vertical position on the baseplate. Inside the funnel, in the suction area, there is a sieve 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, which come into the contact with the grouting material, are made of:

Control valve = Fe ČSN 42 6530, manometer = brass ČSN 42 8620.22, cylinder = stainless steel 1.454 DIN178, piston = brass ČSN 42 8620.22, plastic alternative PEEK-mod Polyetherethketone with additive 10% PTFE, graphite and carbon fiber. Rubber seals (O-rings) are produced from vulcanized technical compact rubber according to standard ČSN 62 2002, DIN 78 078, ISO 4632/1

TECHNICAL DATA

Max. delivered quantity	0.8l/min.
Max. working pressure	250bar.
Max. pressure	400 bar.
Container	1l
Weight	8 kg (without drill)
Motor type	Drill EXTOL (not part of delivery)
Motor characteristics	220-230V
	850W
	0-2800 rpm

A control cable with switch can be bought for this pump, which is then mounted to the pump's drive power cable (drill cable). It is necessary that the switch is assembled by the competent person - electrician on the power cord of the pump drive (drill).

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