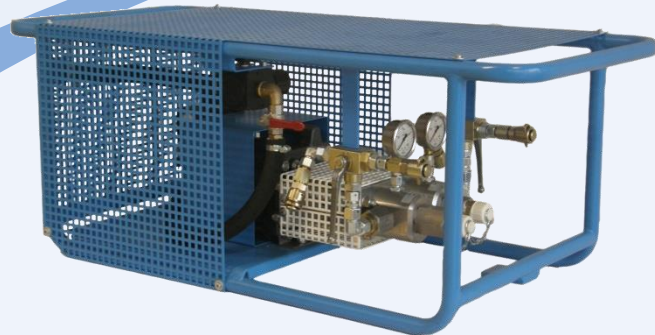


INJECTION TECHNIQUE

PNEUMATIC PISTON PUMP GSF35-2 PU-N



APPLICATION

The GSF 35-2 PU-N is a compact and lightweight injection pump which provides a high flowrate. Equipped with threaded and Steck-O connectors it can be used likewise in civil project as well in mining. The wheel (sold separate) makes the Handling of the pump even easier than before.

The pressure injection pump Type GSF 35-2 PU-N is a pneumatically driven, single acting piston pump that operates after the pressure intensification principle. The area ratio of drive pressure to pressure piston ring area yields the pressure ratio which is 41:1 in type GSF 35-2 PU-N pumps.

The pump consists of a pneumatically actuated drive part and a high-pressure part. Drive part and high-pressure part are linked with a piston rod. Two parallel high-pressure pistons are arranged at the end of the piston rod and are connected via a yoke. Thus, the drive and high-pressure parts are isolated and it is prevented that pump medium gets into the pneumatic drive part in case of leakages in the high-pressure sealing. The piston rods are of high-tensile stainless steel and boast long service lives. The valve seats are of tempered steel and the sealings of wear resistant UHMW-PE.

TECHNICAL DATA		Part. No. 9600.0239	
Air drive pressure	1-5 bar / 14,5-87psi	Connections	
Max. operating pressure at 5 bar inlet pressure	205 bar / 2900 psi	Air connection	RD 32 x 1/8 o. claw coupling G 1/2"
Pressure ratio	41:1	Suction Connection	RD 32 x 1/8"
Stroke volume per double stroke	49cm ³ / 2,99inch ³	Pressure outlet	Steck-O DN 10 o. OT G 3/8"
Max. operating temperature	60°C	Weight	ca. 84 kg
Liquids	Polyurethan, Silicate resin		
Max. flow rate	ca. 8 l/min on free outlet		
For information of flow rates at the different pressure stages please refer to the performance graph.			
Air piston diameter	160 mm		
High-pressure piston diameter	25 mm		
Dimensions	Height 430 mm	Width 500 mm	Length 1120 mm

Within the specified technical features and performance data, engineering and design of our products are subject to change. To all products and services our general terms and conditions, incl. Product liability, apply exclusively. (mts Perforator, Technical Data Sheet GSF35-2 PU-N, Rev. 10/2018).

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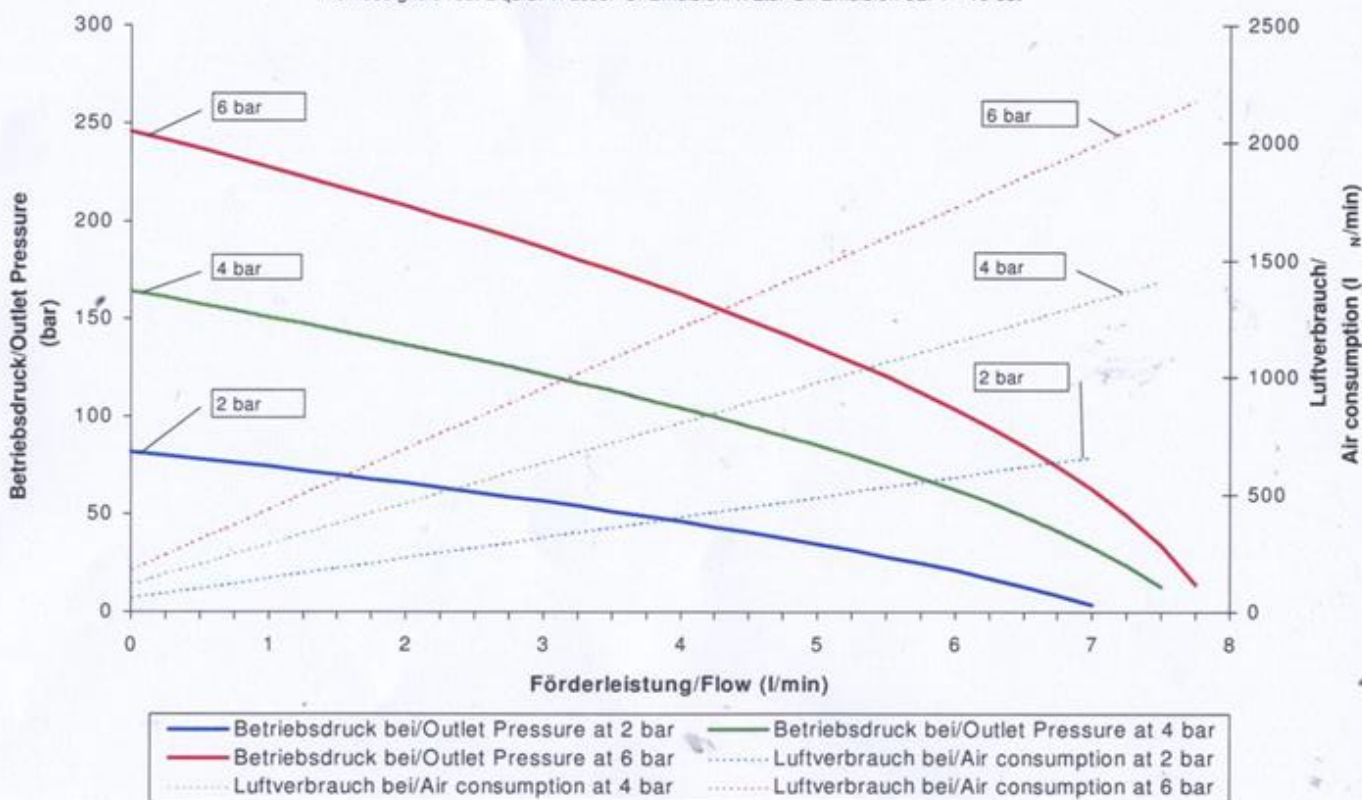
INJECTION TECHNIQUE

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Leistungsdiagramm/Performance Graph GSF 35 -2PU

Prüfflüssigkeit/Test Liquid: Wasser-Öl-Emulsion/Water Oil Emulsion ca. 1 - 10 cst



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