

TPH-INJECT PS 5-II



Properties:

TPH-INJECT PS 5-II is a pneumatically driven, single-acting piston pump that is operating according to the pressure intensifier principle. The surface ratio of drive piston to high-pressure piston yields a pressure ratio of 1 : 34 for this type.

The pump consists of a pneumatically actuated drive part and a high-pressure part. Both are connected to each other by a piston rod. The two parallel high-pressure pistons are linked through a yoke and arranged at the end of this piston rod.

This separation of drive and high-pressure parts makes sure that no pumping medium can get into the compressed air drive part in case of leakage at the high-pressure sealing.

The piston rods are made of hard-chrome plated stainless steel and have a high endurance. The valve seats are made of tempered steel and the sealings of wear-resisting PTFE.

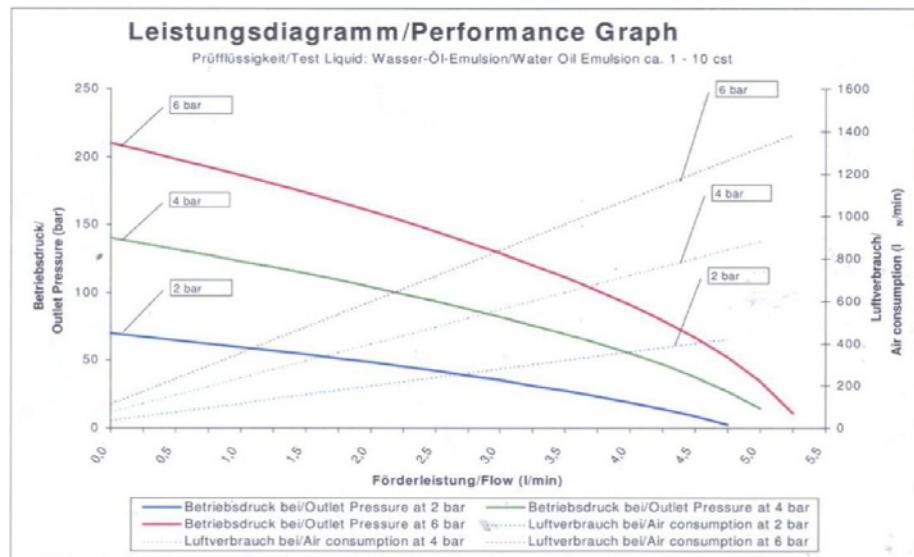
Technical Data:

Engine gear ratio air motor	:	approx. 1 : 34
Driving pressure	:	1 - 5 bar
Maximum working pressure	:	170 bar
Mixing ratio	:	1 : 1
Volume flow per double stroke	:	34 ml
Maximum flow rate	:	approx. 5.5 l/min
Dimensions	:	width 63 x depth 20 x height 32 cm
Weight	:	approx. 28 kg
Effective air demand	:	see performance graph
Length of high-pressure hose package	:	10 m
Compression head	:	2-link mechanics

Processing:

TPH-INJECT PS 5-II is suitable for the injection of polyurethane and silicate resins in a mixing ratio of 1 : 1.

For information on using the pump please refer to the operation instructions of *TPH-INJECT PS 5-II*.



Safety information:

Wear protective gloves, protective clothing and eye or face protection during injection work.

Before operation start-up the injection machine it is necessary to inform about the safety instructions. For further information please refer to the operation instructions.

Packaging:

Injection pump (ready-to-use)
inclusive high-pressure hose package and compression head

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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