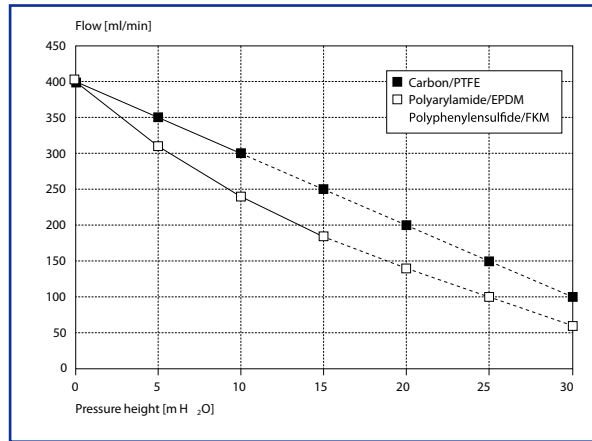


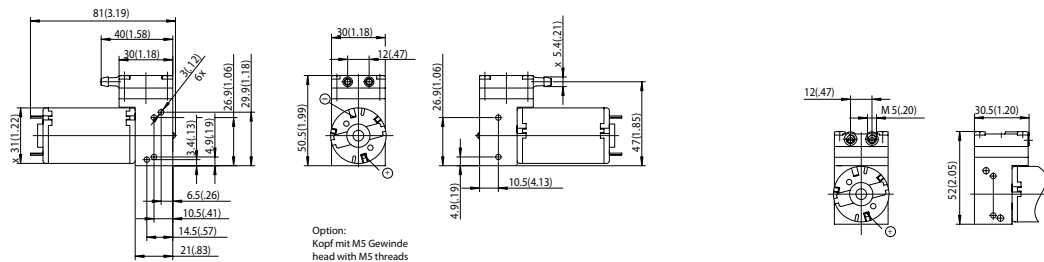
Diaphragm Pumps

Languages > 

Diaphragm liquid pump 5002F Technical data



The information presented in this material is based on technical data and test results of nominal units. It is believed to be accurate and reliable and is offered as an aid to help in the selection of products. It is the responsibility of the user to determine the suitability of the product for the intended use and the user assumes all risk and liability whatsoever in connection therewith. Esska.de does not warrant, guarantee or assume any obligation or liability in connection with this information.



Hydraulic Data

Type	Polyarylamide/EPDM	Polyphenylensulfide/FKM	Carbon/PTFE
Part number	251550021402	251550021413	251573040001
	251550021412	251550021414	251574040001
Free flow at U _n	400 ml/min	400 ml/min	400 ml/min
Max. pressure height at U _n	40 m H ₂ O	40 m H ₂ O	40 m H ₂ O
Working range	up to 15 m H ₂ O	up to 15 m H ₂ O	up to 10 m H ₂ O
Suction height (dry)	6 m H ₂ O	6 m H ₂ O	5 m H ₂ O

Electrical Data

Motor	Permanent magnet	Permanent magnet	Permanent magnet
Nominal voltage	12/24 V DC	12/24 V DC	12/24 V DC
Nominal speed	3000 rpm	3000 rpm	3000 rpm
Nominal current	0,4/0,2 A	0,58/0,29 A	0,58/0,29 A
Starting current	1,7/0,85 A	1,7/0,85 A	1,7/0,85 A
Power consumption max.	5 W	7 W	7 W
Insulation class	A	A	A
Protection class	IP20	IP20	IP20
EMC protection	Basic EMC filter (2L)	Basic EMC filter (2L)	Basic EMC filter (2L)

General Data

Ambient temperature	0 to 40 °C	15 to 40 °C	15 to 40 °C
Temperature range - medium	0 to 70 °C	15 to 70 °C	15 to 70 °C
Motor housing temperature	max. 105 °C	max. 105 °C	max. 105 °C
Weight	0,19 kg	0,19 kg	0,19 kg

Wetted Parts

Pump head	Polyarylamide (PA)	Polyphenylensulfide (PPS)	Carbon (Ridurid)
Diaphragm	EPDM	FPM	PTFE
Valves	EPDM	FPM	FFPM

The technical data are based using a PVC-tubing, Ø 4 x 1,5 mm, 1 m length, 65° Sh.
The use of a different tubing will change the flow.

* Changes and mistakes expected, prices plus packing and VAT.