

Lutz Double Diaphragm Pumps


Model 1/4" Bolted Version (non-metallic)

Operating data / Dimensions / Weights			
	DMP 1/4" PP	DMP 1/4" Kynar®	DMP 1/4" Nylon
Housing material:	Polypropylene	Kynar®	Nylon
Diaphragm materials:	Geolast®, Santoprene®, Teflon®	Teflon®	Teflon®, Santoprene®
Valve material:	Teflon®	Teflon®	Teflon®
Seals:	Geolast®, Santoprene®, Teflon®	Teflon®	Teflon®, Santoprene®
Flow rate:	16 l/min.	16 l/min.	16 l/min.
Volume per stroke:	23 cm³	23 cm³	23 cm³
Suction lift dry:	6 m	6 m	6 m
Suction lift Teflon®:	5 m	5 m	5 m
Operating pressure:	max. 6.8 bar	max. 6.8 bar	max. 6.8 bar
Temperature limits:	66 °C	93 °C	66 °C
Solids handling:	max. ø 1.6 mm	max. ø 1.6 mm	max. ø 1.6 mm
Air inlet:	1/4" NPSF female (G 1/2 BSP female) ¹⁾	1/4" NPSF female (G 1/2 BSP female) ¹⁾	1/4" NPSF female (G 1/2 BSP female) ¹⁾
Air outlet:	1/4" NPSF female	1/4" NPSF female	1/4" NPSF female
Suction:	1/4" BSP female	1/4" BSP female	1/4" BSP female
Discharge:	1/4" BSP female	1/4" BSP female	1/4" BSP female
Weight:	2.3 kg	3.2 kg	2.3 kg

Material description:

Geolast®	= NBR/PP-compound
Kynar®	= PVDF = Polyvinylidenfluoride
Nylon	= PA = Polyamide-compound
Polypropylene	= PP
Santoprene®	= EPDM/PP-compound
Teflon®	= PTFE = Polytetrafluorethylene

¹⁾if the air flow control valve is used (not included in the delivery extent – see page 190).

Type	Materials of construction		Order No.
	Housing	Diaphragm, Seals	
DMP 1/4" PPB Geolast®	PP	Geolast®	5700-000
DMP 1/4" PPE Santoprene®	PP	Santoprene®	5700-020
DMP 1/4" PPT Teflon®	PP	Teflon®	5700-040
DMP 1/4" KNT Teflon®	Kynar®	Teflon®	5700-100
DMP 1/4" NT Teflon®	Nylon	Teflon®	5700-060
DMP 1/4" NEC Santoprene®	Nylon	Santoprene®	5700-180
DMP 1/4" NTC Teflon®* 	Nylon	Teflon®	5700-140

*conductive version Ex II 2G CT4

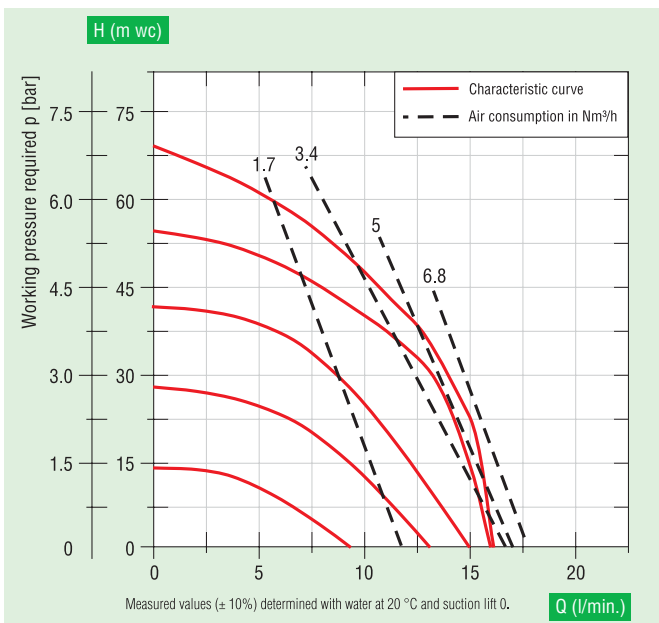
Teflon® and Viton® are registered Trademarks of DuPont Dow Elastomers. Kynar® is a registered Trademark of Pennwalt Corp. Santoprene® is a registered Trademark of Monsanto Company. Geolast® is a registered Trademark of Advanced Elastomer Systems.

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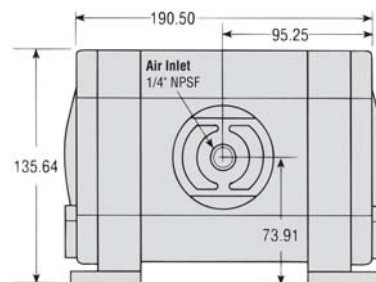
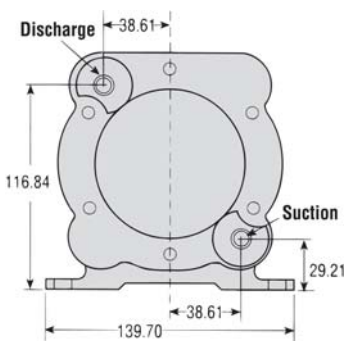
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Typical application:

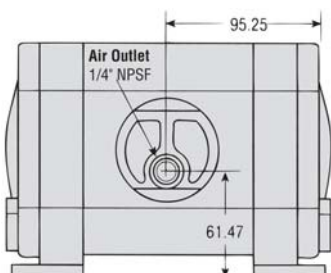
For the laboratory sector, small plants, requirements with small delivery volume at relatively high pressure



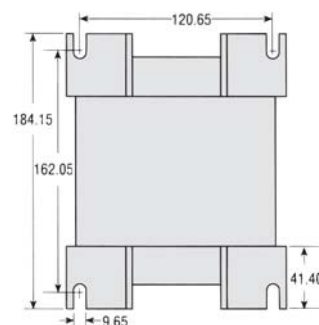
Suitable range of accessories see pages 186 - 197.



Front View



Rear View



Mounting Positions

Individual datasheets on request. Dimensions in mm