

# Lutz Double Diaphragm Pumps

## Model 1 1/2" Bolted Version (non-metallic)

### Operating data / Dimensions / Weights

	DMP 1 1/2" PP	DMP 1 1/2" Kynar®
Housing material:	Polypropylene	Kynar®
Diaphragm materials:	Geolast®, Teflon®, Santoprene®	Teflon®, Santoprene®
Valve ball materials:	Geolast®, Teflon®, Santoprene®	Teflon®, Santoprene®
Seals:	Geolast®, EPDM, Teflon®	Teflon®
Valve seat:	Polypropylene	Kynar®
Flow rate:	492 l/min.	492 l/min.
Volume per stroke:	2385 cm <sup>3</sup>	2385 cm <sup>3</sup>
Suction lift dry:	4.5 m	4.5 m
Suction lift Teflon®:	3 m	3 m
Operating pressure:	max. 8.2 bar	max. 8.2 bar
Temperature limits:	66 °C	93 °C
Solids handling:	max. ø 6.4 mm	max. ø 6.4 mm
Air inlet:	3/4" NPT female (3/4" BSP female) <sup>1)</sup>	3/4" NPT female (3/4" BSP female) <sup>1)</sup>
Air outlet:	3/4" NPT female	3/4" NPT female
Suction:	Flange DIN DN 40 PN 10/ ANSI B16.5 1 1/2" 150 PSI	Flange DIN DN 40 PN 10/ ANSI B16.5 1 1/2" 150 PSI
Discharge:	Flange DIN DN 40 PN 10/ ANSI B16.5 1 1/2" 150 PSI	Flange DIN DN 40 PN 10/ ANSI B16.5 1 1/2" 150 PSI
Weight:	21 kg	29.5 kg

<sup>1)</sup>if the air flow control valve is used (not included in the delivery extent – see accessories).

### Material description:

Geolast®	= NBR/PP-compound
Kynar®	= PVDF = Polyvinylidendifluoride
Polypropylene	= PP
Santoprene®	= EPDM/PP-compound
Teflon®	= PTFE = Polytetrafluorethylene

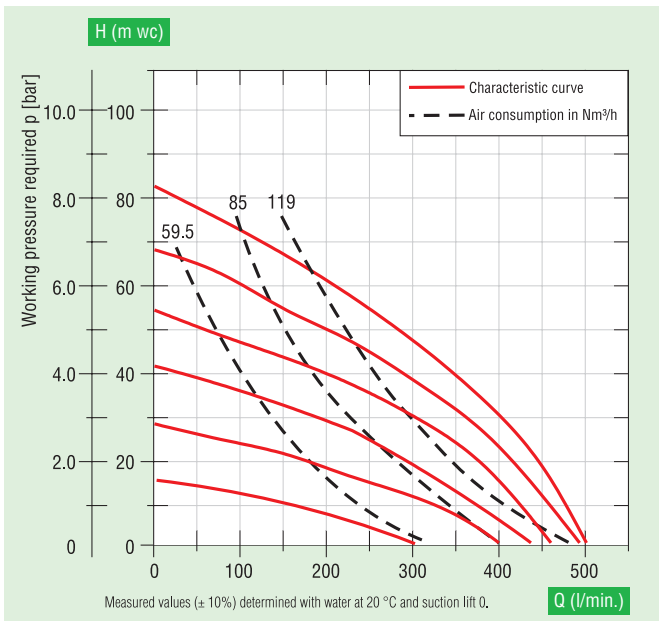
Type	Materials of construction		Order No.
	Housing	Diaphragm, Valve balls, Seals	
DMP 1 1/2" PPB PP/Geolast®	PP	Geolast®	5703+000
DMP 1 1/2" PPT PP/Teflon®	PP	Teflon®	5703+020
DMP 1 1/2" PPE PP/Santoprene®	PP	Santoprene®	5703+100
DMP 1 1/2" KNE PVDF/Santoprene®	Kynar®	Santoprene®	5703+070
DMP 1 1/2" KNT PVDF/Teflon®	Kynar®	Teflon®	5703+080

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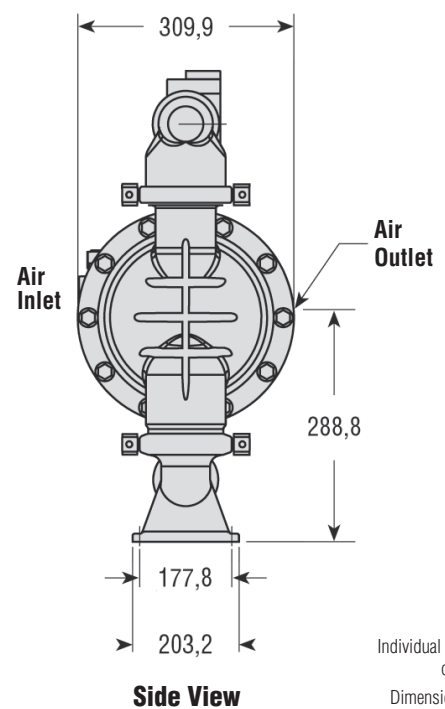
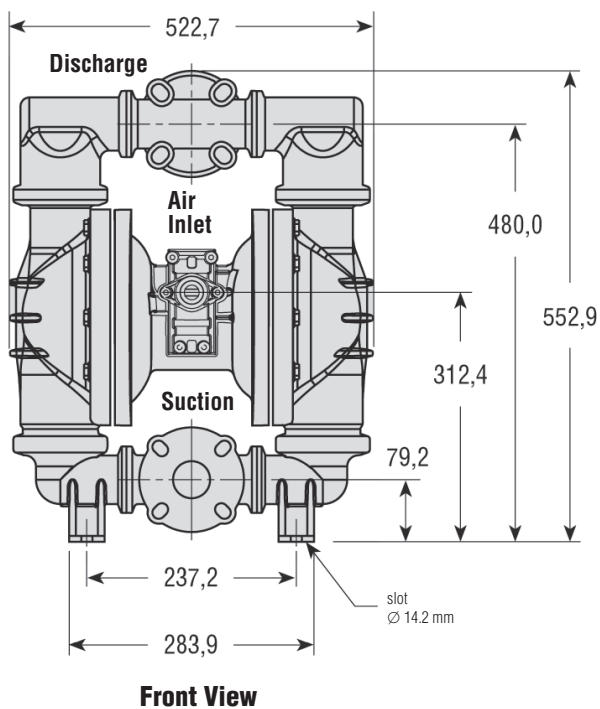
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### Typical application:

Filter press, tank cleaning systems, pigments and resins



Suitable range of accessories  
see general catalogue.



Individual datasheets  
on request.  
Dimensions in mm