

# Lutz Double Diaphragm Pumps



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

Operating data / Dimensions / Weights		
	DMP 1 1/2" Aluminium	DMP 1 1/2" Stainless Steel
Housing material:	Aluminium	Stainless Steel 1.4404 (316)
Diaphragm materials:	Geolast®, Teflon®, Santoprene®	Geolast®, Teflon®, Santoprene®
Valve ball materials:	Geolast®, Teflon®, Santoprene®	Geolast®, Teflon®, Santoprene®
Seals:	Geolast®, EPDM, Teflon®	Geolast®, EPDM, Teflon®
Valve seat:	PP, Nylon	Stainless Steel
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:	93 °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:	27 kg	60 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
Nylon	= PA = Polyamide-compound
Polypropylene	= PP
Santoprene®	= EPDM/PP-compound
Teflon®	= PTFE = Polytetrafluorethylene
Viton®	= FPM = Fluoro Elastomer

Type	Materials of construction		Order No.
	Housing	Diaphragm, Valve balls, Seals	
DMP 1 1/2" ALB Alu/Geolast®	Aluminium	Geolast®	5713+000
DMP 1 1/2" ALT Alu/Teflon®	Aluminium	Teflon®	5713+020
DMP 1 1/2" ALE Alu/Santoprene®	Aluminium	Santoprene®	5713+040
DMP 1 1/2" ALTS Alu/Teflon®/Santoprene®* 	Aluminium	Teflon® cond./Santoprene®	5713+021
DMP 1 1/2" SSB SS/Geolast®	Stainless Steel	Geolast®	5723+000
DMP 1 1/2" SST SS/Teflon®	Stainless Steel	Teflon®	5723+020
DMP 1 1/2" SSE SS/Santoprene®	Stainless Steel	Santoprene®	5723+040
DMP 1 1/2" SSTS SS/Teflon®/Santoprene®* 	Stainless Steel	Teflon® cond./Santoprene®	5723+021

\*Ex II 2G CT4

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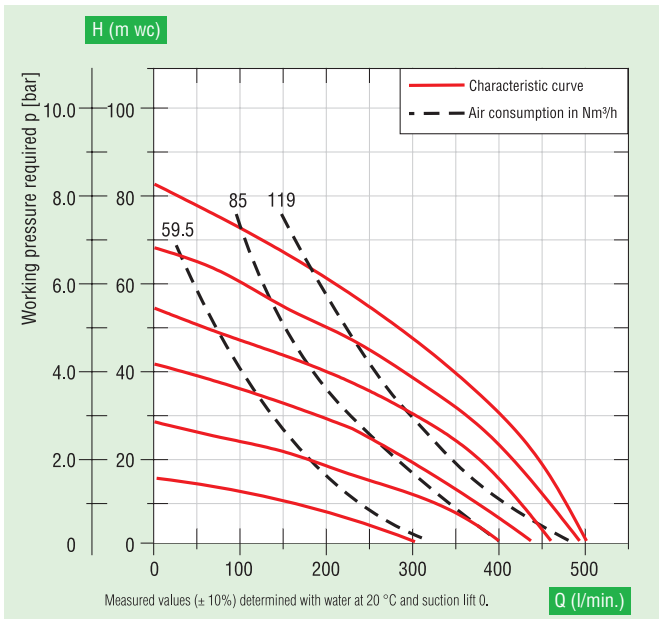


# Lutz Double Diaphragm Pumps

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

### Typical application:

Filter press, tank cleaning systems, pigments and resins



Explosion proof protection  
Suitable range of accessories for avoiding electrostatic charge see general catalogue.

