

Model 1/2" mini non-metallic

The double diaphragm pump is suitable for industrial applications as well as for emptying drums, IBCs and tanks.



Dimensions

PP / PVDF
 A 193 B 209 C 107

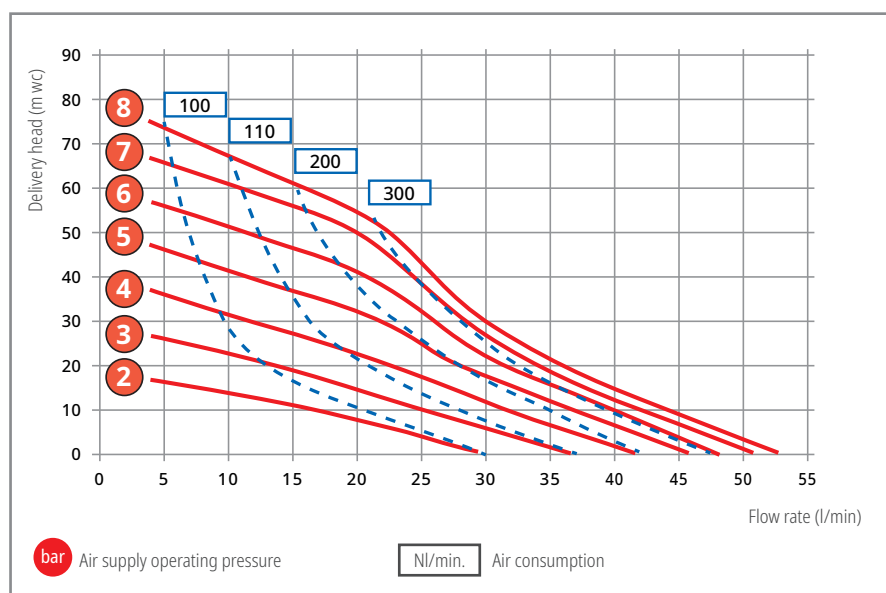
Dimensions in mm
 Detailed dimensioned drawings are available for download on our website.

Pump type	Materials				Order No.
	Housing	Diaphragms	Check balls	Seals	
AODD 1/2" KNTC Ex* 	PVDF (carbon fibre reinforced)	TPV (EPDM-PP) + TFM (PTFE)	PTFE	PTFE	5271-110

*II 2 G Ex h IIB T4 Gb / II 2 D Ex h IIIB T135°C Db

Operating data / dimensions / weights

	AODD 1/2" mini PVDF
Housing material:	Polyvinylidene fluoride (carbon fibre reinforced)
Centre block material:	Polypropylene (carbon fibre reinforced)
Diaphragm material:	TPV (EPDM-PP) + TFM (PTFE)
Valve ball material:	PTFE
Seals:	PTFE
Valve seat:	PVDF
Max. flow rate:	52 l/min.
Max. delivery head:	80 m wc
Max. air pressure:	8 bar
Min. air pressure (start-up):	2 bar
Max. suction head (dry):	4 m wc
Displacement per chamber:	35 cm ³
Displacement per cycle:	70 cm ³
Max. viscosity:	3,500 mPas
Sound pressure level (Lp):	72 dB(A)
Max. temperature:	90 °C
Max. solid size:	ø 3.0 mm
Air inlet:	ø 6 mm
Suction:	1/2" BSP inside thread
Pressure joint:	1/2" BSP inside thread
Weight:	2.0 kg



Description of material:

EPDM	= Ethylene propylene diene rubber
FPM	= Fluorine rubber
NBR	= Acrylonitrile butadiene rubber
PP	= Polypropylene
PTFE	= Polytetrafluoroethylene
TPC-ET	= Thermoplastic polyester elastomer
TFM (PTFE)	= Modified polytetrafluoroethylene
TPV (EPDM-PP)	= EPDM/PP compound