

# P90 - Diaphragm Pump

## Diaphragm pumps

- **Fluid connections:** 3/4" BSP
- **Air connection:** 3/8" BSP
- **Max flow-rate:** 100 lt/min
- **Max air pressure:** 8 bar
- **Max delivery head:** 80 m
- **Max Suction Lift Dry:** 5 m
- **Max Suction Lift Wet:** 9,8 m
- **Max Solid passing:** 4 mm
- **Noise level:** 72 dB
- **Max Viscosity:** 25.000 cps
- **Displacement per stroke:** 140 CC~

## Available versions



PP



PVDF+CF

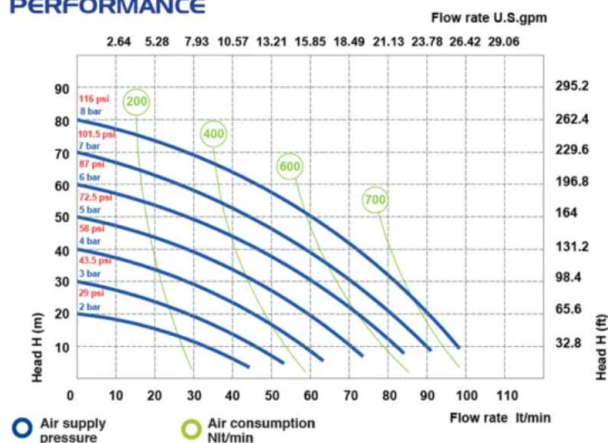


SS



ALUMINUM

### PERFORMANCE

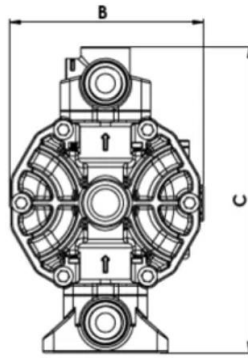
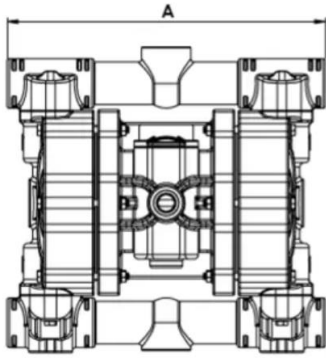


○ Air supply pressure  
○ Air consumption Nl/min

The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C, and vary according to the construction material.

### DIMENSIONS

	A	B	C	WIGHT	TEMPERATURE	
PP	293 mm	176 mm	280 mm	5 Kg	- 4 °C	+ 65 °C
PVDF	293 mm	176 mm	280 mm	6 Kg	- 20 °C	+ 95 °C
ALU	265 mm	178 mm	245 mm	7 Kg	- 20 °C	+ 95 °C
SS	247 mm	178 mm	251 mm	9 Kg	- 20 °C	+ 95 °C



## COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0055	P = PP	HT = HYTREL+PTFE	T = PTFE	P = PP	D = EPDM	1 = BSP	- = zone	AB =
P0100	KC =	MT =	S = SS	K = PVDF	V =	2 = FLANGED	2	STANDARD
	PVDF+CF	SANTOPRENE+PTFE	D =	S = SS	VITON	5 = NPT		
	SS = SS	H = HYTREL	EPDM	Z = PE-	N = NBR			
	A = ALU	M = SANTOPRENE	N = NBR	UHMWE	T = PTFE			
		D = EPDM	A = ALU					
		N = NBR						

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