

# P 170



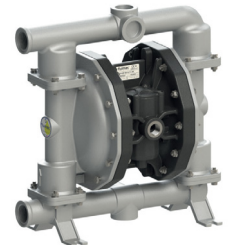
PP



PVDF+CF



ALU (P 160)



SS

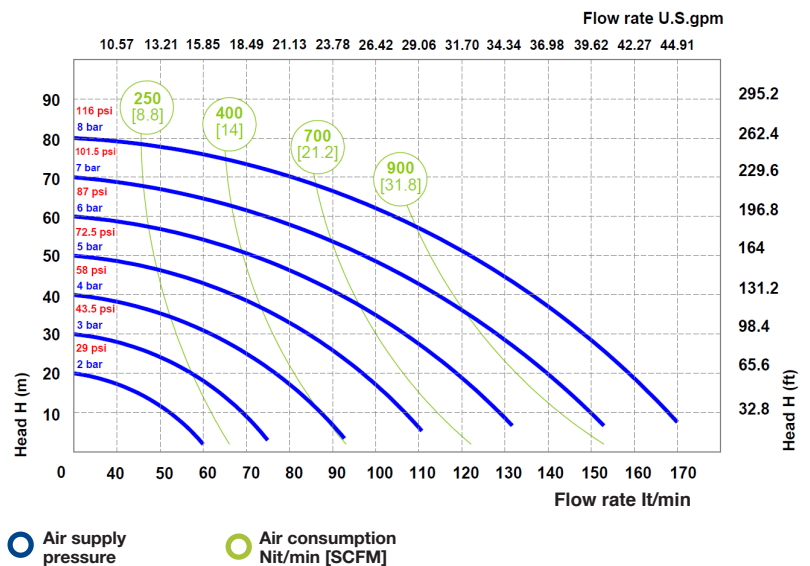
## TECHNICAL DATA

Fluid connections	<b>1" BSPP-DN25</b>
Air connection	<b>1/2" BSPP</b>
Max. Flow rate	<b>170 lt/mm</b>
Max air pressure	<b>8 bar</b>
Max delivery head	<b>80 m</b>
Max Suction Lift Dry	<b>5 m</b>
Max Suction Lift Wet	<b>9,8 m</b>
Max Solid passing	<b>7,5 mm</b>
Noise level:	<b>75 dB</b>
Max Viscosity:	<b>35.000 cps</b>
Displacement per Stroke:	<b>700 CC ~</b>

Ⓢ II 3/3 G Ex h IIB T4 Gc  
 Ⓢ II 3 D Ex h IIB T135°C Dc X

Displacement per stroke may vary based on suction condition, discharge head, air pressure and fluid type.

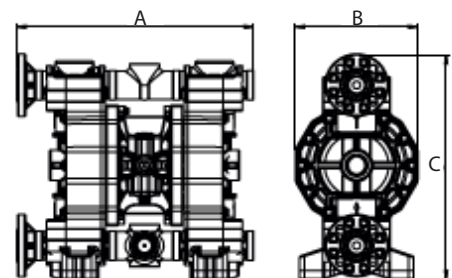
## PERFORMANCE



The curves and performance values refer to pumps with submerged suction and a free delivery outlet with water at 20°C. These data may vary according to the construction materials and hydraulic conditions.

## DIMENSIONS

	A	B	C	Net Weight	Temperature
PP	430 mm	222 mm	414 mm	14,2 kg	- 4 °C   + 65 °C
PVDF	430 mm	222 mm	414 mm	16,2 kg	- 20 °C   + 95 °C
ALU	370 mm	222 mm	364 mm	13,2 kg	- 20 °C   + 95 °C
SS	357 mm	222 mm	371 mm	17,2 kg	- 20 °C   + 95 °C



## COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
<b>P0170</b> <b>P0160</b> <b>(ONLY ALU)</b>	<b>P</b> = PP <b>KC</b> = PVDF+CF <b>S</b> = SS <b>A</b> = ALU	<b>HT</b> = HYTREL+PTFE <b>MT</b> = SANTOPRENE+PTFE <b>H</b> = HYTREL <b>W</b> = SANTOPRENE H.R. <b>D</b> = EPDM <b>N</b> = NBR	<b>T</b> = PTFE <b>S</b> = SS <b>D</b> = EPDM <b>N</b> = NBR	<b>P</b> = PP <b>K</b> = PVDF <b>S</b> = SS <b>Z</b> = PE-UHMWE	<b>D</b> = EPDM <b>V</b> = VITON <b>N</b> = NBR <b>T</b> = PTFE	<b>1</b> = BSP <b>2</b> = FLANGED <b>5</b> = NPT	- = zone 2	<b>AB</b> = STANDARD