

# P 252



PP



PVDF+CF



ALU (P 250)



SS

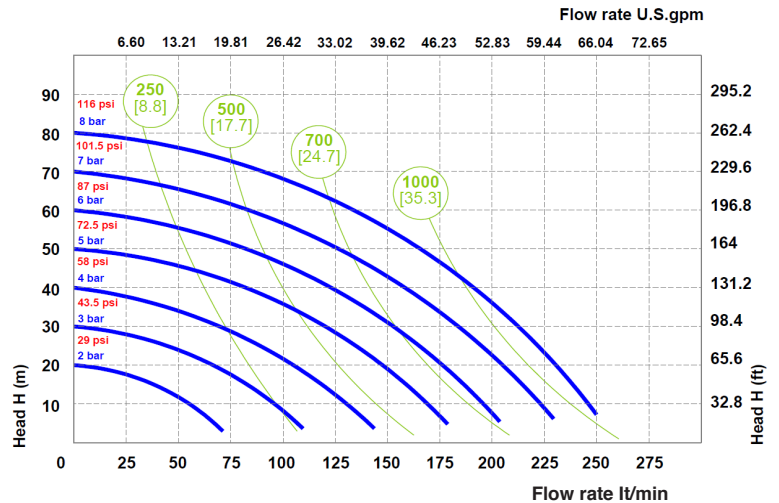
## TECHNICAL DATA

|                          |                    |
|--------------------------|--------------------|
| Fluid connections        | <b>1"1/4" BSPP</b> |
| Air connection           | <b>1/2" BSPP</b>   |
| Max. Flow rate           | <b>250 lt/min</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

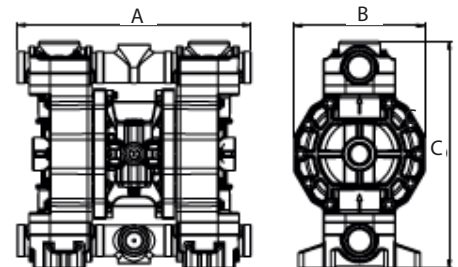


○ Air supply pressure      ○ Air consumption Nit/min [SCFM]

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   | 396 mm | 222 mm | 388 mm | 14,2 kg    | - 4 °C   + 65 °C  |
| PVDF | 396 mm | 222 mm | 388 mm | 16,2 kg    | - 20 °C   + 95 °C |
| ALU  | 370 mm | 222 mm | 365 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>P0252</b><br><b>P0250</b><br><b>(ONLY ALU)</b> | P = PP<br>KC = PVDF+CF<br>S = SS<br>A = ALU | HT = HYTREL+PTFE<br>MT = SANTOPRENE+PTFE<br>H = HYTREL<br>W = SANTOPRENE H.R.<br>D = EPDM<br>N = NBR | T = PTFE<br>S = SS<br>D = EPDM<br>N = NBR | P = PP<br>K = PVDF<br>S = SS<br>Z = PE-UHMWE | D = EPDM<br>V = VITON<br>N = NBR<br>T = PTFE | 1 = BSP<br>A = BSP WITH RING<br>2 = FLANGED<br>5 = NPT<br>E = NPT WITH RING | - = zone 2 | AB = STANDARD |