

# P 1000



PP



PVDF+CF



ALU



SS

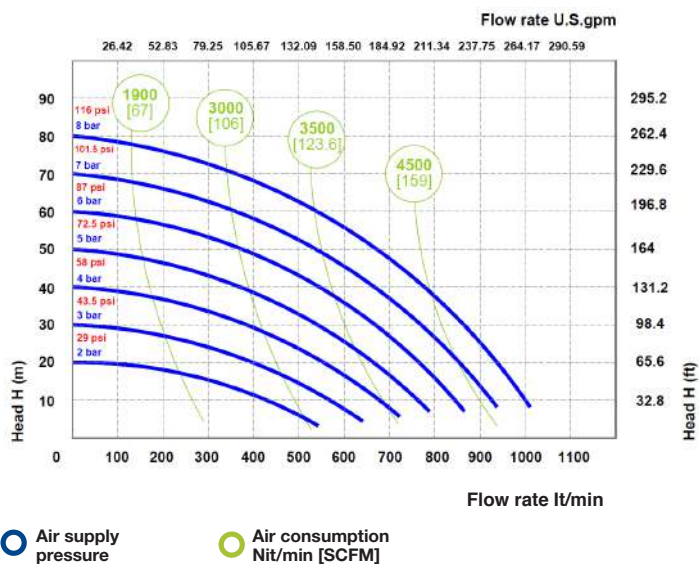
## TECHNICAL DATA

|                          |               |
|--------------------------|---------------|
| Fluid connections        | 3" BSPP-DN 80 |
| Air connection           | 3/4" BSPP     |
| Max. Flow rate           | 1050 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        | 12 mm         |
| Noise level:             | 82 dB         |
| Max Viscosity:           | 55.000 cps    |
| Displacement per Stroke: | 9750 CC ~     |

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.

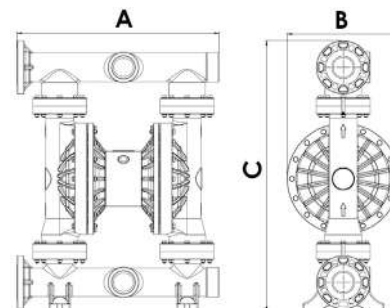
## PERFORMANCE



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   | 780 mm | 417 mm | 1024 mm  | 62 kg      | - 4 °C      | + 65 °C |
| PVDF | 780 mm | 417 mm | 1024 mm  | 77 kg      | - 20 °C     | + 95 °C |
| ALU  | 710 mm | 417 mm | 940 mm   | 84 kg      | - 20 °C     | + 95 °C |
| SS   | 672 mm | 417 mm | 946,5 mm | 122 kg     | - 20 °C     | + 95 °C |



## COMPOSITION

| MODEL | CASING                                      | DIAPHRAGM                                                                                            | BALLS                                     | SEATS                                        | GASKET                                       | CONNECTIONS                       | ATEX       | PORTS         |
|-------|---------------------------------------------|------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------------------|------------|---------------|
| P1000 | 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>2 = FLANGED<br>5 = NPT | - = zone 2 | AB = STANDARD |