P 4

PP

PVDF+CF

POMc

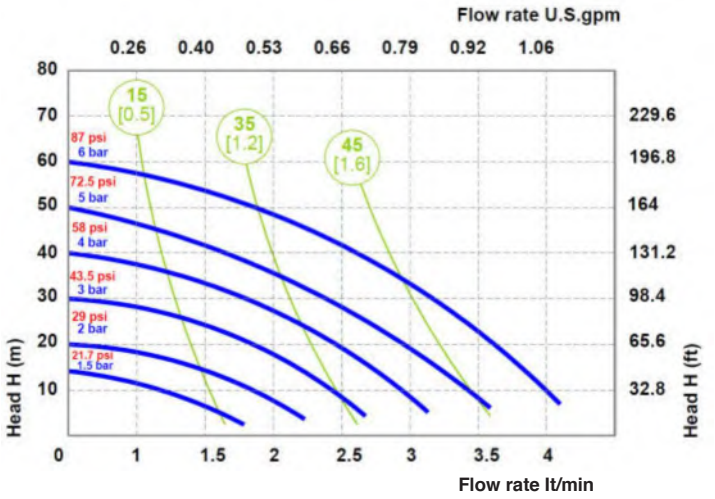
TECHNICAL DATA

Fluid connections	**1/4" BSPP**
Air connection	**1/8" BSPP**
Max. Flow rate	**4 lt/min**
Max air pressure	**6 bar**
Max delivery head	**60 mt**
Max Suction Lift Dry	**3 mt**
Max Suction Lift Wet	**9,8 mt**
Max Solid passing	**2 mm**
Noise level:	**62 dB**
Max Viscosity:	**5000 cps**
Displacement per Stroke:	**18 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



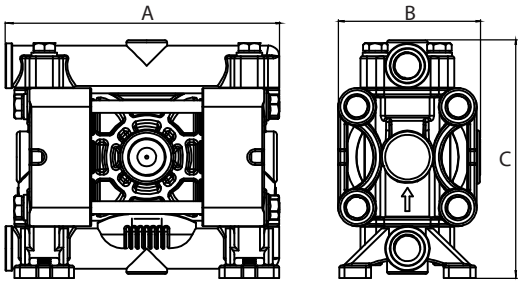
Air supply pressure

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	129 mm	67 mm	112 mm	0,84 kg	- 4 °C	+ 65 °C
PVDF	129 mm	67 mm	112 mm	0,84 kg	- 20 °C	+ 95 °C
POMc	129 mm	67 mm	112 mm	0,84 kg	- 5 °C	+ 80 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0004	**P =** PP **KC =** PVDF+CF **O =** POMc	**NT =** NBR+PTFE	**T =** PTFE **S =** SS	**P =** PP **K =** PVDF **O =** POMc	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 8

PP

PVDF+CF

POMc

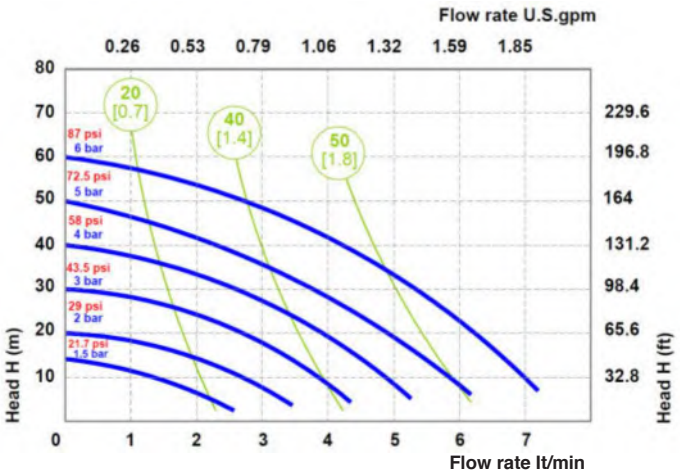
TECHNICAL DATA

Fluid connections	**1/4" BSPP**
Air connection	**1/8" BSPP**
Max. Flow rate	**7 lt/min**
Max air pressure	**6 bar**
Max delivery head	**60 mt**
Max Suction Lift Dry	**3 mt**
Max Suction Lift Wet	**9,8 mt**
Max Solid passing	**2 mm**
Noise level:	**62 dB**
Max Viscosity:	**5000 cps**
Displacement per Stroke:	**18 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



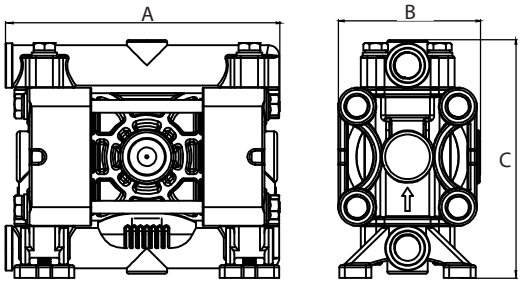
Air supply pressure

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	129 mm	67 mm	112 mm	0,84 kg	- 4 °C	+ 65 °C
PVDF	129 mm	67 mm	112 mm	0,84 kg	- 20 °C	+ 95 °C
POMc	129 mm	67 mm	112 mm	0,84 kg	- 5 °C	+ 80 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0008	**P =** PP **KC =** PVDF+CF **O =** POMc	**NT =** NBR+PTFE	**T =** PTFE **S =** SS	**P =** PP **K =** PVDF **O =** POMc	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 20

PP

PVDF+CF

POMc

SS

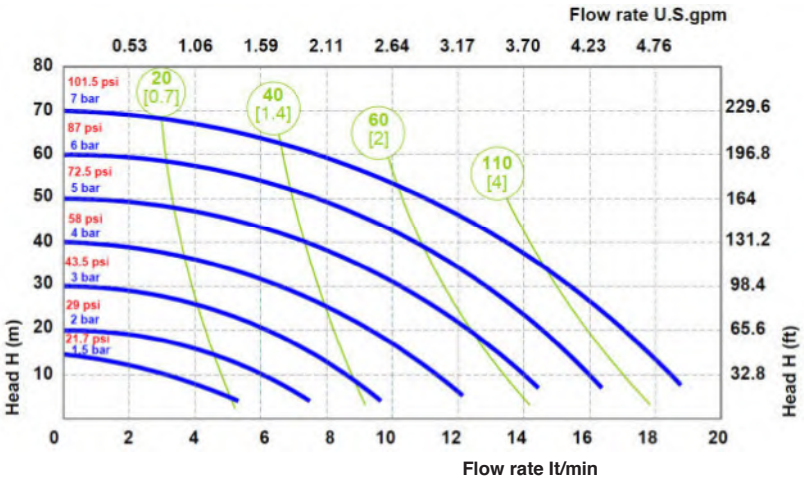
TECHNICAL DATA

Fluid connections	**3/8" BSPP**
Air connection	**1/4" BSPP**
Max. Flow rate	**20 lt/min**
Max air pressure	**7 bar**
Max delivery head	**70 m**
Max Suction Lift Dry	**5 m**
Max Suction Lift Wet	**9,8 m**
Max Solid passing	**2,5 mm**
Noise level:	**65 dB**
Max Viscosity:	**10.000 cps**
Displacement per Stroke:	**30 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



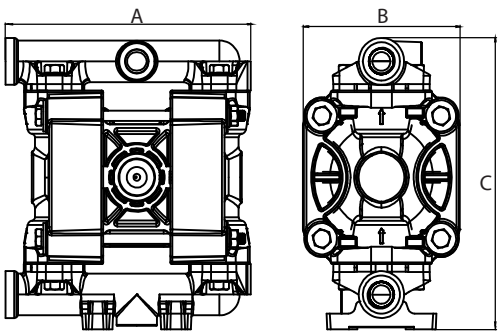
Air supply pressure

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	147 mm	93 mm	170 mm	1,3 kg	- 4 °C	+ 65 °C
PVDF	147 mm	93 mm	170 mm	1,6 kg	- 20 °C	+ 95 °C
POMc	147 mm	93 mm	170 mm	1,5 kg	- 5 °C	+ 80 °C
SS	148 mm	85 mm	152 mm	2,3 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0020	**P =** PP **KC =** PVDF+CF **O =** POMc **S =** SS	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R	**T =** PTFE **S =** SS	**P =** PP **K =** PVDF **O =** POMc **S =** SS	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 35

PP

PVDF+CF

ALU

SS

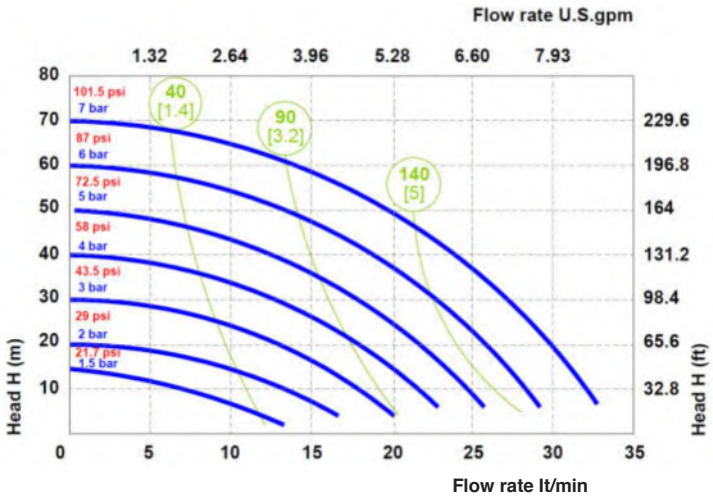
TECHNICAL DATA

Fluid connections	**1/2" BSPP**
Air connection	**1/4" BSPP**
Max. Flow rate	**35 lt/min**
Max air pressure	**7 bar**
Max delivery head	**70 m**
Max Suction Lift Dry	**5 m**
Max Suction Lift Wet	**9,8 m**
Max Solid passing	**3 mm**
Noise level:	**65 dB**
Max Viscosity:	**15.000 cps**
Displacement per Stroke:	**65 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



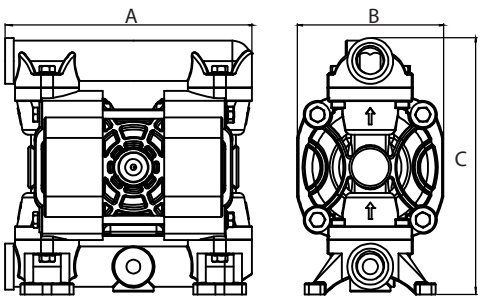
Air supply pressure

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	177 mm	105 mm	186 mm	1,8 kg	- 4 °C	+ 65 °C
PVDF	177 mm	105 mm	186 mm	2,3 kg	- 20 °C	+ 95 °C
ALU	183 mm	110 mm	189 mm	2,8 kg	- 20 °C	+ 95 °C
SS	181 mm	106 mm	192 mm	3,8 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0035	**P =** PP **KC =** PVDF+CF **A =** ALU **S =** SS	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R.	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **O =** POMc **Z =** PE-UHMWE **S =** SS	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 55

PP

PVDF+CF

ALU

SS

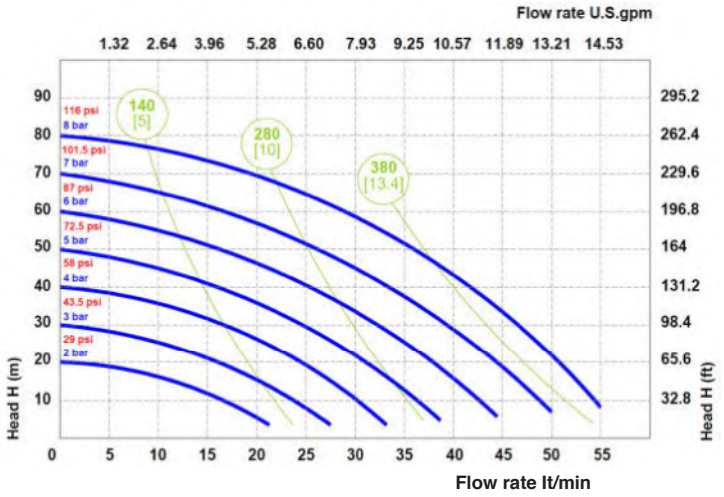
TECHNICAL DATA

Fluid connections	**1/2" BSPP**
Air connection	**1/4" BSPP**
Max. Flow rate	**55 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	**3,5 mm**
Noise level:	**70 dB**
Max Viscosity:	**15.000 cps**
Displacement per Stroke:	**140 CC ~**

Ⓔx II 3/3 G Ex h IIC T4 Gc
Ⓔx II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



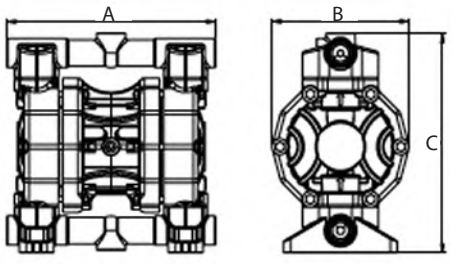
Air supply pressure

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	238 mm	156 mm	249 mm	3,8 kg	- 4 °C	+ 65 °C
PVDF	238 mm	156 mm	249 mm	4,8 kg	- 20 °C	+ 95 °C
ALU	234 mm	156 mm	245 mm	3,8 kg	- 20 °C	+ 95 °C
SS	234 mm	156 mm	269 mm	6,8 kg	- 20 °C	+ 95 °C



COMPOSITION

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

P 60

PP

PVDF+CF

ALU

SS

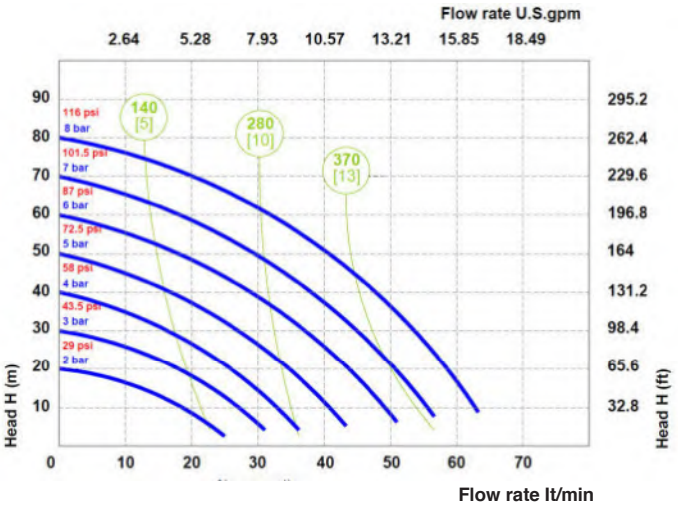
TECHNICAL DATA

Fluid connections	**1/2" BSPP**
Air connection	**1/4" BSPP**
Max. Flow rate	**65 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	**3,5 mm**
Noise level:	**72 dB**
Max Viscosity:	**20.000 cps**
Displacement per Stroke:	**140 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



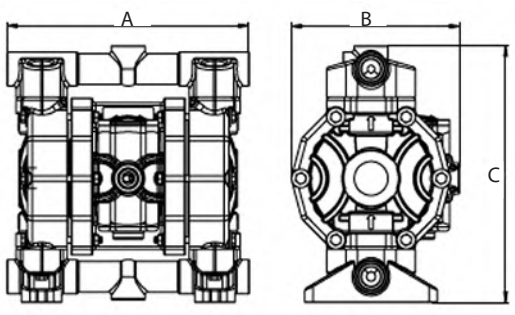
Air supply pressure

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	238 mm	165 mm	249 mm	4,3 kg	- 4 °C	+ 65 °C
PVDF	238 mm	165 mm	249 mm	5,3 kg	- 20 °C	+ 95 °C
ALU	234 mm	165 mm	245 mm	4,3 kg	- 20 °C	+ 95 °C
SS	234 mm	165 mm	269 mm	7,3 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0060	**P =** PP **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **2 =** FLANGED **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 90

PP

PVDF+CF

ALU

SS

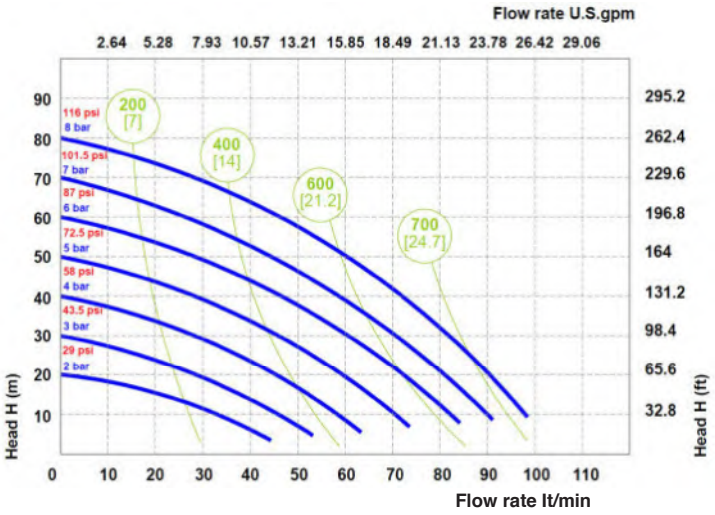
TECHNICAL DATA

Fluid connections	**3/4" BSPP**
Air connection	**3/8" BSPP**
Max. Flow rate	**100 lt/mm**
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:	**200 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



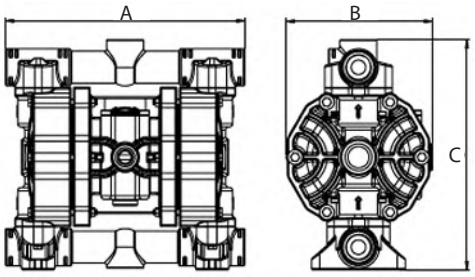
Air supply pressure

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	293 mm	179 mm	267 mm	5,1 kg	- 4 °C	+ 65 °C
PVDF	293 mm	179 mm	267 mm	6,6 kg	- 20 °C	+ 95 °C
ALU	293 mm	178 mm	290 mm	5,6 kg	- 20 °C	+ 95 °C
SS	280 mm	178 mm	291 mm	7,6 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0090	**P** = PP **KC** = PVDF+CF **S** = SS **A** = ALU	**HT** = HYTREL+PTFE **MT** = SANTOPRENE+PTFE **H** = HYTREL **W** = SANTOPRENE H.R. **D** = EPDM **N** = NBR	**T** = PTFE **S** = SS **D** = EPDM **N** = NBR	**P** = PP **K** = PVDF **S** = SS **Z** = PE-UHMWE	**D** = EPDM **V** = VITON **N** = NBR **T** = PTFE	**1** = BSP **A** = BSP WITH RING **2** = FLANGED **5** = NPT **E** = NPT WITH RING	**-** = zone 2	**AB** = STANDARD

P 120

PP

PVDF+CF

ALU

SS

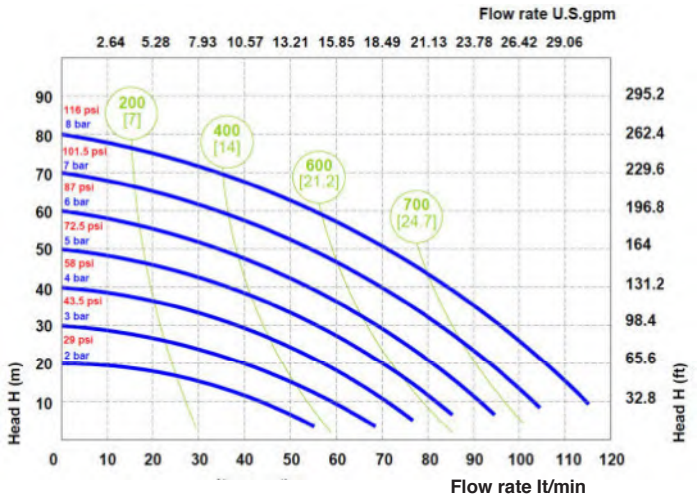
TECHNICAL DATA

Fluid connections	**1" BSPP**
Air connection	**3/8" BSPP**
Max. Flow rate	**120 lt/mm**
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:	**200 CC ~**

Ex II 3/3 G Ex h IIC T4 Gc
Ex II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



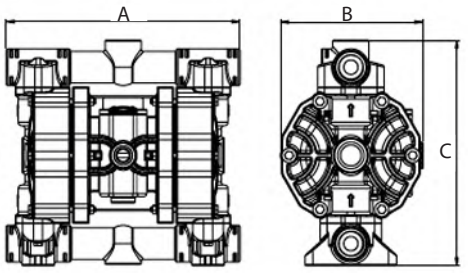
Air supply pressure

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	293 mm	179 mm	280 mm	5,6 kg	- 4 °C	+ 65 °C
PVDF	293 mm	179 mm	280 mm	7,6 kg	- 20 °C	+ 95 °C
ALU	293 mm	178 mm	301 mm	5,6 kg	- 20 °C	+ 95 °C
SS	280 mm	178 mm	291 mm	9,6 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0120	**P =** PP **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **2 =** FLANGED **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 170

PP

PVDF+CF

ALU (P 160)

SS

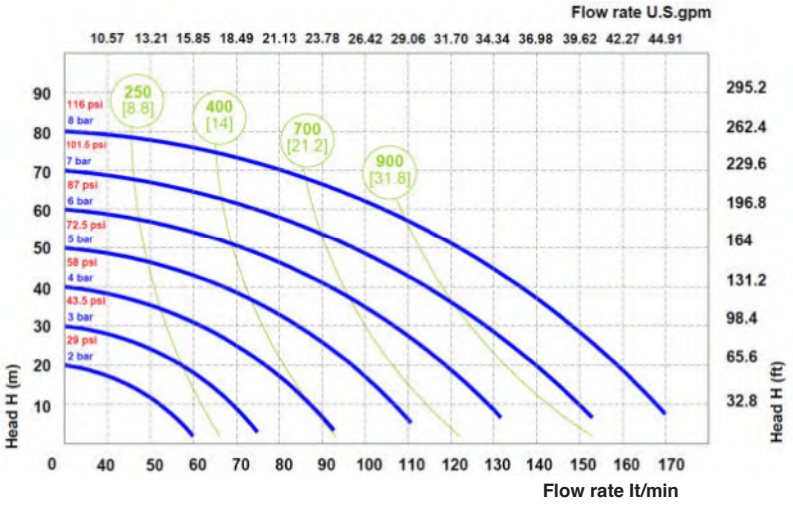
TECHNICAL DATA

Fluid connections	**1" BSPP-DN25**
Air connection	**1/2" BSPP**
Max. Flow rate	**170 lt/mm**
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	**7,5 mm**
Noise level:	**75 dB**
Max Viscosity:	**35.000 cps**
Displacement per Stroke:	**700 CC ~**

Ⓔx II 3/3 G Ex h IIB T4 Gc
Ⓔx II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



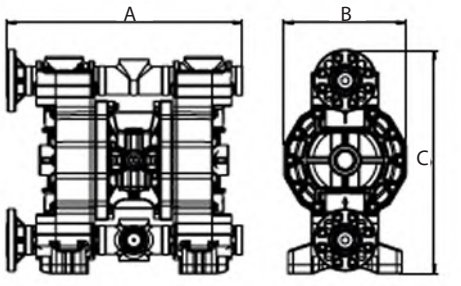
Air supply pressure

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	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
P0170 **P0160** **(ONLY ALU)**	**P =** PP **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **2 =** FLANGED **5 =** NPT	**- =** zone 2	**AB =** STANDARD

P 252

PP

PVDF+CF

ALU (P 250)

SS

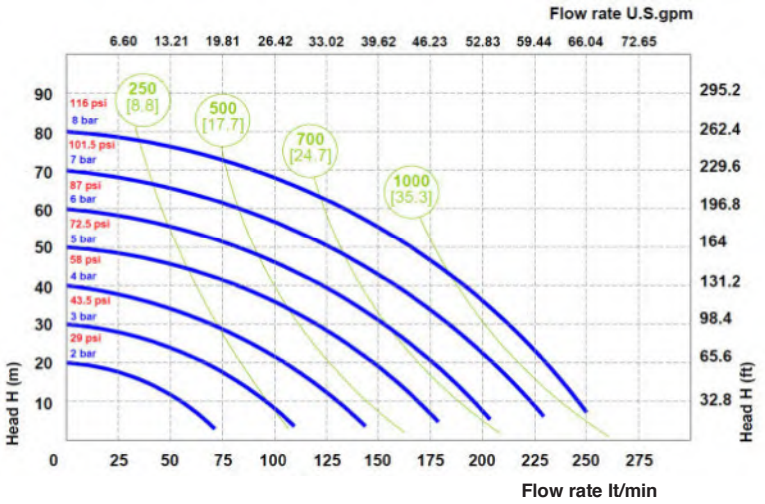
TECHNICAL DATA

Fluid connections	**1"1/4" BSPP**
Air connection	**1/2" BSPP**
Max. Flow rate	**250 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	**7,5 mm**
Noise level:	**75 dB**
Max Viscosity:	**35.000 cps**
Displacement per Stroke:	**700 CC ~**

Ⓔx II 3/3 G Ex h IIB T4 Gc
Ⓔx II 3 D Ex h IIIB T135°C Dc X

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

PERFORMANCE



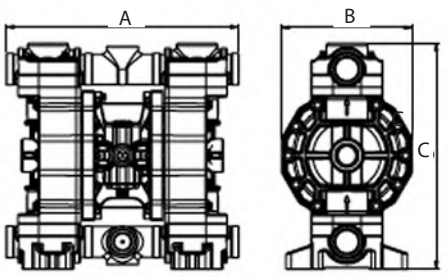
Air supply pressure

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
P0252 **P0250** **(ONLY ALU)**	**P =** PP **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **A =** BSP WITH RING **2 =** FLANGED **5 =** NPT **E =** NPT WITH RING	**- =** zone 2	**AB =** STANDARD

P 400

PP

PVDF+CF

ALU

SS

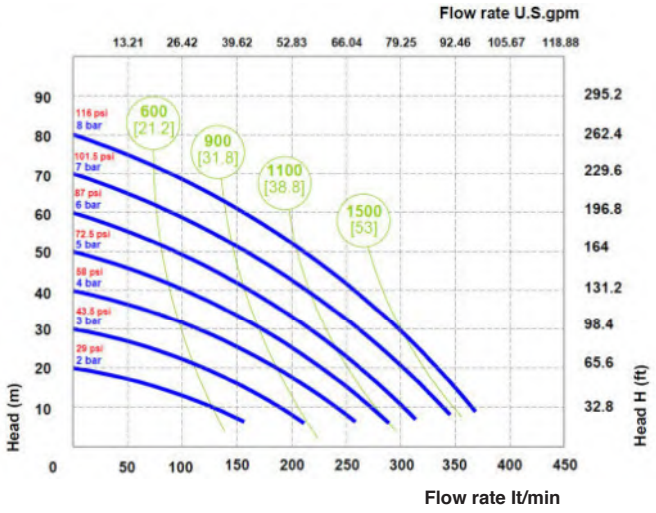
TECHNICAL DATA

Fluid connections	**1”1/2 BSPP-DN 40**
Air connection	**1/2” BSPP**
Max. Flow rate	**380 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	**8 mm**
Noise level:	**78 dB**
Max Viscosity:	**40.000 cps**
Displacement per Stroke:	**1200 CC ~**

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

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

PERFORMANCE



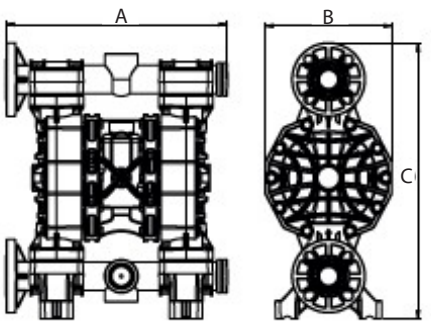
Air supply pressure

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	454 mm	260 mm	564 mm	18,2 kg	- 4 °C	+ 65 °C
PVDF	454 mm	260 mm	564 mm	22,2 kg	- 20 °C	+ 95 °C
ALU	444 mm	260 mm	563 mm	22,2 kg	- 20 °C	+ 95 °C
SS	361 mm	260 mm	502 mm	25,3 kg	- 20 °C	+ 95 °C



COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0400	**P** = PP **KC** = PVDF+CF **S** = SS **A** = ALU	**HT** = HYTREL+PTFE **MT** = SANTOPRENE+PTFE **H** = HYTREL **W** = SANTOPRENE H.R. **D** = EPDM **N** = NBR	**T** = PTFE **S** = SS **D** = EPDM **N** = NBR	**P** = PP **K** = PVDF **S** = SS **Z** = PE-UHMWE	**D** = EPDM **V** = VITON **N** = NBR **T** = PTFE	**1** = BSP **2** = FLANGED **5** = NPT	**-** = zone 2	**AB** = STANDARD **EF** = STANDARD SS

P 700

PP

PVDF+CF

ALU

SS

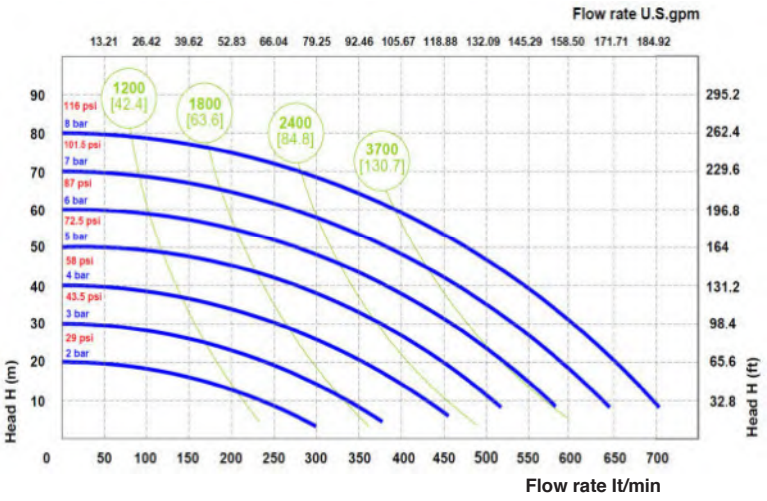
TECHNICAL DATA

Fluid connections	**2” BSPP-DN 50**
Air connection	**3/4” BSPP**
Max. Flow rate	**700 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	**8,5 mm**
Noise level:	**78 dB**
Max Viscosity:	**50.000 cps**
Displacement per Stroke:	**3050 CC ~**

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

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

PERFORMANCE



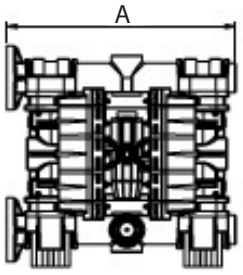
Air supply pressure

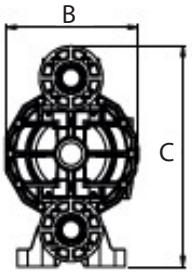
Air consumption Nit/min [SCFM]

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	595 mm	345 mm	570 mm	30,6 kg	- 4 °C	+ 65 °C
PVDF	595 mm	345 mm	570 mm	41,6 kg	- 20 °C	+ 95 °C
ALU	595 mm	340 mm	567 mm	37,6 kg	- 20 °C	+ 95 °C
SS	487 mm	340 mm	599 mm	51 kg	- 20 °C	+ 95 °C





COMPOSITION

MODEL	CASING	DIAPHRAGM	BALLS	SEATS	GASKET	CONNECTIONS	ATEX	PORTS
P0700	**P =** PP **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **2 =** FLANGED **5 =** NPT	**- =** zone 2	**AB =** STANDARD **EF =** STANDARD SS

P 1000

PP

PVDF+CF

ALU

SS

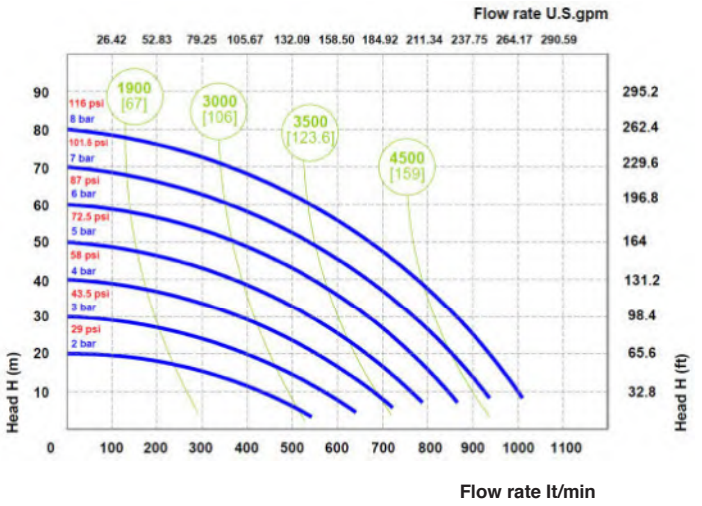
TECHNICAL DATA

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 ~**

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

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

PERFORMANCE



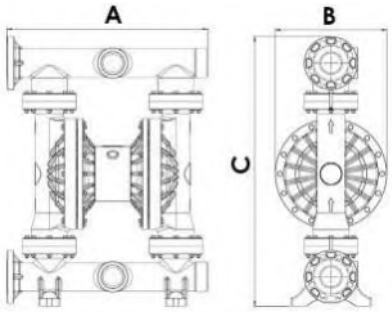
Air supply pressure

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	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 **KC =** PVDF+CF **S =** SS **A =** ALU	**HT =** HYTREL+PTFE **MT =** SANTOPRENE+PTFE **H =** HYTREL **W =** SANTOPRENE H.R. **D =** EPDM **N =** NBR	**T =** PTFE **S =** SS **D =** EPDM **N =** NBR	**P =** PP **K =** PVDF **S =** SS **Z =** PE-UHMWE	**D =** EPDM **V =** VITON **N =** NBR **T =** PTFE	**1 =** BSP **2 =** FLANGED **5 =** NPT	**- =** zone 2	**AB =** STANDARD