

DF30 PLASTIC PUMPS

38 L/MIN (10 US GAL/MIN) - 3/8"

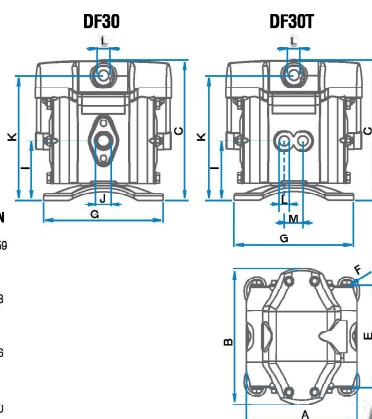
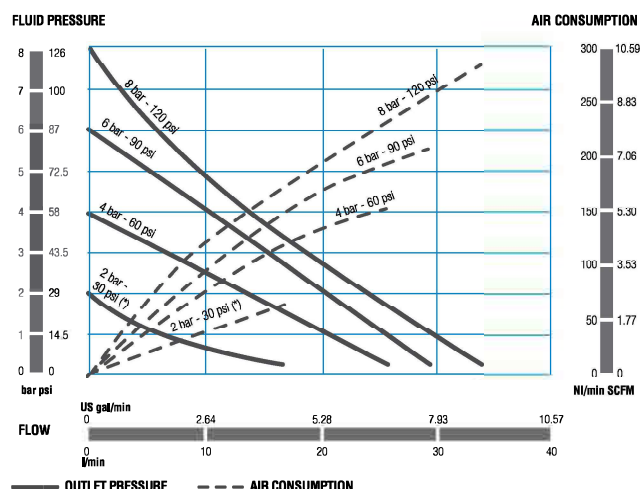
TECHNICAL DATA	DF30 & DF30T PLASTIC PUMPS
Pressure ratio	1:1
Maximum free delivery (1)	38 l/min (10 US gal/min)
Displacement per cycle (2 x strokes) (1)	0,14 litres (0.04 US gal)
Air pressure operating range	1,5 to 8 bar (22 to 115 psi)
Solids in suspension max. size	3 mm (1/8")
Maximum dry suction lift (1)	4 m (13')
Maximum wet suction lift (1)	8 m (26')
Weight	1,9 kg (4.19 lb)
Fluid inlet port	1/2" BSP/NPT (F) 2 x 3/8" BSP/NPT (F) (DF30T)
Fluid outlet port	1/2" BSP/NPT (F)
Air inlet port	3/8" NPSM (F)
Wetted part materials	See pump nomenclature

(1) Data measured with water, air inlet pressure 7 bar (100 psi), 20 °C (68 °F).



PERFORMANCE CHART

(*) 30 psi test with a PTFE (Teflon®) diaphragm pump at room temperature, with water and flooded pump with 31 1/2" (800 mm) height of water above the pump inlet.

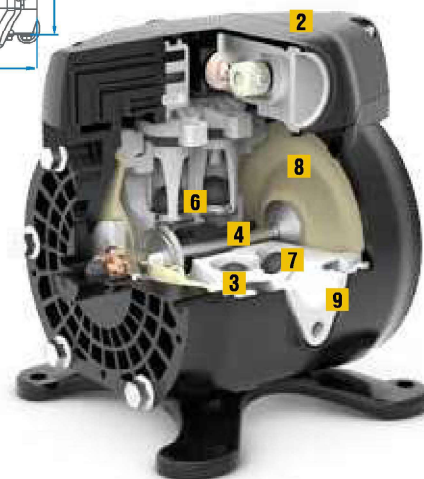


Dimensions (mm)

A	B	C	D	E	F*
130	160	165	105	122	8

G	I	J	K	L	M
140,7	70	1/2" (F)	146	3/8" (F)	24

* Diameter of the holes for fasteners in each of the four pump feet.



PUMP NOMENCLATURE

DF30P - PST - STT - BAS

DF30X - DF30TX		XXX			XXX			XXX	
1 Pump Size	2 Air motor	3 Fluid Body	4 Diaphragm Connecting Rod	5 Seals	6 Seats	7 Balls	8 Diaphragms	9 Fluid Connection Threads	10 Options
DF30 DF30T Dual inlet	 ATEX Certified* P = Conductive Polypropylene	P = Polypropylene W = PVDF ATEX Certified* D = Conductive Acetal	S = Stainless Steel AISI 420 Y = Hastelloy® C	E = EPDM T = PTFE (Teflon®) V = FKM (Viton®)	S = Stainless Steel AISI 316 W = PVDF	C = Acetal S = Stainless Steel AISI 316 T = PTFE (Teflon®)	H = TPE (Hytrel®) M = Santoprene® T = PTFE (Teflon®)	B = BSP N = NPT	AS = Standard BS = Remote air exhaust ES = Externally driven FS = Quiet exhaust

* ATEX Certified versions available Ex II/2 GD IIB/IIC 95 °C.
Not all possible material combinations are available.