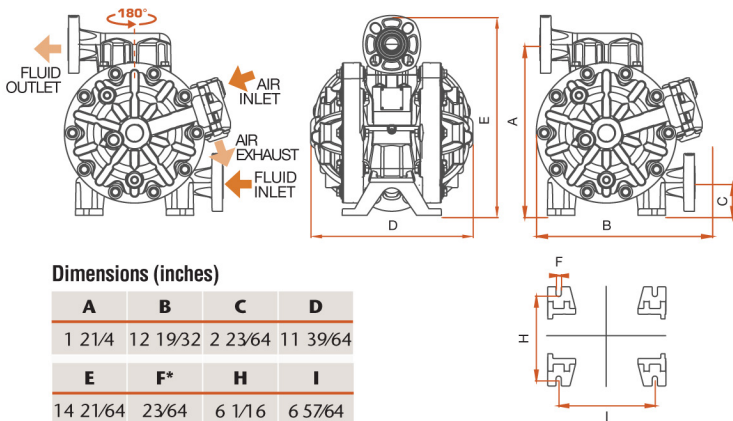


Model 417 Series

TECHNICAL DATA	
Pressure ratio	1:1
Maximum free delivery (1)	53 US gal/min (200 l/min)
Delivery per stroke approx. (1)	0.13 US gal (0,5 liters)
Delivery per cycle (2 x strokes) (1)	0.26 US gal (1 liter)
Air pressure operating range	22 to 115 psi (1,5 to 8 bar)
Solids in suspension max. size	1/4" (6 mm)
Maximum dry suction lift (1)	16' (5 m)
Maximum wet suction lift (1)	26' (8 m)
Weight	23.15 lb (10,5 kg)
Fluid inlet connection	1" DIN PN-10 DN25 flange and ANSI B16.5 1" 150 lb flange
Fluid outlet connection	1" DIN PN-10 DN25 flange and ANSI B16.5 1" 150 lb flange
Air inlet connection	3/8" NPSM (F)
Wetted part materials	See recommended models

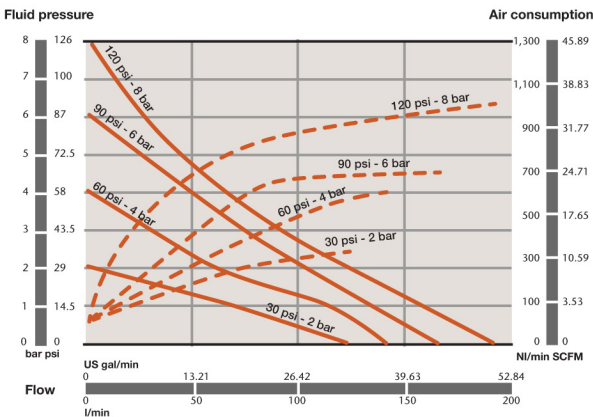
(1) Data measured with water, air inlet pressure 100 psi (7 bar), 68 °F (20 °C).



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

PERFORMANCE CURVES

Tested at room temperature, with water and flooded pump with 31 1/2" (800 mm) height of water above the pump inlet.



(*) 30 psi test with a pump fitted with PTFE (Teflon®) diaphragms.

— Outlet pressure - - - - Air consumption

1"
53 US gal/min
200 l/min

417 PLASTIC PUMP CODING SYSTEM

1	2	3	4	5	6	7	8	9	10
417	P	P	S	E	M	T	M	F	AS

1 PUMP SIZE

1"

2 AIR MOTOR: DIRECTIONAL VALVE & AIR CHAMBER COVERS

P = Polypropylene

3 WETTED PUMP BODY

P = Polypropylene
 B = Conductive Polypropylene (ATEX pump)
 D = Conductive Acetal (ATEX pump)
 W = PVDF
 K = Conductive PVDF (ATEX pump)

4 PUSH ROD

S = Stainless Steel AISI 420
 Y = Hastelloy® C

5 SEALS

V = FKM (Viton®)
 E = EPDM
 T = PTFE (Teflon®)

6 CHECK VALVE SEATS

P = Polypropylene
 C = Acetal
 W = PVDF
 M = Santoprene®
 H = TPE (Hytrell®)

7 CHECK VALVE BALLS

T = PTFE (Teflon®)
 C = Acetal
 S = Stainless Steel AISI 316

8 DIAPHRAGMS

T = PTFE (Teflon®)
 M = Santoprene®
 H = TPE (Hytrell®)

9 FLUID CONNECTION THREADS

F = Flange

10 OPTIONS

AS = Standard pump
 BS = Remote air exhaust *
 DS = Stroke sensor
 FS = Extra muffler

