SALES & ENGINEERING DATA

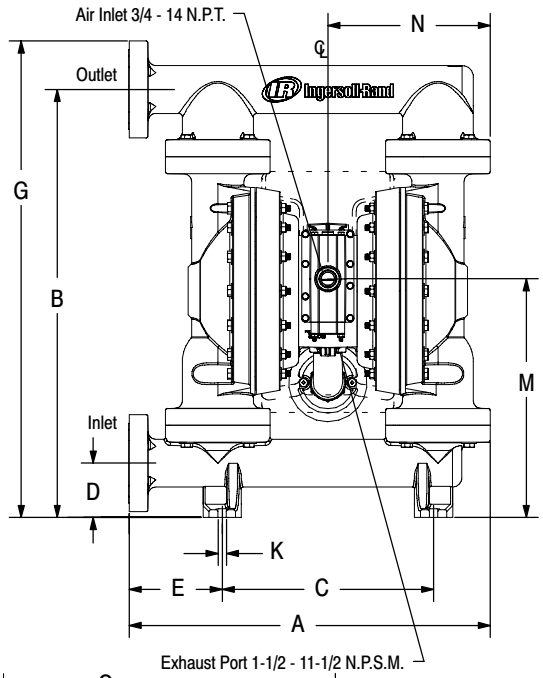
RATIO SERIES:	1:1
FLUID P.S.I. RANGE:	10 - 120

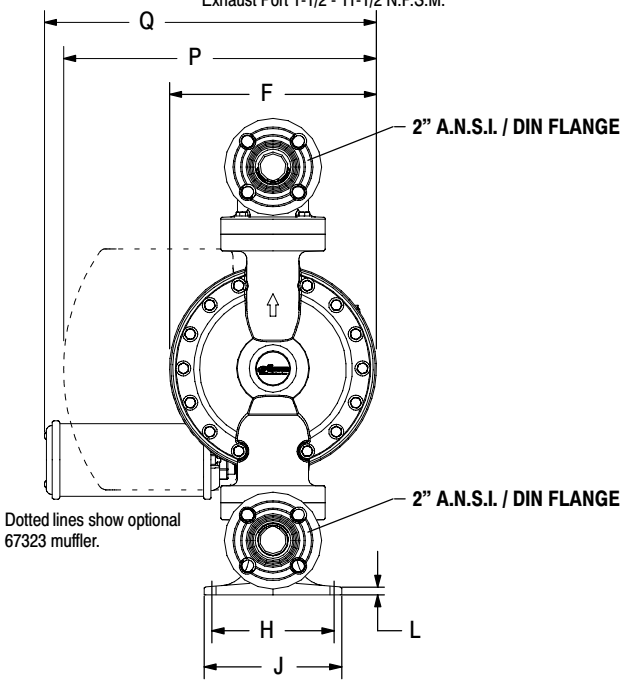
PD20P-FXS-XXX and PE20P-FXS-XXX

2" NON-METALLIC DIAPHRAGM PUMP

RELEASED: 12-16-02
REVISED: 6-9-10
(REV. 06) S-1262

DIMENSIONAL DATA





DIMENSIONS

A	24-3/16" (614.3 mm)	F	13-7/8" (352.0 mm)	L	1/2" (12.7 mm)
B	28-21/32" (728.0 mm)	G	31-29/32" (810.5 mm)	M	16" (405.9 mm)
C	14-5/32" (360.0 mm)	H	8-3/16" (207.8 mm)	N	10-7/8" (276.2 mm)
D	3-5/8" (92.2 mm)	J	9-7/32" (234.2 mm)	P	20-31/32" (532.2 mm)
E	6-1/4" (158.3 mm)	K	9/16" (14.3 mm)	Q	22-1/4" (564.9 mm)

NOTE: Dimensions are shown in inches and (mm) and are supplied for reference only.

SPECIFICATIONS

CONSTRUCTION

Model Series	PD20P-FXS-XXX PE20P-FXS-XXX
Pump Type	Non-Metallic, Air Operated, Double Diaphragm
Ratio	1:1
Material Inlet / Outlet	2" A.N.S.I. / DIN Flange
Air Inlet (female)	3/4 - 14 N.P.T.
Air Exhaust (female)	1-1/2 - 11-1/2 N.P.S.M.
Weight PX20P-FKS-XXX	110.9 lbs (50.3 kgs)
PX20P-FPS-XXX	85.3 lbs (38.7 kgs)
Air Section Service Kit	637369
Fluid Section Service Kit	637373-XX

PX20P-FXS-X X X
637373 - X X
Diaphragm Material
Ball Material

EXAMPLE: Model # PD20P-FKS-KAA
Fluid Section Service Kit is 637373-AA

PERFORMANCE

Air Inlet Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Maximum Material Inlet Pressure	10 p.s.i. (0.69 bar)
Fluid Pressure Range	20 - 120 p.s.i. (1.4 - 8.3 bar)
Maximum Flow Rate (flooded inlet)	184 g.p.m. (696 l.p.m.)
Displacement / Cycle @ 100 p.s.i.	1.4 gal. (5.3 lit.)
Maximum Particle Size	1/4" dia. (6.4 mm)
Maximum Temperature Limits (diaphragm / ball / seal material)	
E.P.R. / EPDM	-60° to 280° F (-51° to 138° C)
Hytrel	-20° to 150° F (-29° to 66° C)
Nitrile	10° to 180° F (-12° to 82° C)
Polypropylene	35° to 150° F (2° to 66° C)
Kynar PVDF	10° to 200° F (-12° to 93° C)
Santoprene	-40° to 225° F (-40° to 107° C)
PTFE	40° to 225° F (4° to 107° C)
Viton	-40° to 350° F (-40° to 170° C)
Noise Level @ 70 p.s.i. - 60 c.p.m.	85.0 db(A)①

① The pump sound pressure level has been updated to an Equivalent Continuous Sound Level (L_{Aeq}) to meet the intent of ANSI S1. 13-1971, CAGI-PNEUROP S5.1 using four microphone locations.

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PERFORMANCE CURVES

PX20P-FXS-XXX 2" NON-METALLIC DIAPHRAGM PUMP

