SALES & ENGINEERING DATA

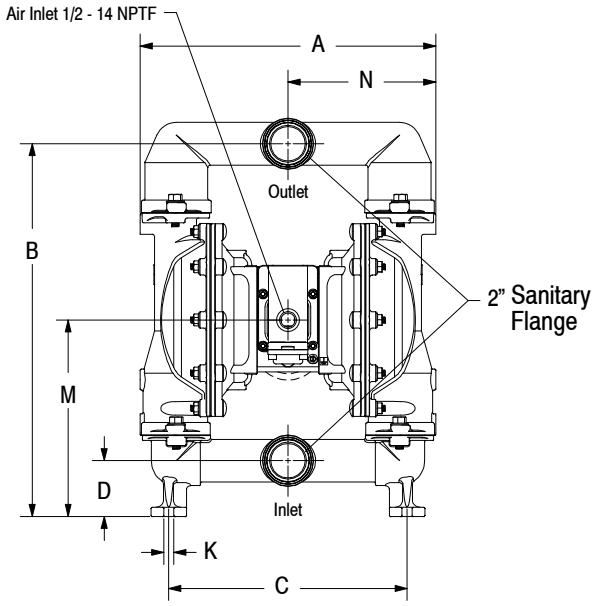
RATIO SERIES:	1:1
FLUID PSIG RANGE:	20 - 120

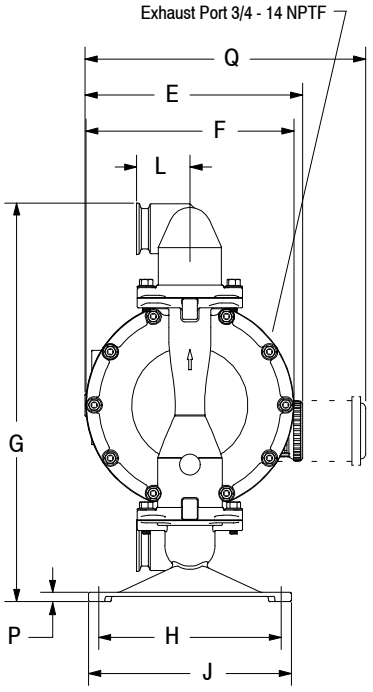
PM15X-CSS-XXX-A02

1-1/2" METALLIC DIAPHRAGM PUMP

RELEASED: 1-7-04
REVISED: 5-1-15
(REV. H) S-1287

DIMENSIONAL DATA





DIMENSIONS

A - 14-9/16" (370.0 mm)	F - 10-1/4" (260.4 mm)	L - 2-5/8" (66.7 mm)
B - 18-3/8" (466.7 mm)	G - 19-21/32" (498.9 mm)	M - 9-11/16" (246.1 mm)
C - 11-3/4" (298.5 mm)	H - 9" (228.6 mm)	N - 7-9/32" (185.0 mm)
D - 2-3/4" (69.9 mm)	J - 10" (254.0 mm)	P - 15/32" (11.4 mm)
E - 10-3/4" (272.4 mm)	K - 1/2" (12.7 mm)	Q - 13-27/32" (351.4 mm)

SPECIFICATIONS

CONSTRUCTION

Model Series	PM15X-CSS-XXX-A02
Pump Type	Metallic, Air Operated, Double Diaphragm
Ratio	1:1
Material Inlet / Outlet	2" Sanitary Flange
Air Inlet (female)	1/2 - 14 NPTF
Air Exhaust (female)	3/4 - 14 NPTF
Weight . . PM15A-CSS-XXX-A02	62.40 lbs (28.30 kgs)
PM15R-CSS-XXX-A02	60.26 lbs (27.33 kgs)
PM15S-CSS-XXX-A02	78.40 lbs (35.56 kgs)
Air Section Service Kit	637389
Major Air Valve Assembly Kit	637390-X
Fluid Section Service Kit	637375-XX

PM15X-CSS-X [X][X] -A02
637375 - [X][X]
Diaphragm Material
Ball Material

EXAMPLE: Model # PM15S-CSS-SAA-A02
Fluid Section Service Kit is 637375-AA

PERFORMANCE

Air Inlet Pressure Range	20 - 120 psig (1.4 - 8.3 bar)
Maximum Material Inlet Pressure	10 psig (0.69 bar)
Fluid Pressure Range	20 - 120 psig (1.4 - 8.3 bar)
Maximum Flow Rate (flooded inlet)	123 gpm (465.6 lpm)
Displacement / Cycle @ 100 psig	0.617 gal. (2.34 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)
Polypropylene	35° to 175° F (2° to 79° C)
Santoprene	-40° to 225° F (-40° to 107° C)
PTFE	40° to 225° F (4° to 107° C)
Noise Level @ 70 psig - 60 cpm	85.0 dB(A)①

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

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PERFORMANCE CURVES

PM15X-CSS-XXX-A02 1-1/2" METALLIC DIAPHRAGM PUMP