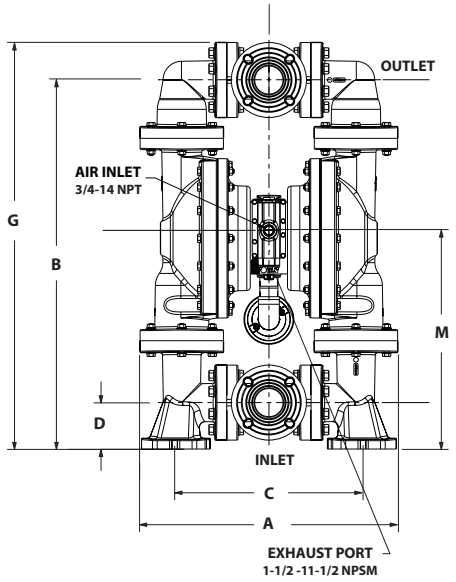
SALES AND ENGINEERING DATA

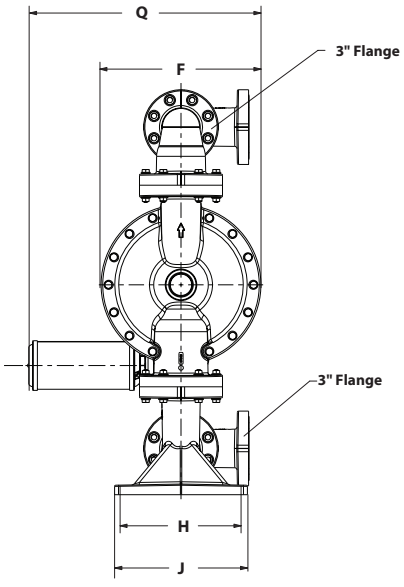
RATIO SERIES:	1:1
FLUID PSIG RANGE:	10 - 120

PX30P-XXX-XXX-AXXX
3" NON-METALLIC DIAPHRAGM PUMP

RELEASED: 2-23-18
REVISED: 01-31-20
(REV: H) S-1604

DIMENSIONAL DATA





3" ANSI Flange Shown

DIMENSIONS

A - 27.14" (689.45 mm)
B - 40.77" (1035.78 mm)
C - 19.86" (504.46 mm)
D - 4.87" (123.82 mm)
F - 16.84" (427.91 mm)
G - 42.70" (1084.63 mm)
H - 12.50" (317.5 mm)
J - 14" (355.6 mm)
M - 22.89" (581.55 mm)
Q - 24.60" (624.84 mm)

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

SPECIFICATIONS

CONSTRUCTION

Model Series PD30P-FXS-XXX
PE30P-FXS-XXX
Pump Type ..... Non-Metallic, Air Operated, Double Diaphragm
Ratio 1:1
Material Inlet / Outlet 3" ANSI / DIN Flange
Air Inlet (female) ..... 3/4 - 14 NPT
Air Exhaust (female) ..... 1-1/2 - 11-1/2 NPSM
Weight ... PX30P-FKS-XXX ..... 242 lbs (109.77 kgs)
PX30P-FPS-XXX ..... 170 lbs (77.11 kgs)
Air Section Service Kit 637369
Fluid Section Service Kits ..... 637447-XX and 637447-XXX

PX30P-FXS-XXX
637447 - XXX — Seat Material (If applicable)
Diaphragm Material
Ball Material

EXAMPLE: Model #PD30P-FKS-KAA
Fluid Section Service Kit is 637447-AA

PERFORMANCE

Air Inlet Pressure Range ..... 20 - 120 psig (1.4 - 8.3 bar)
Maximum Material Inlet Pressure ... 10 psig (0.69 bar)
Fluid Outlet Pressure Range ..... 20 - 120 psig (1.4 - 8.3 bar)
Maximum Flow Rate (flooded inlet) ..... 285 gpm (1079 lpm)
Displacement / Cycle @ 100 psig .... 2.80 gal. (10.6 lit.)
Maximum Particle Size ..... 3/8" dia. (9.5 mm)
Maximum Temperature Limits (diaphragm / ball / seal material)
E.P.R./EPDM ..... -60° to 280° F (-51° to 138° C)
Hytrel® ..... -20° to 180° F (-29° to 82° C)
Nitrile ..... 10° to 180° F (-12° to 82° C)
Polypropylene ..... 32° to 175° F (0° to 79° C)
PVDF (Kynar®) ..... 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 177° C)
Noise Level @ 70 psig - 60 cpm ① .... 85.3 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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- Kynar® is a registered trademark of Arkema Inc.
- Santoprene® is a registered trademark of Monsanto Company, licensed to Advanced Elastomer Systems, L.P.

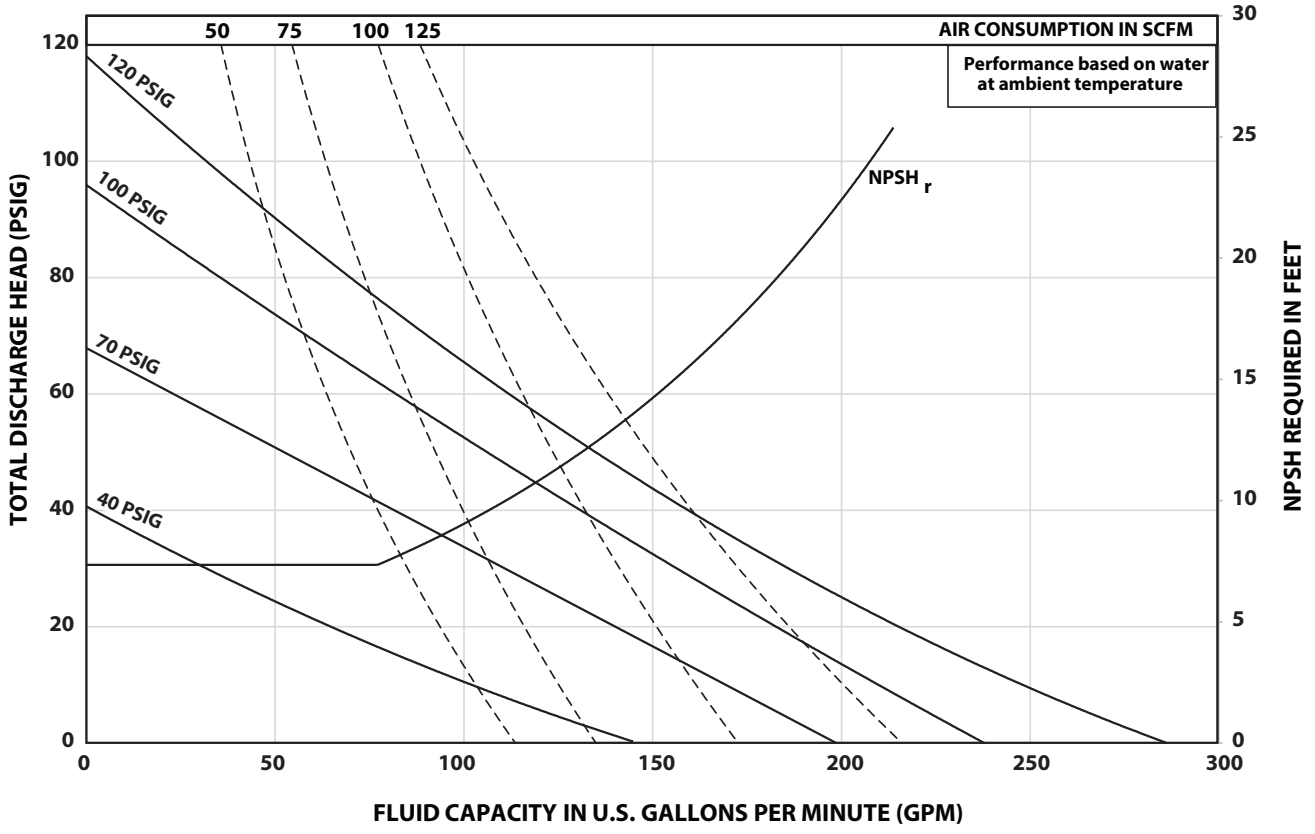
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PERFORMANCE CURVES

PD30X-XXX-XXX-AXXX 3" NON-METALLIC DIAPHRAGM PUMP



PD30X-XXX-XXX-AXXX 3" NON-METALLIC DIAPHRAGM PUMP

