

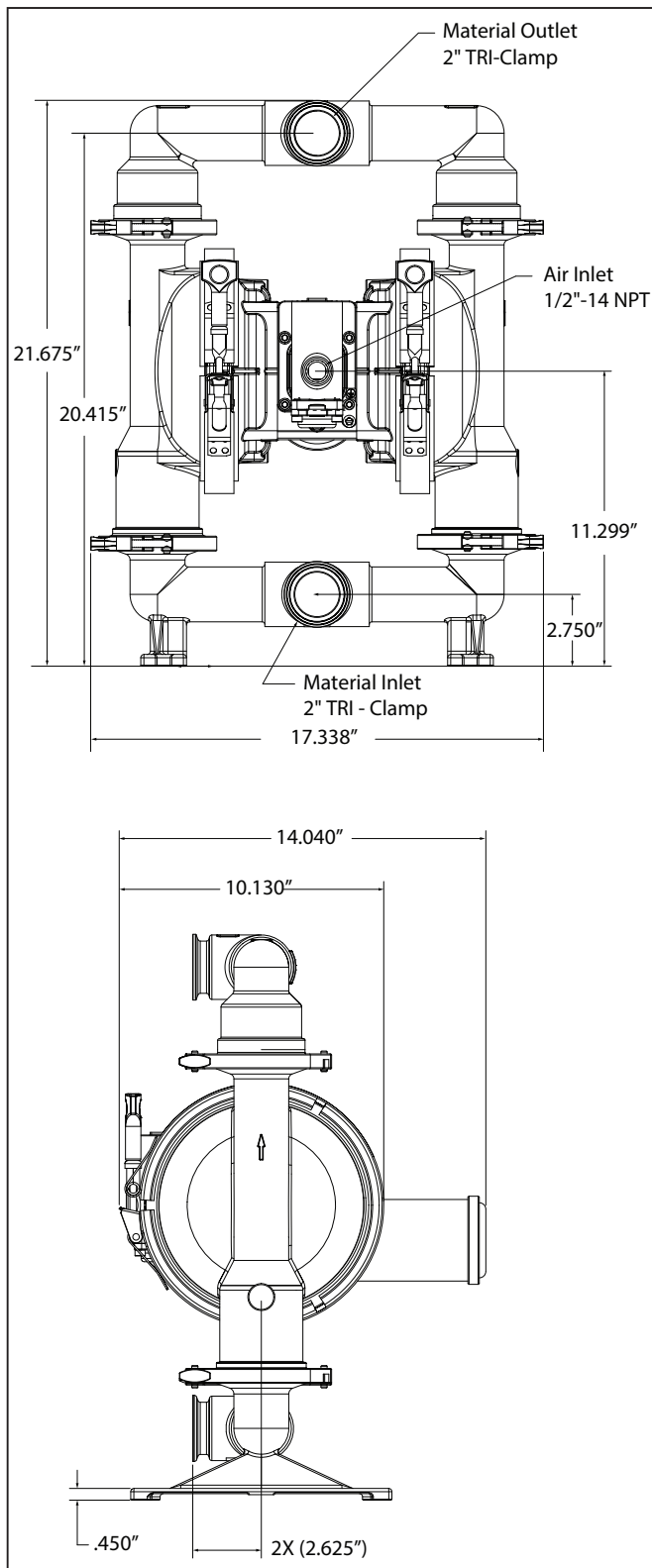
SALES AND ENGINEERING DATA

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

SD15X-XXX-XXX-AXX 1-1/2" METALLIC DIAPHRAGM PUMP

RELEASED: 3-7-25
(REV: A) S-1664

DIMENSIONAL DATA SD15X-XXX-XXX-AXX



SPECIFICATIONS

Model Series SD15X-XXX-XXX-AXX
Pump Type Metallic, Air operated,
Double Diaphragm
Ratio 1:1
Weight
SD15S-XXX-XXX-AXX 72.3 lbs (32.8 kgs)
SD15R-XXX-XXX-AXX 60.18 lbs (27.3 kgs)
Fluid Section Service Kit 637582-XXX
Air Section Service Kit 637584
Major Air Valve Assembly Service Kit
637585 for models SD15S-XXX-XXX-AXX
637585-1 for models SD15R-XXX-XXX-AXX

SD15X-XXX-XXX-AXX

Example: Models SD15S-CSS-S M M-AXX 637582-~~XXX~~
Fluid Section Service Kit # 637582-MM Ball-~~L~~ Diaphragm

PERFORMANCE

Maximum Air Inlet Pressure 120 psig (8.3 bar)
Maximum Material Inlet Pressure... 10 psig (0.69 bar)
Maximum Outlet Pressure 120 psig (8.3 bar)
Maximum Flow Rate 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 Suction Lift (Dry Inlet)..... 16.4 ft (5.0 m) water
Maximum Suction Lift (Flooded Inlet) .. 31 ft (9.5 m) water
Maximum Temperature Limits (Diaphragm / Ball / Seal material)
Santoprene® -40° to 225° F (-40° to 107° C)
PTFE 40° to 225° F (4° to 107° C)
Noise Level @ 70 psig, 60 cpm 80.6 dB(A)①

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

INGERSOLL RAND COMPANY INC

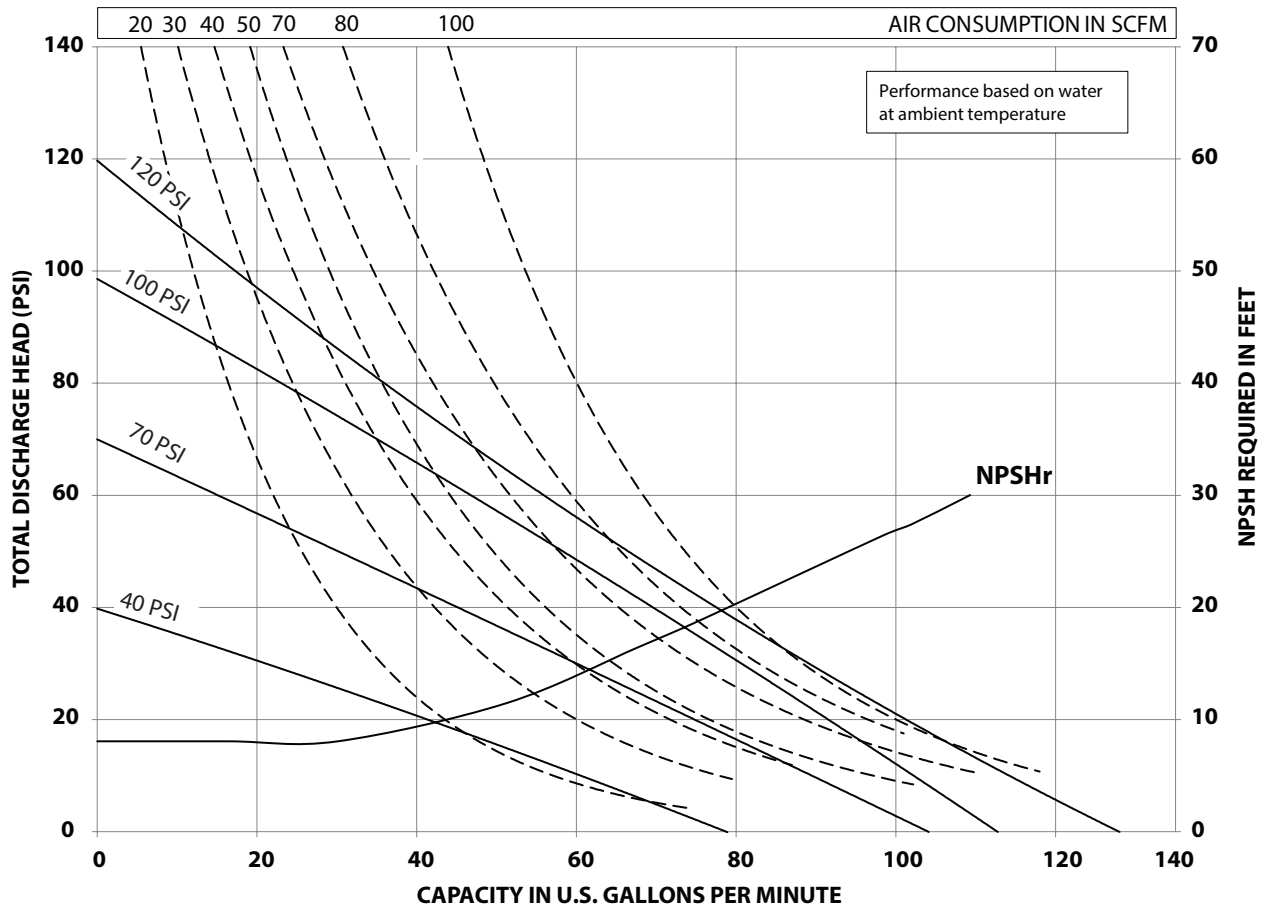
209 NORTH MAIN STREET – BRYAN, OHIO 43506

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ARO

PERFORMANCE CURVES

SX15X-XXX-XXX-AXX 1-1/2" METALLIC DIAPHRAGM PUMP



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