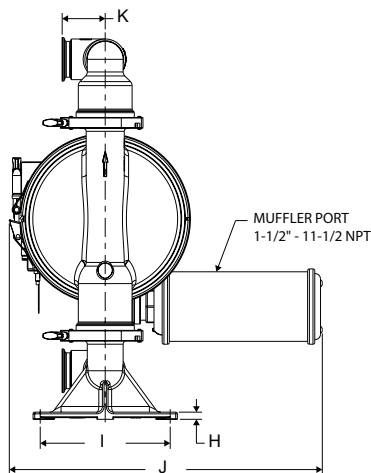
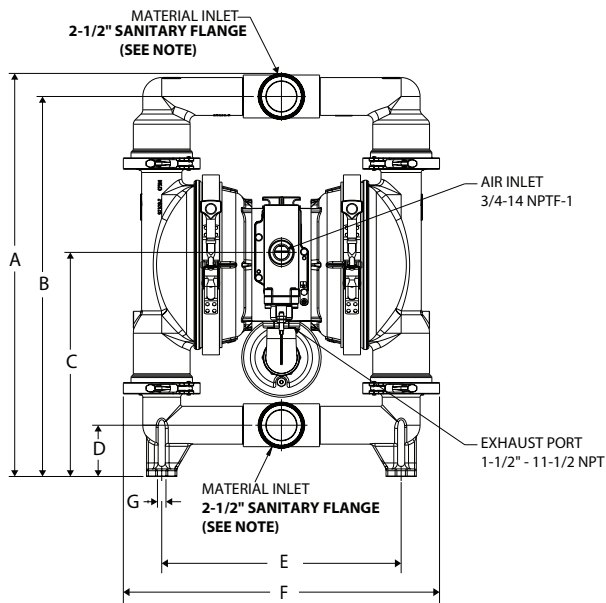


SALES AND ENGINEERING DATA

SD20X-XXX-XXX-BXXX 2" Metallic Diaphragm Pump

RATIO SERIES:	1:1
FLUID PSIG RANGE:	20 - 120
RELEASED:	3-17-17
REVISED:	3-29-19
(REV: C)	S-1599

DIMENSIONAL DATA



DIMENSIONS

A - 26.6" (676.2mm)	E - 15.8" (401.7 mm)	K - 3.0" (76.2 mm)
B - 25.0" (637.5 mm)	F - 20.8" (530.5 mm)	I - 9.0" (230.2 mm)
C - 14.7" (375.9 mm)	G - 0.56" (14.3 mm)	J - 21.8" (554.3mm) (SD20S-XXX-XXX-BXXX)
D - 3.3" (86.0 mm)	H - 0.5" (12.7 mm)	22.0" (560.8 mm) (SD20R-XXX-XXX-BXXX)

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

NOTE: Sanitary Flange dimensions per 2-1/2 inch ASME BPE-2012 and ISO 2852-1993 63.5 mm.

SPECIFICATIONS

Model Series	SD20X-XXX-XXX-BXXX
Pump Type	Metallic, air operated, double diaphragm pump
Ratio	1:1
Weight	
SD20S-XXX-XXX-BXXX	166.45 lbs (75.5 kgs)
SD20R-XXX-XXX-BXXX	141.76 lbs (64.3 kgs)
Fluid Section Service Kit	637494-XX
Air Section Service Kit	
637497 for models SD20S-XXX-XXX-BXXX	
637497-1 for models SD20R-XXX-XXX-BXXX	
Major Air Valve Assembly Service Kit	
637498 for models SD20S-XXX-XXX-BXXX	
637498-1 for models SD20R-XXX-XXX-BXXX	

SD20X-XXX-XXX-BXXX

Example: Models SD20S-CSS-S M M-BXXX 637494-~~XX~~
Fluid Section Service Kit # 637494-MM Ball ☒ Diaphragm

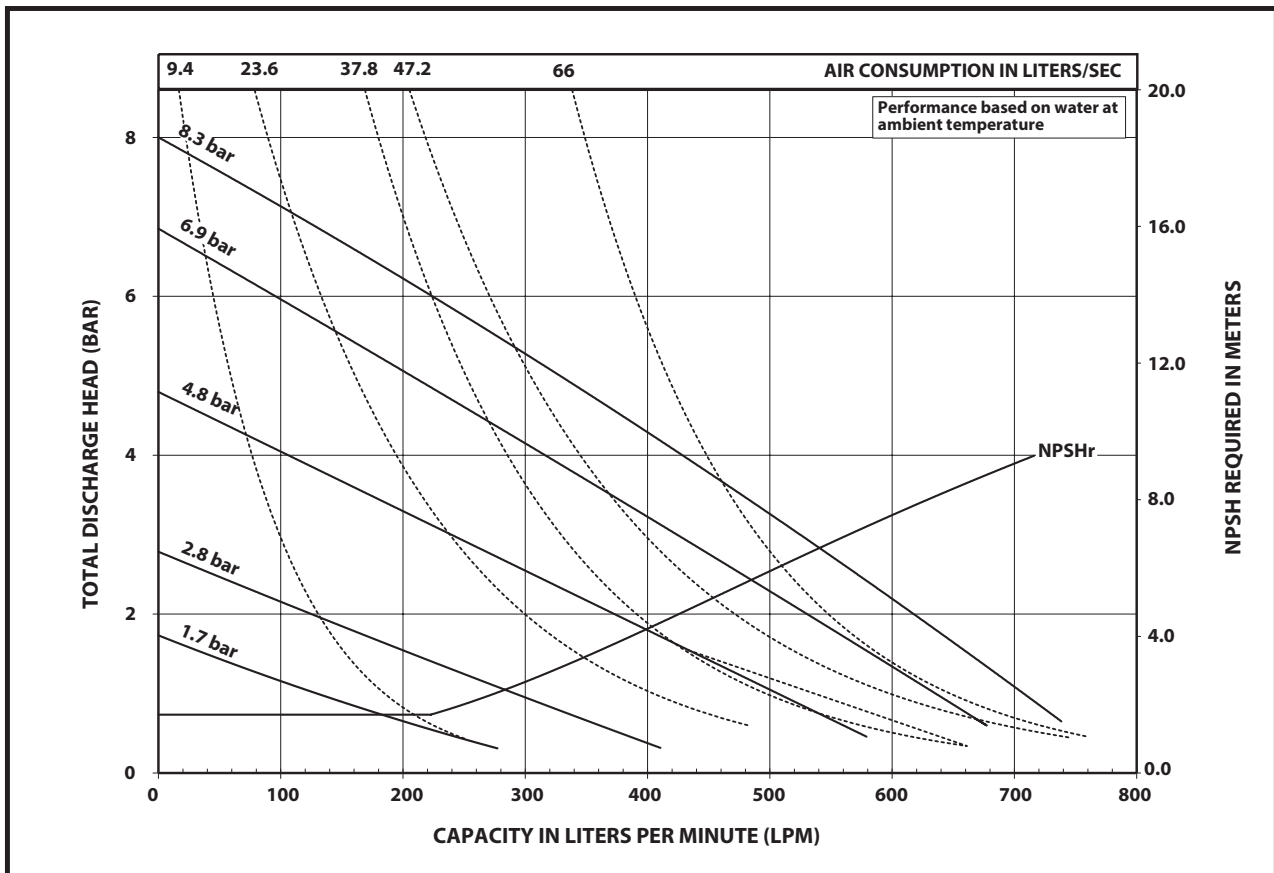
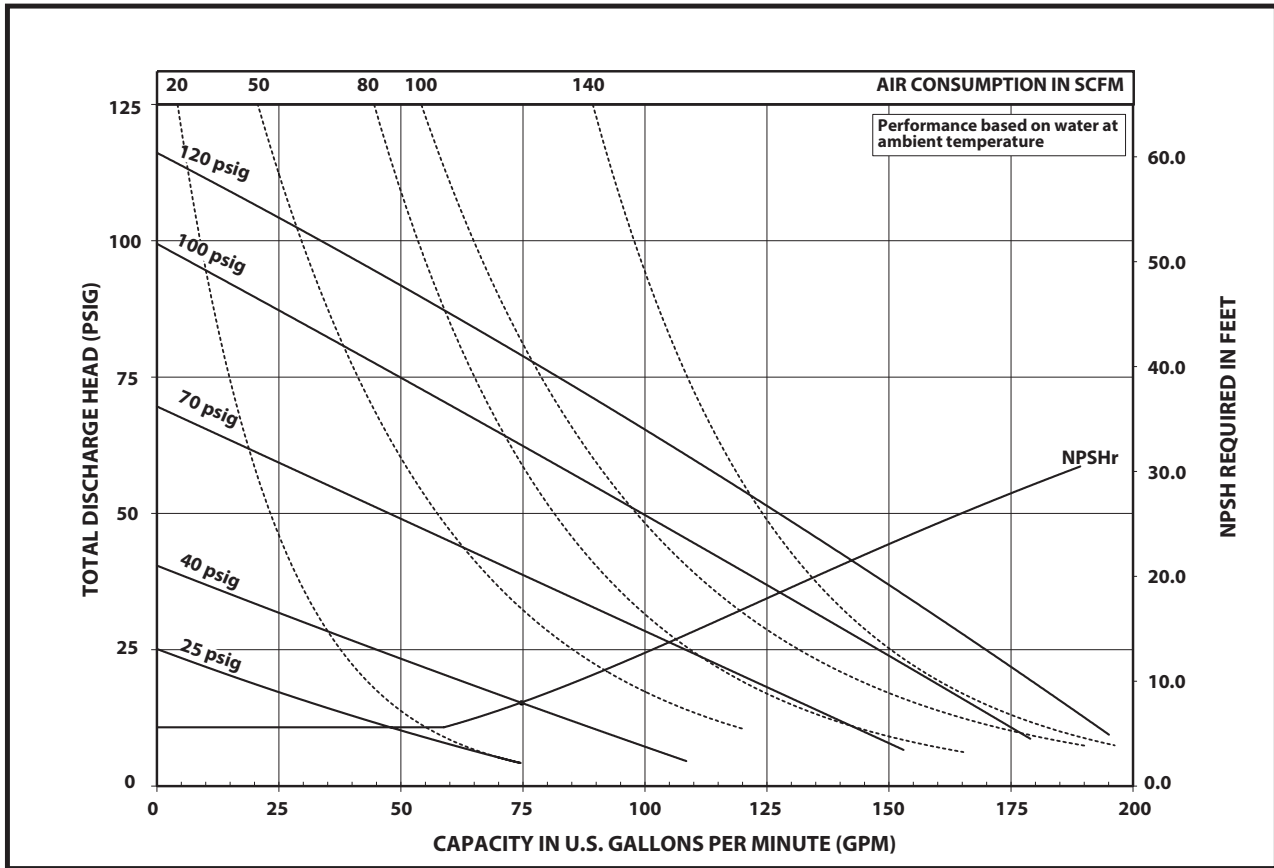
PERFORMANCE

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	195 gpm (738 lpm)
Displacement / Cycle @ 100 psig	1.3 gal. (4.9 lit.)
Maximum Particle Size	1/4" dia. (6.4 mm)
Maximum Temperature Limits (diaphragm / ball / seal / seat material)	
Santoprene®	-40° to 225° F (-40° to 107° C)
PTFE	40° to 225° F (4° to 107° C)
Hytrel®	-20° to 180° F (-29° to 82° C)
Noise Level @ 70 psig - 60 cpm	82.5 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.

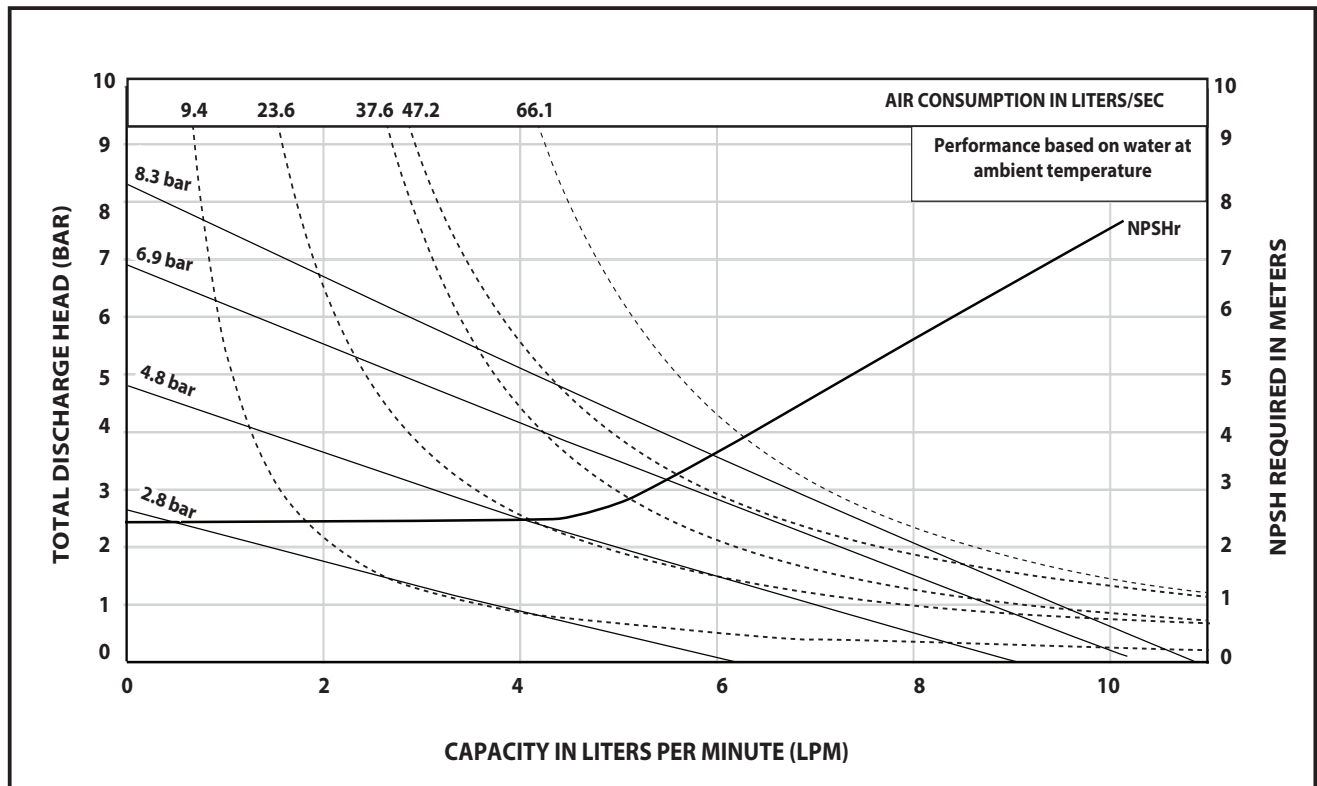
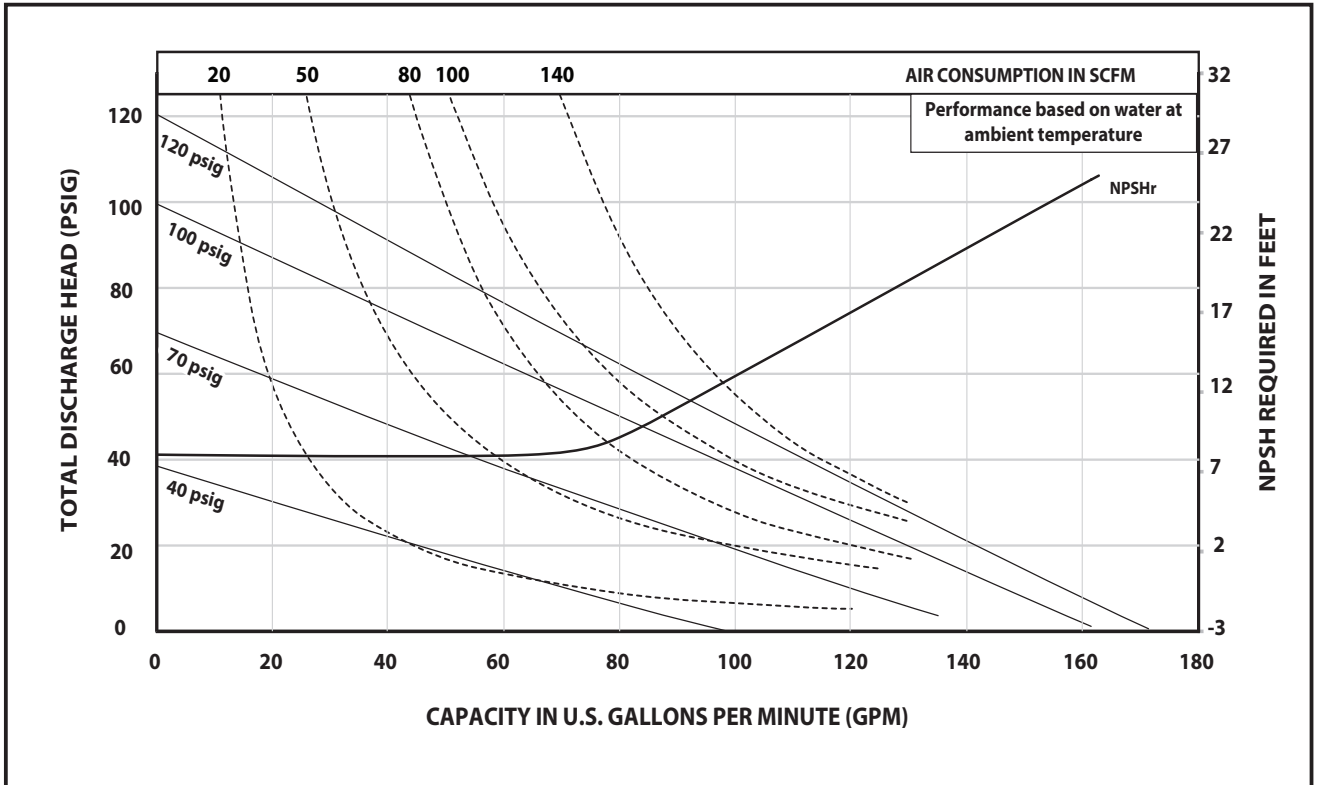
PERFORMANCE CURVES

SD20X-XXX-XXX-BXXX 2" METALLIC DIAPHRAGM PUMP FOR SANTROPENE DIAPHRAGMS



PERFORMANCE CURVES

SD20X-XXX-XXX-BXXX 2" METALLIC DIAPHRAGM PUMP FOR PTFE COMPOSITE DIAPHRAGMS



NOTES
