2" Metallic EXP Models **EXPert Series Pump**

2" Metallic Performance Specifications

Ratio:				1:1					
Maximum G	SPM (LPM):			172 (651)					
Displaceme		1.4 (5.3)							
Air Inlet (Fen	nale):		;	3/4 - 14 I	N.P.T.F	:-1			
Fluid Inlet/C	Outlet (Fema	ale):							
	PX20X-AXX-XXX-B() 2 - 11-1/2 N.P.T.F1								
	PX20X-BXX-XXX-B() Rp 2 (2 - 11 BSP parallel)								
				PX20X-F	XX-XX	X-B() 2" Al	NSI/DIN F	Flange	
Max. operat		120 (8.3)		,					
Suspended				1/4" (6.4))				
Maximum d):	14 (4.2) Elastomer fitted							
Weight lbs (k	g) :								
Air Motor PD20A AL AL	Connection Thread Thread	Wetted AL CI	Pump Wgt 91.4 (41.5) 147.4 (66.9)	PD20S	ir Motor SS SS	Connection Thread Thread	Wetted AL CI	Pump Wgt 120.3 (54.6) 176.3 (80)	



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niA	Motor	Connection	Wetted	Pump Wgt	Air Motor	Connection	Wetted	Pump Wgt
PD20A	AL	Thread	AL	91.4 (41.5)	PD20S SS	Thread	AL	120.3 (54.6)
	AL	Thread	CI	147.4 (66.9)	SS	Thread	CI	176.3 (80)
	AL	Thread	Н	155 (70.3)	SS	Thread	Н	183.9 (83.4)
	AL	Thread	SS	149.8 (68)	SS	Thread	SS	178.7 (81.1)
	AL	Flange	Н	162.2 (73.6)	SS	Flange	Н	191.1 (86.7)
	AL	Flange	SS	162.2 (73.6)	SS	Flange	SS	191.1 (86.7)
PD20R≠	Poly	Thread	CI	165 (74.8)	_			
	Poly	Thread	Н	154 (69.9)				
	Poly	Thread	SS	154 (69.9)	AL-Aluminum, (CI-Cast Iron, H	-Hastelloy, SS	S-Stainless Steel
	Poly	Flange	Н	146 (66.2)			-	
	Poly	Flange	SS	146 (66.2)				

Sound Level:

PSI	Cycles / Min	db(A)
70	50	85.0

Ordering Menu

<u>PX20</u>		<u>X</u>	-	<u>X</u>	<u>X</u> 	<u>X</u>	-	<u>X</u>
Model Series	Center Section		enter Section Connection		l Hardware		 Seat Material	
PD20 Standard Pump	Α	Aluminum	Α	NPTF Thread	Р	Plated Steel	Α	Santoprene®
PE20 Electronic	R	Polypropylene	В	BSP Thread	S	Stainless Steel	С	Hytrel®
Interface		w/SS Air Caps	F	2" ANSI/DIN			Ε	Carbon Steel
Accessible Pump	S	Stainless Steel		Flange (Center)			F	Aluminum
Fullip	Y Polypropylene	,	Wetted Parts —			G	Nitrile	
		w/Cl Air Caps	Α	Aluminum [†]			Н	440 Stainless
			С	Cast Iron				Steel (Hard)
			Н	Hastelloy			K	PVDF
			S	Stainless Steel			L	Hastelloy
			† Not available on PD20R-X				S	316 Stainless Steel
Accessories*								
Air Line Connection Kit includes Piggyback Filte			ipple an	nd a 5-foot section of air	r hose.			

Diaphragm Material

Α	Santoprene®
С	Hytrel®
G	Nitrile
M	Medical Grade Santoprene®
Т	PTFE/

В

Viton® **Ball Material**

Santoprene®

Α	Santoprene®
С	Hytrel®
G	Nitrile
S	316 Stainless
	Steel

PTFE

Viton®

problem in many process operations. ARO Diaphragm Failure Detection is one simple, cost-effective way to get your pumps wired for preventive maintenance. (PE20X pump model is required) Cycle Counter Kit | Kit No. 67350-1

Costly production downtime due to pump diaphragm failure and resulting (possibly hazardous) material leakage is a very real

Like the odometer on your car, ARO's cycle sensing / cycle counter lets you know how many pump cycles have elapsed so you can be prepared to perform preventive maintenance. The cycle sensor is a cost-efficient way to save maintenance costs while keeping your pump on-line. (PE20X pump model is required)

Service Repair Kits | Kit No. 637369 (air motor for PX20R and PX20Y)

Diaphragm Failure Detection (DFD) | Intrinsically Safe No. 67237

Kit No. 637421 (air motor for PX20A and PX20S)

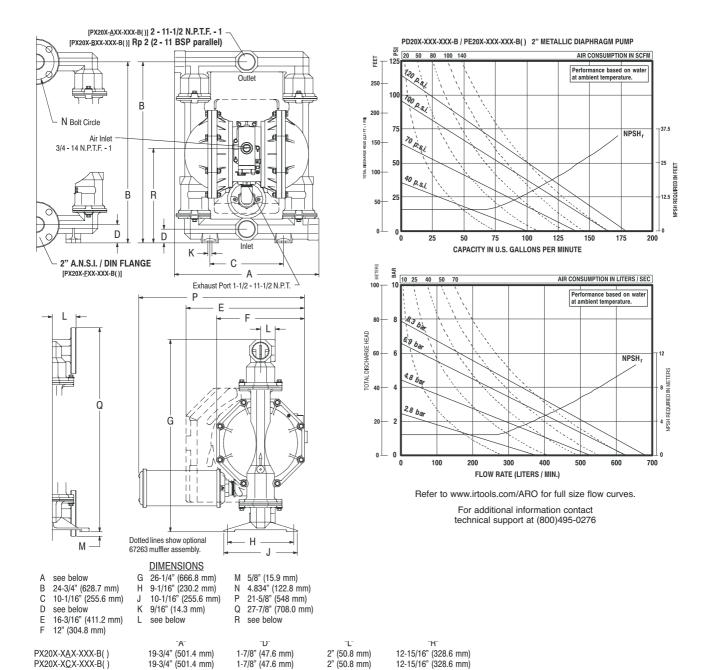
Kit No. 637374-X (major air valve assembly)

Kit No. 637309-XX (fluid section)



^{*}Please note pumps are not included with these kits.

2" Metallic Dimensions and Flow Curves **EXPert Series Pump**



Accessories*

PX20X-XCX-XXX-B()

PX20X-<u>AH</u>X-XXX-B(), -<u>BH</u>X PX20X-<u>AS</u>X-XXX-B(), -<u>BS</u>X PX20X-<u>FH</u>X-XXX-B(), -<u>FS</u>X

Continuous-Duty Muffler | Kit No. 67263

Helps reduce possibility of pump freeze-over caused by moisture in air supply. Recommended for continuous-duty and high-flow applications. Muffler features large expansion chamber, permitting cold exhaust air to exit pump.

1-7/8" (47.6 mm)

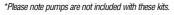
2-1/2" (63.5 mm) 2-1/2" (63.5 mm) 2-1/2" (63.5 mm)

Screened Inlet Adapter Kit | Kit No. 67174-20

Carbon steel, E-coated screen prevents unwanted solids from entering pump. Kit includes hardware for attachment to pump.

19-1/4" (488.7 mm)

19-1/4" (488.7 mm) 19-1/4" (488.7 mm)









67174-20 Screened Inlet

2" (50.8 mm)

2-3/32" (53.0 mm) 2-3/32" (53.0 mm)

3-1/4" (82.6 mm)

12-15/16" (328.6 mm)

13-9/16" (344.5 mm) 13-9/16" (344.5 mm)

13-9/16" (344.5 mm)