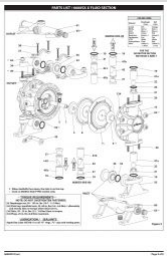
ARO 66605J-344 Diaphragm Pump - 1/2" Non-Metallic

Item#: 66605J-344 | **Model#:** 66605J-344 **Series#:** 66605X-XXX-04







Description:
ARO 66605J-344 1/2" Air Operated Diaphragm Pump. Max Flow 13 gpm (49.2 lpm), 6.8 bar (100 psi) Max Discharge, 15 ft (4.6 m) Max Suction and Max allowable 3/32" (2.4 mm) Solid Size.

Price: USD $1164^{00}

Buy Now

Technical Specification

66605J-344 Product Specific Data	
Fluid Cap & Manifold Material	Polypropylene
Seat Material	Polypropylene
Ball Material	PTFE
Diaphragm Material	PTFE / Santoprene

Series Data	
Pump Type	Diaphragm Pump
Max Air Inlet Pressure	6.9 bar (100 psi)
Max Material Inlet Pressure	0.69 bar (10 psi)
Max Outlet Pressure	6.9 bar (100 psi)
Air Consumption	1 cfm/gallon (approx)
Max Flow Rate(ball)	13 gpm (49.2 lpm)
Max Solid Size	3/32" (2.4 mm)
Max Temperature Limits (F)	-40 to 350 °
Max Temperature Limits (C)	-40 to 177 °
Size	0.5" (12.7 mm)
Ratio	1:1
Material Inlet/Outlet (female)	1/2 - 14 NPTF
Air Inlet (Female)	1/4 - 18 NPTF
Standard	Internal
Optional (female)	3/8 - 18 NPTF
Noise Level @ 70 psi, 60 cpm	71.1 db(A)
Max Flow Rate(duckbill)	10 gpm (37.9 lpm)
Muffler	Integral, Included
Maximum Dry Suction Lift	15 ft (4.6 m)
Displacement per cycle(ball)	0.04 gpm (0.15 lpm)
Displacement per cycle(duckbill))	0.032 gpm (0.12 lpm)

Product Dimensions	
Weight	9.50 lb
Width	215.00 mm, 8.46 in
Height	288.00 mm, 11.34 in
Length	164.00 mm, 6.46 in

Technical Documents

Document Title	Download
Operator's Manual	Click Here to Download
Sales & Engineering Data	Click Here to Download

Service Kits

ID	Short Details	Price
637141	Air Section Service Kit	$79.60
637140-44	637140-XX Fluid Section Service Kits. Diaphragm Pump Repair Kit, Fits Ingersoll Rand ARO Model Numbers 66605J-XXX, 66605H-XXX, 66605K-XXX, 666053-XXX, 666056-XXX, 666057-XXX. Includes All Fluid Section Replacement Parts Except the Ball Seat.	$350.00

Accessories

ID	Short Details	Price
67165-1	ARO 67165-1 Cycle Actuation 24VDC 67165-1 for Diaphragm Pumps	$223.00
67165-2	ARO 67165-2 Cycle Actuation 120VAC for Diaphragm Pumps	$223.00
67165-3	ARO 67165-3 Cycle Actuation NO COIL for Diaphragm Pumps	$207.00
76763	ARO 76763 Wall Mount Bracket Accessories	$136.00