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ARO 612041-3 Piston Pump

Item#: 612041-3 | Model#: 612041-3 Series#: 61204X-X



Description:
ARO 612041-3 Air Operated, Transfer pump manufactured by Ingersoll Rand with Material PTFE

Price: **USD** ~~\$1705⁰⁰~~ **\$1417⁰³**

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Technical Specification

612041-3 Product Specific Data	
Material	Carbon Steel
Packings	PTFE
Series Data	
Type	Air Operated, Transfer pump
Ratio	1:1
Air Motor Diameter	2 in (5.08 cm)
Stroke	6 in (15.24 cm)
Air Inlet (Female)	1/4 - 18 NPTF
Material Inlet	Immersed
Material Outlet (female)	3/4 - 14 NPTF
Pump Construction	Carbon Steel
Air Inlet Pressure Range	0 - 150 psi (0 - 10.3 bar)
Fluid Pressure Range	0 - 150 psi (0 - 10.3 bar)
Maximum Rec'd Cycles/Minute	75
Displacement In3 Per Cycle	18.8
Volume/Cycle	10.4 oz. (307.7 ml)
Cycles Per Gallon	12.3
Maximum Working Flow Rate	9 gpm (34.1 lpm)
Maximum Flow Rate	18 gpm (68.1 lpm)
Noise Level @ 60 p.s.i., 40 c.p.m	77.8 db(A)
Series	61204X
Product Dimensions	
Weight	17.80 lb
Width	127.00 mm, 5.00 in
Height	127.00 mm, 5.00 in
Length	127.00 mm, 5.00 in

Technical Documents

Document Title	Download
Operator's Manual	Click Here to Download
General Information Manual	Click Here to Download

Service Kits

ID	Short Details	Price
637081	Lower End Repair Kit	\$204.60
637083	Lower End Repair Kit	\$480.00
637084	Air Section Service Kit	\$276.80
637081	Lower End Repair Kit	\$204.60
637083	Lower End Repair Kit	\$480.00
637084	Air Section Service Kit	\$276.80

Parts List

Position	Part Number	Part Details	Quantity	Price
1	76073-2	76073-2 - Cap for 2-Ball by Ingersoll Rand [Materials: Aluminum]	1	\$136.60
2	77290	77290 - Washer for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$11.90
3	Y325-138	Y325-138 - "O" Ring (3/32" x 2-5/16" o.d.) for 2-Ball by Ingersoll Rand [Materials: Nitrile]	1	\$5.10
4	77208	77208 - Spring for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$20.70
5	90638	90638 - Button for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$19.00
6	76074-2	76074-2 - Cylinder for 2-Ball by Ingersoll Rand [Materials: Aluminum]	1	\$222.10
7	61088	61088 - Spacer and Piston Assembly for 2-Ball by Ingersoll Rand	1	\$298.30
8	Y222-54-C	Y222-54-C - Screw (#4 - 40 x 3/8" for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	3	\$7.70
9	76090	76090 - Valve Plate for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$29.50
10	60656	60656 - Piston Assembly for 2-Ball by Ingersoll Rand [Materials: Nitrile/ Carbon Steel]	1	\$251.50
11	76856	76856 - Valve Spacer for 2-Ball by Ingersoll Rand [Materials: Acetal]	1	\$15.90
12	F21-53	F21-53 - Gasket for 2-Ball by Ingersoll Rand [Materials: Copper]	1	\$3.60
13	77794	77794 - Plunger Tip for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$168.60
14	Y325-214	Y325-214 - "O" Ring (1/8" x 1-1/4" o.d.), Material Nitrile for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	1	
15	76215	76215 - Plunger for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$326.40
17	76070	76070 - Spring for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$11.90
18	77807	77807 - Pump Body for 2-Ball by Ingersoll Rand [Materials: Aluminum]	1	\$1299.60
19	77803	77803 - "O" Ring (.275" x 1.837" o.d.) for 2-Ball by Ingersoll Rand [Materials: Nitrile]	1	\$11.90
20	93005	93005 - Ground Screw (#10 - 32 x 1/4")(page 3) for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$3.90
21	Y148-29	Y148-29 - Dowel Pin (3/16" dia. x 1-1/8") for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$6.30
22	77804	77804 - Piston Rod for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$170.00
23	Y325-14	Y325-14 - "O" Ring for Diaphragm Pumps by Ingersoll Rand [Materials: Nitrile]	1	\$3.29
24	79057	79057 - Plug for 2-Ball by Ingersoll Rand [Materials: Nylon]	1	\$83.00
25	Y325-134	Y325-134 - "O" Ring (3/32" x 2-1/16" o.d.) for Specialty Series by Ingersoll Rand [Materials: Nitrile]	1	

25	Y327-134	Y327-134 - "O" Ring (3/32" x 2-1/16" o.d.)models 612041-3 for 2-Ball by Ingersoll Rand [Materials: Viton]	1	\$16.00
26	Y325-124	Y325-124 - "O" Ring (3/32" x 1-7/16" o.d.)models 61204X-1 for 2-Ball by Ingersoll Rand [Materials: Nitrile]	1	\$3.30
26	Y327-124	Y327-124 - "O" Ring (3/32" x 1-7/16" o.d.)models 612041-3 for 2-Ball by Ingersoll Rand [Materials: Viton]	1	\$13.40
27	Y122-85	Y122-85 - Groove Pin (1/8" dia. x 3/4") for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$3.50
28	76900	76900 - Collar for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$38.10
29	77910	77910 - Washer (models 612041-3 only) for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$6.30
30	75649	75649 - Packing (models 61204X-1 only) for 2-Ball by Ingersoll Rand [Materials: Nitrile]	2	\$48.30
31	Y325-12	Y325-12 - "O" Ring (1/16" x 1/2" o.d.)models 61204X-1 for 2-Ball by Ingersoll Rand [Materials: Nitrile]	1	\$3.29
32	77801	77801 - Retaining Ring for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$4.50
33	75648	75648 - Piston models 61204X-1 for 2-Ball by Ingersoll Rand [Materials: Acetal]	1	\$61.60
34	77798	77798 - Suction Tube models 612041-X for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$313.00
34	77798	77798 - Suction Tube models 612041-X for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$313.00
35	77797	77797 - Washer for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$10.50
36	77806	77806 - Tube for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$251.50
37	77796	77796 - Cup models 61204X-1 for 2-Ball by Ingersoll Rand [Materials: Nitrile]	1	\$135.10
38	77800	77800 - Washer for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$18.90
39	Y115-14	Y115-14 - Nut (3/8" - 24) for 2-Ball by Ingersoll Rand [Materials: Stainless Steel]	1	\$12.60
40	76093	76093 - Stem for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$22.20
41	F58-3	F58-3 - Plate for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$39.10
42	F259-1	F259-1 - Valve Body for 2-Ball by Ingersoll Rand [Materials: Cast Iron]	1	\$57.10
43	60657	60657 - Foot Valve Asm (includes items 40 - 42) for 2-Ball by Ingersoll Rand	1	\$93.70
44	60870	60870 - Bung Adapter (includes item 45) for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$65.60
45	Y197-158-C	Y197-158-C - Screw (1/4" - 20 x 1-1/2") for 2-Ball by Ingersoll Rand [Materials: Carbon Steel]	1	\$7.70
48	92818	92818 - Needle Valve (see figure 1) for 2-Ball by Ingersoll Rand [Materials: Brass]	1	\$70.90

Accessories

ID	Short Details	Price
61113	61113 Pump Bracket Assembly (2"Bung) by Ingersoll Rand	\$136.60
61879	61879 Air Motor Muffler	\$194.00