

RESERVOIRS - AIR / OIL - SHELF/BASE MOUNT

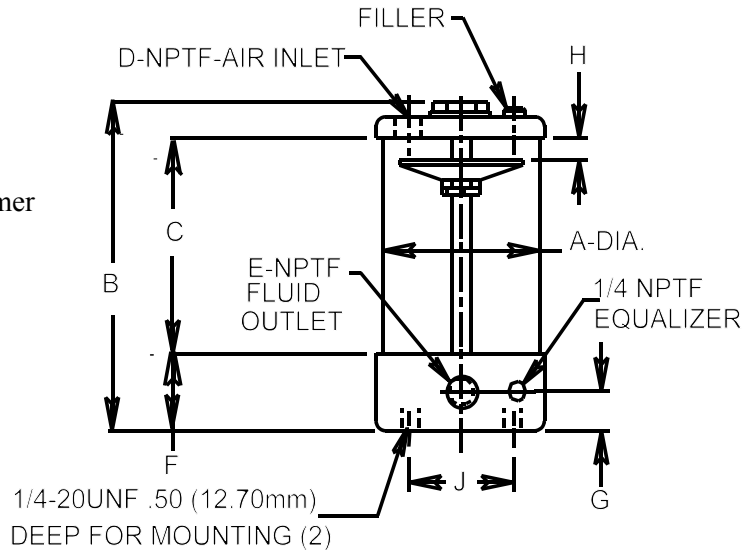
Air / oil tanks provide precision hydraulic power from shop air. Exact cylinder movement is achieved without the high cost of conventional hydraulic power requiring pump, motor, filter, etc. Basic circuits, when used with low pressure hydraulic check, flow control and directional valves, allow oil (driven at 1:1 ratio) to force piston rod at the same speed through both forward and return stroke. The speed control is adjustable to your work requirement.

STANDARD MATERIALS:

- Aluminum base and cover
- Buna N seals
- Steel stem
- Break resistant, colorless, transparent polymer

OPERATING CONDITIONS:

- Polymer up to 140°F (60°C)
- Aluminum up to 250°F (121.1°C)
- Maximum working pressure:
Polymer up to 80 PSI (552 kPa)
Aluminum up to 125 PSI (861.9 kPa)



MODIFICATIONS OF ALUMINUM BOWL OR ALUMINUM BOWL WITH GAGE AVAILABLE
CONSULT OUR FACTORY (MINIMUM ORDER MAY BE REQUIRED)

CATALOG NUMBER		CAPACITY CU. IN. (cu. cm)		DIMENSIONAL INFORMATION INCHES (mm)								
POLYMER	ALUMINUM WITH GAGE	POLY	ALUM	A	B	C	D	E	F	G	H	J
A/OR1009-1	-	6.9 (113.1)	8.8 (144.2)	2.50 (63.5)	4.12 (104.6)	2.25 (57.2)	1/8	1/4	1.44 (36.6)	.81 (20.6)	.25 (6.4)	1.25 (31.8)
A/OR1018-2	A/OR11018-2	14.0 (229.4)	18.0 (295.0)	2.50 (63.5)	6.62 (168.1)	4.75 (120.6)	1/4	1/4	1.44 (36.6)	.81 (20.6)	.25 (6.4)	1.25 (31.8)
A/OR1024-2	-	20.0 (327.7)	26.0 (426.1)	2.50 (63.5)	8.62 (218.9)	6.75 (171.4)	1/4	1/4	1.44 (36.6)	.81 (20.6)	.25 (6.4)	1.25 (31.8)
A/OR1030-2	A/OR11030-2	26.0 (426.1)	33.0 (540.8)	2.50 (63.5)	10.62 (269.7)	8.75 (222.2)	1/4	1/4	1.44 (36.6)	.81 (20.6)	.25 (6.4)	1.25 (31.8)
A/OR1042-2	-	35.0 (573.4)	45.0 (737.4)	2.50 (63.5)	13.62 (345.9)	11.75 (298.4)	1/4	1/4	1.44 (36.6)	.81 (20.6)	.25 (6.4)	1.25 (31.8)
A/OR2053-3	A/OR12053-3	47.0 (770.2)	56.0 (917.7)	3.50 (88.9)	8.94 (227.1)	6.88 (174.8)	1/4	3/8	1.62 (41.1)	.94 (23.9)	.50 (12.7)	2.00 (50.8)
A/OR2075-3	-	67.0 (1098)	79.0 (1295)	3.50 (88.9)	11.81 (300.0)	9.75 (247.6)	1/4	3/8	1.62 (41.1)	.94 (23.9)	.50 (12.7)	2.00 (50.8)
A/OR2075-4	-							1/2				
A/OR2100-3	-	88.0 (1442)	104.0 (1704)	3.50 (88.9)	15.08 (383.0)	12.75 (323.8)	1/4	3/8	1.62 (41.1)	.94 (23.9)	.50 (12.7)	2.00 (50.8)
A/OR2150-3	-	130.0 (2130)	153.0 (2507)	3.50 (88.9)	20.81 (528.6)	18.75 (476.2)	1/4	3/8	1.62 (41.1)	.94 (23.9)	.50 (12.7)	2.00 (50.8)
A/OR2200-3	-	171.0 (2802)	201.0 (3294)	3.50 (88.9)	27.02 (686.3)	24.75 (628.6)	1/4	3/8	1.62 (41.1)	.94 (23.9)	.50 (12.7)	2.00 (50.8)



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3/04 BULLETIN F1077-1

BULL