

ORBIT

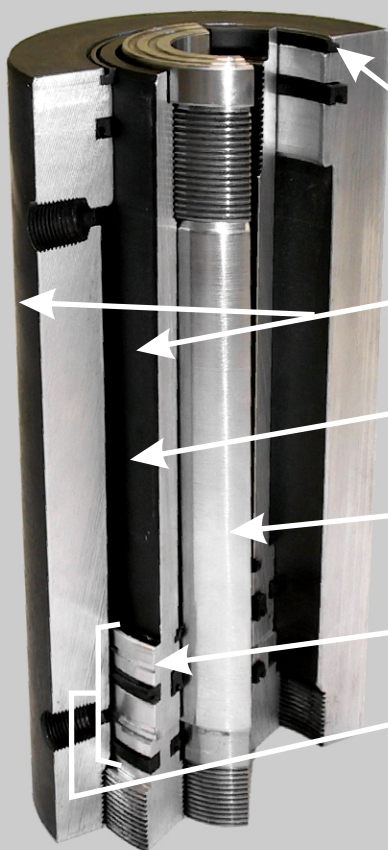
ALUMINUM



CYLINDERS

Double Acting Hollow Center

- Lightweight aluminum alloy construction. Up to 60% lighter than comparable tonnage steel jacks!
- Virtually impervious to lateral load
- 3/8" high-flow quick disconnect couplers
- Constructed and tested in compliance with ANSI B30.1



Wiper seals out dirt and contamination

Hard anodizing for extra protection against corrosion and wear

One piece rod and piston for extra stability and less maintenance

Chrome plated inner tube for extra protection against corrosion and wear

Balancing / Lubricating Grooves

Large bearing surface for protection against side loading

Made in Canada

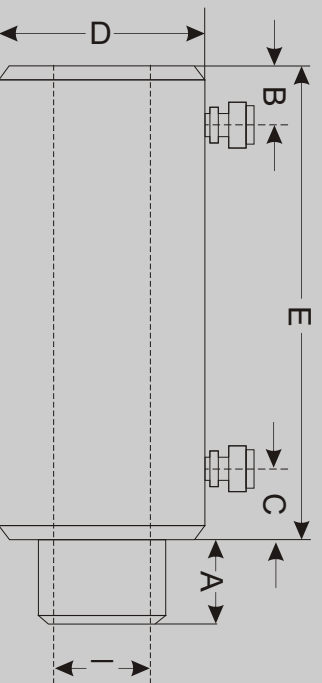


"ORBIT" - *The Lightweight with a Solid Punch*

Ordering Information

Operating pressure for all "ORBIT" cylinders up to 700 BAR / 10,000 PSI Double Acting Hollow Plunger design - 30 through 150 ton capacities

ORDER MODEL NUMBER	CYLINDER CAPACITY Tons	A STROKE mm / in	E RE-TRACTED HEIGHT mm / in	I CENTER HOLE mm / in	EFFECTIVE AREA		OIL CAPACITY		B BASE TO INLET PORT mm / in	C COLLAR TO INLET PORT mm / in	D CYLINDER BODY	WEIGHT kg / lb.
					Push cm ² / sq.in	Pull cm ² / sq.in	Push cm ³ / cu.in	Pull cm ³ / cu.in				
ORDH 30/2	30	50 / 2	177.8/7.0	381.5	40.97/6.35	20.96/3.25	235/14.34	106/6.50	50.80/2.0	50.80/2.0	139/5.5	9.1/20
ORDH 30/4	30	100 / 4	228.6/9.0	381.5	40.97/6.35	20.96/3.25	470/28.68	213/13.00	50.80/2.0	50.80/2.0	139/5.5	10.9/24
ORDH 30/6	30	152 / 6	279.4/11.0	381.5	40.97/6.35	20.96/3.25	705/43.02	319/19.50	50.80/2.0	50.80/2.0	139/5.5	12.6/28
ORDH 30/10	30	254 / 10	381.0/15.0	381.5	40.97/6.35	20.96/3.25	1175/71.70	532/32.50	50.80/2.0	50.80/2.0	139/5.5	17.0/38
ORDH 50/2	50	50 / 2	177.8/7.0	53.97/2.125	66.45/10.30	22.12/3.43	356/21.71	112/6.86	50.80/2.0	50.80/2.0	190.5/7.5	15.0/33
ORDH 50/4	50	100 / 4	228.6/9.0	53.97/2.125	66.45/10.30	22.12/3.43	712/43.44	224/13.72	50.80/2.0	50.80/2.0	190.5/7.5	18.6/41
ORDH 50/6	50	152 / 6	279.4/11.0	53.97/2.125	66.45/10.30	22.12/3.43	1068/65.16	337/20.58	50.80/2.0	50.80/2.0	190.5/7.5	22.0/49
ORDH 50/10	50	254 / 10	381.0/15.0	53.97/2.125	66.45/10.30	22.12/3.43	1780/108.60	562/34.30	50.80/2.0	50.80/2.0	190.5/7.5	29.5/65
ORDH 75/2	75	50 / 2	228.6/9.0	69.85/2.750	98.25/15.23	43.64/6.77	500/30.50	221/13.54	50.80/2.0	50.80/2.0	228/9.0	23.5/52
ORDH 75/4	75	100 / 4	279.4/11.0	69.85/2.750	98.25/15.23	43.64/6.77	1000/61.08	443/27.08	50.80/2.0	50.80/2.0	228/9.0	32.0/70
ORDH 75/6	75	152 / 6	330.2/13.0	69.85/2.750	98.25/15.23	43.64/6.77	1501/91.62	665/40.62	50.80/2.0	50.80/2.0	228/9.0	38.5/85
ORDH 75/10	75	254 / 10	431.8/17.0	69.85/2.750	98.25/15.23	43.64/6.77	2503/152.70	1109/67.70	50.80/2.0	50.80/2.0	228/9.0	45.3/100
ORDH 100/2	100	50 / 2	228.6/9.0	88.90/3.500	130.83/20.28	50.32/7.80	680/41.52	255/15.60	68.58/2.7	55.88/2.2	279/11.0	38.5/85
ORDH 100/4	100	100 / 4	279.4/11.0	88.90/3.500	130.83/20.28	50.32/7.80	1361/83.04	511/31.20	68.58/2.7	55.88/2.2	279/11.0	42.3/93
ORDH 100/6	100	152 / 6	330.2/13.0	88.90/3.500	130.83/20.28	50.32/7.80	2041/124.56	767/46.80	68.58/2.7	55.88/2.2	279/11.0	46.4/111
ORDH 100/10	100	254 / 10	431.8/17.0	88.90/3.500	130.83/20.28	50.32/7.80	3403/206.60	1278/78.00	68.58/2.7	68.58/2.7	279/11.0	60.0/132
ORDH 150/2	150	50 / 2	228.6/9.0	88.90/3.500	203.03/31.47	58.00/9.00	1004/61.26	295/17.96	68.58/2.7	55.88/2.2	304/12.0	49.0/109
ORDH 150/4	150	100 / 4	279.4/11.0	88.90/3.500	203.03/31.47	58.00/9.00	2008/122.52	590/35.93	68.58/2.7	55.88/2.2	304/12.0	54.8/121
ORDH 150/6	150	152 / 6	330.2/13.0	88.90/3.500	203.03/31.47	58.00/9.00	3012/183.73	885/53.89	68.58/2.7	55.88/2.2	304/12.0	60.0/132
ORDH 150/10	150	254 / 10	457.2/18.0	88.90/3.500	203.03/31.47	58.00/9.00	5021/306.30	1475/89.82	68.58/2.7	68.58/2.7	304/12.0	70.8/156



ORBIT Manufacturing Inc. is committed to continuous product enhancement and development and reserves the right to make product design changes without prior notice.

Warranty

All **ORBIT** cylinders are guaranteed against defects in materials and workmanship. Warranty does not cover normal wear and tear, overloading or improper use. For warranty claims, please contact your nearest **ORBIT** dealer.

ORBIT Manufacturing Inc.
 #104 - 3070 Norland Ave.
 Burnaby BC
 Canada V5B 3A6

Phone: (604)-293-0063
 Fax: (604)-293-0064
 Email: orbit@telus.net
 Web: www.orbit hydraulics.com