

HIGH TONNAGE

R Series

100-565 Ton

Double-Acting, Hydraulic-Return



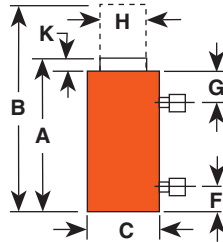
CYLINDERS

HIGH-TONNAGE, LOW CYCLE, HYDRAULIC RETURN.

- Cylinders come standard with swivel caps to reduce the effects of off-center loading.
- Cylinders may be "dead-ended" without damage.
- Hard chrome plated, heat treated piston rod reduces wear on piston and gland nut.
- Built-in safety relief valve prevents over-pressurization of the retract circuit.
- Each cylinder has two 9796 3/8" NPTF female half couplers.



R2806D



R1502D

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Capacity (cu. in.)		A Re-tracted Height (in.)	B Ex-tended Dia. (in.)	C Outside Dia. (in.)	F Base Port (in.)	G Top to Dia. (in.)	H Rod Dia. (in.)	K Piston Rod Protrusion (in.)	Cylinder Bore Dia. (in.)	Effective Area (sq. in.)	Internal Press. at Cap. (psi)	Tons at 10,000 psi	Prod. Wt. (lbs.)
			Push	Return												
100	2	R1002D	41.2	19.2	6 ^{41/64}	8 ^{41/64}	6 ^{1/2}	1	2 ^{13/64}	3 ^{3/4}	9 ^{3/32}	5 ^{1/8}	20.60	9,695	103.0	54
100	6	R1006D	123.6	57.6	10 ^{41/64}	16 ^{41/64}	6 ^{1/21}	1	2 ^{13/64}	3 ^{3/4}	9 ^{3/32}	5 ^{1/8}	20.60	9,695	103.0	81
100	10	R10010D	206.0	96.0	14 ^{41/64}	24 ^{41/64}	6 ^{1/2}	1	2 ^{13/64}	3 ^{3/4}	9 ^{3/32}	5 ^{1/8}	20.60	9,695	103.0	108
150	2	R1502D	61.4	29.6	7 ^{7/16}	9 ^{7/16}	8 ^{1/16}	1 ^{1/4}	2 ^{1/4}	4 ^{1/2}	19 ^{1/64}	6 ^{1/4}	30.70	9,778	153.4	95
150	6	R1506D	184.2	88.8	11 ^{7/16}	17 ^{7/16}	8 ^{1/16}	1 ^{1/4}	2 ^{1/4}	4 ^{1/2}	19 ^{1/64}	6 ^{1/4}	30.70	9,778	153.4	136
200	2	R2002D	82.6	39.2	8 ^{9/64}	10 ^{9/64}	9 ^{1/4}	1 ^{5/8}	2 ^{5/16}	5 ^{1/4}	11 ^{1/32}	7 ^{1/4}	41.30	9,690	206.4	136
200	6	R2006D	247.8	117.6	12 ^{9/64}	18 ^{9/64}	9 ^{1/4}	1 ^{5/8}	2 ^{5/16}	5 ^{1/4}	11 ^{1/32}	7 ^{1/4}	41.30	9,690	206.4	187
200	10	R20010D	413.0	196.0	16 ^{9/64}	26 ^{9/64}	9 ^{1/4}	1 ^{5/8}	2 ^{5/16}	5 ^{1/4}	11 ^{1/32}	7 ^{1/4}	41.30	9,690	206.4	239
280	2	R2802D	113.4	47.2	9 ^{13/64}	11 ^{13/64}	10 ^{7/8}	1 ^{7/8}	2 ^{37/64}	6 ^{1/2}	13 ^{1/32}	8 ^{1/2}	56.70	9,870	283.7	219
280	6	R2806D	340.2	141.6	13 ^{13/64}	19 ^{13/64}	10 ^{7/8}	1 ^{7/8}	2 ^{37/64}	6 ^{1/2}	13 ^{1/32}	8 ^{1/2}	56.70	9,870	283.7	297
280	10	R28010D	567.0	236.0	17 ^{13/64}	27 ^{13/64}	10 ^{7/8}	1 ^{7/8}	2 ^{37/64}	6 ^{1/2}	13 ^{1/32}	8 ^{1/2}	56.70	9,870	283.7	376
355	2	R3552D	141.8	47.4	11 ^{3/8}	13 ^{3/8}	11 ^{3/4}	2 ^{3/8}	2 ^{3/4}	7 ^{3/4}	7 ^{1/16}	9 ^{1/2}	70.90	10,017	354.4	324
355	6	R3556D	425.4	142.2	15 ^{3/8}	21 ^{3/8}	11 ^{3/4}	2 ^{3/8}	2 ^{3/4}	7 ^{3/4}	7 ^{1/16}	9 ^{1/2}	70.90	10,017	354.4	421
430	2	R4302D	173.2	59.6	12 ^{9/16}	14 ^{9/16}	13	2 ^{1/2}	2 ^{61/64}	8 ^{1/2}	15 ^{1/32}	10 ^{1/2}	86.60	9,932	433.0	439
430	6	R4306D	519.6	178.8	16 ^{5/16}	22 ^{5/16}	13	2 ^{1/2}	2 ^{61/64}	8 ^{1/2}	15 ^{1/32}	10 ^{1/2}	86.60	9,932	433.0	558
430	10	R43010D	866.0	298.0	20 ^{5/16}	30 ^{5/16}	13	2 ^{1/2}	2 ^{61/64}	8 ^{1/2}	15 ^{1/32}	10 ^{1/2}	86.60	9,932	433.0	673
565	2	R5652D	226.2	76.8	13 ^{19/32}	15 ^{19/32}	14 ^{7/8}	2 ^{3/4}	3 ^{13/64}	9 ^{3/4}	35 ^{1/64}	12	113.10	9,991	565.5	619
565	6	R5656D	678.6	230.4	17 ^{19/32}	23 ^{19/32}	14 ^{7/8}	2 ^{3/4}	3 ^{13/64}	9 ^{3/4}	35 ^{1/64}	12	113.10	9,991	565.5	772
565	10	R56510D	1131.0	384.0	21 ^{19/32}	31 ^{19/32}	14 ^{7/8}	2 ^{3/4}	3 ^{13/64}	9 ^{3/4}	35 ^{1/64}	12	113.10	9,991	565.5	926