

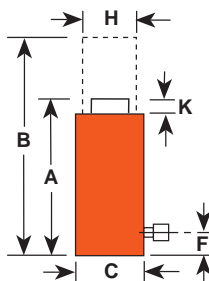
# High Tonnage Cylinders (R Series)

## Single-Acting, Load-Return — 150-565 Ton Capacity

High-tonnage, low cycle, gravity return, economy cylinders.



- Fully comply with ASME B30.1 standard.
- Visible indicator band alerts operator when stroke limit is reached; overflow port (“weep hole”) stroke limiter prevents piston from being inadvertently overextended.
- Alloy heat treated piston and body for exceptional reliability and strength.
- Plated piston rods greatly increase corrosion resistance and give superior bearing qualities.



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### ORDERING INFORMATION

See current price list for shipping weights

Cyl. Cap. (tons)	Stroke (in.)	Order No.	Oil Cap. (cu. in.)	A	B	C	F	H	K	Bore Dia. (in.)	Cylinder Effective Area (sq. in.)	Internal Pressure at Cap. (psi)	Tons at 10,000 psi	Product Wt. (lbs.)
				Retracted Ht. (in.)	Extended Ht. (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Piston Rod Protrusion (in.)					
55	2	R552C	22.1	4 <sup>1</sup> / <sub>16</sub>	6 <sup>1</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1/8	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	27
55	6	R556C	66.3	8 <sup>1</sup> / <sub>16</sub>	14 <sup>1</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1/8	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	50
55	10	R5510C	110.4	12 <sup>1</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>16</sub>	5	1	3 <sup>3</sup> / <sub>4</sub>	1/8	3 <sup>3</sup> / <sub>4</sub>	11.04	9,960	55.2	72
100	2	R1002C	41.3	5 <sup>1</sup> / <sub>2</sub>	7 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	1	5 <sup>1</sup> / <sub>2</sub>	1/8	5 <sup>1</sup> / <sub>2</sub>	20.63	9,695	103.2	52
100	6	R1006C	123.8	9 <sup>1</sup> / <sub>2</sub>	15 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	1	5 <sup>1</sup> / <sub>2</sub>	1/8	5 <sup>1</sup> / <sub>2</sub>	20.63	9,695	103.2	89
100	10	R10010C	206.3	13 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>2</sub>	6 <sup>1</sup> / <sub>2</sub>	1	5 <sup>1</sup> / <sub>2</sub>	1/8	5 <sup>1</sup> / <sub>2</sub>	20.63	9,695	103.2	127
150	2	R1502C	61.4	6%	8%	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1/8	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	92
150	6	R1506C	184.1	10%	16%	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1/8	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	151
150	10	R15010C	306.8	14%	24%	8 <sup>1</sup> / <sub>16</sub>	1 <sup>1</sup> / <sub>4</sub>	6 <sup>1</sup> / <sub>4</sub>	1/8	6 <sup>1</sup> / <sub>4</sub>	30.68	9,778	153.4	210
200	2	R2002C	82.6	7 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1%	7 <sup>1</sup> / <sub>4</sub>	1/8	7 <sup>1</sup> / <sub>4</sub>	41.28	9,690	206.4	145
200	6	R2006C	247.7	11 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1%	7 <sup>1</sup> / <sub>4</sub>	1/8	7 <sup>1</sup> / <sub>4</sub>	41.28	9,690	206.4	221
200	10	R20010C	412.8	15 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>4</sub>	1%	7 <sup>1</sup> / <sub>4</sub>	1/8	7 <sup>1</sup> / <sub>4</sub>	41.28	9,690	206.4	297
280	2	R2802C	113.5	7 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	10%	1%	8 <sup>1</sup> / <sub>2</sub>	1/8	8 <sup>1</sup> / <sub>2</sub>	56.74	9,870	283.7	201
280	6	R2806C	340.4	11 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10%	1%	8 <sup>1</sup> / <sub>2</sub>	1/8	8 <sup>1</sup> / <sub>2</sub>	56.74	9,870	283.7	300
280	10	R28010C	567.4	15 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	10%	1%	8 <sup>1</sup> / <sub>2</sub>	1/8	8 <sup>1</sup> / <sub>2</sub>	56.74	9,870	283.7	401
355	2	R3552C	141.8	9%	11%	11 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	1/8	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	302
355	6	R3556C	425.3	13%	19%	11 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	1/8	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	434
355	10	R35510C	708.8	17%	27%	11 <sup>1</sup> / <sub>4</sub>	2 <sup>1</sup> / <sub>2</sub>	9 <sup>1</sup> / <sub>2</sub>	1/8	9 <sup>1</sup> / <sub>2</sub>	70.88	10,017	354.4	565
430	2	R4302C	173.2	10%	12%	13	2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1/8	10 <sup>1</sup> / <sub>2</sub>	86.59	9,932	433.0	440
430	6	R4306C	519.5	14%	20%	13	2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1/8	10 <sup>1</sup> / <sub>2</sub>	86.59	9,932	433.0	609
430	10	R43010C	865.9	18%	28%	13	2 <sup>1</sup> / <sub>2</sub>	10 <sup>1</sup> / <sub>2</sub>	1/8	10 <sup>1</sup> / <sub>2</sub>	86.59	9,932	433.0	778
565	2	R5652C	226.2	11 <sup>1</sup> / <sub>2</sub>	13 <sup>1</sup> / <sub>2</sub>	14%	2%	12	1/8	12	113.10	9,991	565.5	638
565	6	R5656C	678.6	15 <sup>1</sup> / <sub>2</sub>	21 <sup>1</sup> / <sub>2</sub>	14%	2%	12	1/8	12	113.10	9,991	565.5	858
565	10	R56510C	1131.0	19 <sup>1</sup> / <sub>2</sub>	29 <sup>1</sup> / <sub>2</sub>	14%	2%	12	1/8	12	113.10	9,991	565.5	1078