

HIGH TONNAGE

R Series

55-565 Ton

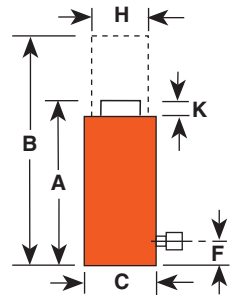
Single-Acting Load Return



R2802C

ASME B30.1
10,000 PSI

- Visible indicator band alerts when stroke limit is reached; overflow port ("weep hole") stroke limiter prevents piston from being overextended.
- Alloy heat treated piston and body for reliability and strength.
- Plated piston rod increases corrosion resistance and gives superior bearing support.



HIGH-TONNAGE, LOW CYCLE,
GRAVITY RETURN.



CYLINDERS

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 Height (in.)	Extended Height (in.)	Outside Dia. (in.)	Base to Port (in.)	Piston Rod Dia. (in.)	Piston Rod Protrusion (in.)					
55	2	R552C	22.1	4 ¹⁵ / ₁₆	6 ¹⁵ / ₁₆	5	1	3 ³ / ₄	1 ¹ / ₈	3 ³ / ₄	11.04	9,960	55.2	27
55	6	R556C	66.3	8 ¹⁵ / ₁₆	14 ¹⁵ / ₁₆	5	1	3 ³ / ₄	1 ¹ / ₈	3 ³ / ₄	11.04	9,960	55.2	50
55	10	R5510C	110.4	12 ¹⁵ / ₁₆	22 ¹⁵ / ₁₆	5	1	3 ³ / ₄	1 ¹ / ₈	3 ³ / ₄	11.04	9,960	55.2	72
100	2	R1002C	41.3	5 ¹ / ₂	7 ¹ / ₂	6 ¹ / ₂	1	5 ¹ / ₈	1 ¹ / ₈	5 ¹ / ₈	20.63	9,695	103.2	52
100	6	R1006C	123.8	9 ¹ / ₂	15 ¹ / ₂	6 ¹ / ₂	1	5 ¹ / ₈	1 ¹ / ₈	5 ¹ / ₈	20.63	9,695	103.2	89
150	2	R1502C	61.4	6 ³ / ₈	8 ³ / ₈	8 ¹ / ₁₆	1 ¹ / ₄	6 ¹ / ₄	1 ¹ / ₈	6 ¹ / ₄	30.68	9,778	153.4	92
150	6	R1506C	184.1	10 ³ / ₈	16 ³ / ₈	8 ¹ / ₁₆	1 ¹ / ₄	6 ¹ / ₄	1 ¹ / ₈	6 ¹ / ₄	30.68	9,778	153.4	151
150	10	R15010C	306.8	14 ³ / ₈	24 ³ / ₈	8 ¹ / ₁₆	1 ¹ / ₄	6 ¹ / ₄	1 ¹ / ₈	6 ¹ / ₄	30.68	9,778	153.4	210
200	2	R2002C	82.6	7 ¹ / ₂	9 ¹ / ₂	9 ¹ / ₄	1 ⁵ / ₈	7 ¹ / ₄	1 ¹ / ₈	7 ¹ / ₄	41.28	9,690	206.4	145
200	6	R2006C	247.7	11 ¹ / ₂	17 ¹ / ₂	9 ¹ / ₄	1 ⁵ / ₈	7 ¹ / ₄	1 ¹ / ₈	7 ¹ / ₄	41.28	9,690	206.4	221
280	2	R2802C	113.5	7 ¹ / ₂	9 ¹ / ₂	10 ¹ / ₄	1 ⁵ / ₈	8 ¹ / ₂	1 ¹ / ₈	8 ¹ / ₂	56.74	9,870	283.7	201
280	6	R2806C	340.4	11 ¹ / ₂	17 ¹ / ₂	10 ⁷ / ₈	1 ⁵ / ₈	8 ¹ / ₂	1 ¹ / ₈	8 ¹ / ₂	56.74	9,870	283.7	300
355	2	R3552C	141.8	9 ¹ / ₈	11 ¹ / ₈	11 ³ / ₄	2 ¹ / ₈	9 ¹ / ₂	1 ¹ / ₈	9 ¹ / ₂	70.88	10,017	354.4	302
355	6	R3556C	425.3	13 ¹ / ₈	19 ¹ / ₈	11 ³ / ₄	2 ¹ / ₈	9 ¹ / ₂	1 ¹ / ₈	9 ¹ / ₂	70.88	10,017	354.4	434
355	10	R35510C	708.8	17 ¹ / ₈	27 ¹ / ₈	11 ³ / ₄	2 ¹ / ₈	9 ¹ / ₂	1 ¹ / ₈	9 ¹ / ₂	70.88	10,017	354.4	565
430	2	R4302C	173.2	10 ³ / ₈	12 ³ / ₈	13	2 ¹ / ₂	10 ¹ / ₂	1 ¹ / ₈	10 ¹ / ₂	86.59	9,932	433.0	440
430	6	R4306C	519.5	14 ³ / ₈	20 ³ / ₈	13	2 ¹ / ₂	10 ¹ / ₂	1 ¹ / ₈	10 ¹ / ₂	86.59	9,932	433.0	609
565	2	R5652C	226.2	11 ¹ / ₂	13 ¹ / ₂	14 ⁷ / ₈	2 ³ / ₄	12	1 ¹ / ₈	12	113.10	9,991	565.5	638
565	6	R5656C	678.6	15 ¹ / ₂	21 ¹ / ₂	14 ⁷ / ₈	2 ³ / ₄	12	1 ¹ / ₈	12	113.10	9,991	565.5	858
565	10	R56510C	1131.0	19 ¹ / ₂	29 ¹ / ₂	14 ⁷ / ₈	2 ³ / ₄	12	1 ¹ / ₈	12	113.10	9,991	565.5	1078

For use with "RC" cylinders

Use with Cyl. No.	Swivel Cap Order No.	Wt. (lbs.)
150-200 ton	420867	8.8
280 ton	420868	13.5
355 ton	420869	37
430 ton	420870	52
565 ton	420871	78

SWIVEL CAPS

Reduce the effects of off center loading. Tilts up to 5 degrees. Radial grooves on top of cap reduce load slippage.

A (in.)	B (in.)
1 ¹ / ₂	5 ¹ / ₈
1 ³ / ₄	5 ⁷ / ₈
2 ³ / ₄	7 ¹¹ / ₁₆
3 ¹ / ₈	8 ⁷ / ₈
3 ⁵ / ₈	9 ⁷ / ₈

Reduce the effects of off-center loading. Tilts up to 5 degrees. Radial grooves on top of cap reduce load slippage. Notch across face of each cap helps keep loads having a protruding or round shaped centered.