

ALUMINUM CYLINDERS

SIMPLEX

RAL Series — Locknut Spring Return



Capacity Range► 50 - 150 tons

Stroke Range► 2 - 10 in.

Maximum Pressure► 10,000 psi

- Technical coating reduces wear & corrosion.
- Carrying handles standard on all models.
- Half the weight of steel cylinders.
- Locknuts offer extended load holding.
- Stop rings for piston blow out protection.
- Heavy duty spring for fast & full retraction.

RAL502 Shown



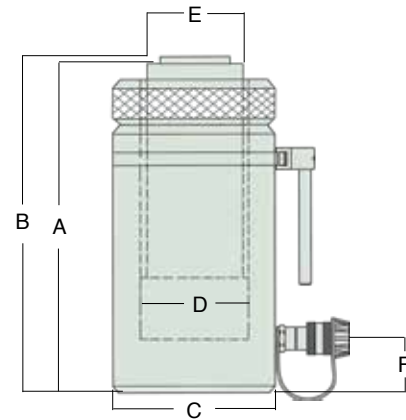
COUPLERS - pages 74 - 75

High flow quick disconnect couplers provide a quick change to a variety of pumps.



HOSES - pages 78 - 79

Heavy duty and thermo plastic hydraulic hoses to meet your requirements and safety factor.



Model	Cap. (tons)	Stroke (in)	Oil Capacity Required (cu.in.)	Effect Area (sq.in.)	Pressure @ Capacity (psi)	A	B	C	D	E	F	Wgt. (lbs)
						Minimum Height (in)	Extended Height (in)	Body O.D. (in)	Cylinder Bore Diameter (in)	Piston O.D. (in)	Base to Port C/L (in)	
RAL502	50	2	21.65	11.04	9058	8.13	10.13	5.5	3.75	3.13	1.5	20
RAL504	50	4	43.3	11.04	9058	10.13	14.13	5.5	3.75	3.13	1.5	25
RAL506	50	6	64.92	11.04	9058	12.13	18.13	5.5	3.75	3.13	1.5	30
RAL5010	50	10	108.2	11.04	9058	16.13	26.13	5.5	3.75	3.13	1.5	40
RAL1002	100	2	40.51	20.68	9671	8.38	10.38	8	5.13	4.25	1.5	45
RAL1004	100	4	81	20.68	9671	10.38	14.38	8	5.13	4.25	1.5	55
RAL1006	100	6	121.5	20.68	9671	12.38	18.38	8	5.13	4.25	1.5	64
RAL10010	100	10	202.5	20.68	9671	16.38	26.38	8	5.13	4.25	1.5	82
RAL1502	150	2	60.6	30.68	9778	8.38	10.38	10	6.25	5	1.5	65
RAL1506	150	6	181.8	30.68	9778	12.38	18.38	10	6.25	5	1.5	101
RAL15010	150	10	303	30.68	9778	16.38	26.38	10	6.25	5	1.5	156