

THE **RAP-SERIES** IS A SINGLE ACTING LIGHTWEIGHT SPRING RETURN ALUMINUM PULL CYLINDER. IT IS USED IN STEEL STRUCTURAL WORKS, SHIP BUILDING AND TOWER TENSIONING.

All RAP-Series cylinders feature a hard chrome steel piston rod and bronze overlay on the piston bearing area. Clevis eyes can be removed to allow use of the body and piston rod threads.

RAP-506

RAP-306

RAP-206

RAP-106

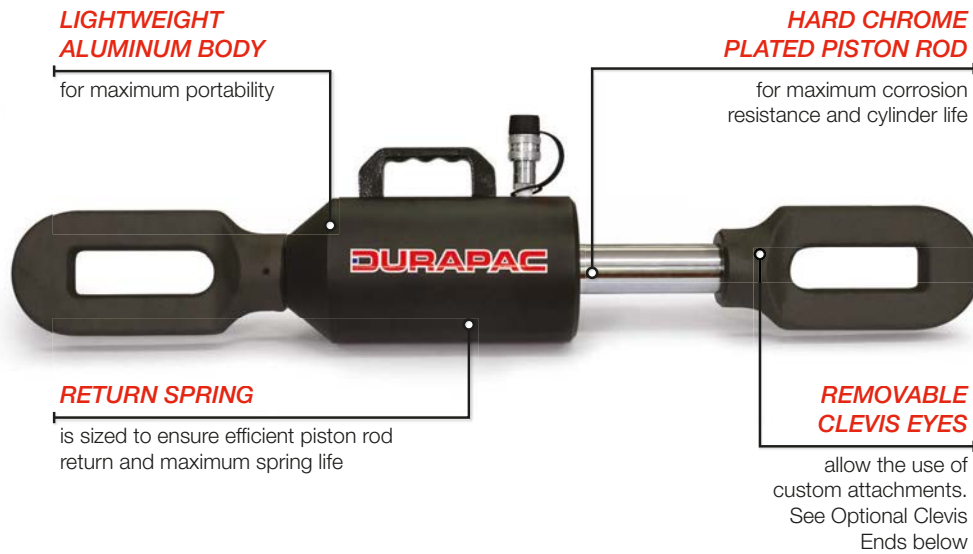


Model Number	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in ²)	Oil Capacity (in ³)
RAP-106	10	12.3	5.91	2.43	14.40
RAP-206	20	22.2	5.91	4.37	25.87
RAP-306	30	34.6	5.91	6.82	40.28
RAP-506	50	56.7	5.91	11.18	66.03

* Nominal Cylinder Capacity in ton - see max. values for actual capacity

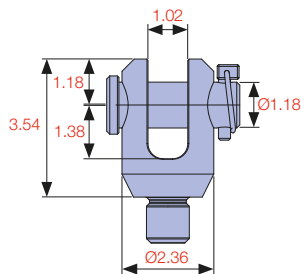
SINGLE ACTING ALUMINUM PULL CYLINDERS

HYDRAULIC CYLINDERS

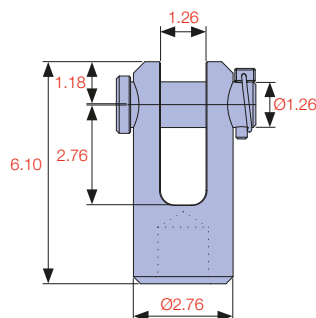


OPTIONAL CLEVIS ENDS

Note: 2 x Clevis and Pin Sets required per cylinder



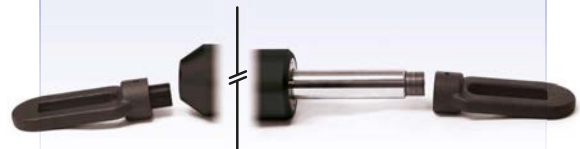
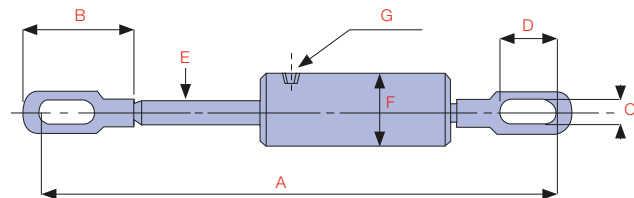
RAP-106-CA suits RAP-106



RAP-206-FCA suits RAP-206

Standard End Threads

Model Number	Base Thread	Piston Rod Thread
RAP-106	M28 x 2.0 female	M28 x 2.0 female
RAP-206	M39 x 3.0 male	M39 x 3.0 male
RAP-306	M45 x 2.5 male	M45 x 2.5 male
RAP-506	M50 x 3.0 male	M50 x 3.0 male



A Extended Height (in)	B Clevis Length (in)	C Clevis Eye Height (in)	D Clevis Eye Length (in)	E Piston Rod Diameter (in)	F Cylinder Diameter (in)	G Port Thread Type	Weight (lbs)	Model Number	Handle Type
30.04	6.73	1.18	4.53	1.57	3.46	3/8"-NPTF	22.7	RAP-106	♠
31.85	7.91	1.38	5.12	1.77	4.25	3/8"-NPTF	30.6	RAP-206	♠
34.45	9.09	1.73	5.71	1.97	4.92	3/8"-NPTF	41.9	RAP-306	♠
35.31	10.75	1.97	5.91	2.13	6.22	3/8"-NPTF	75.0	RAP-506	♠

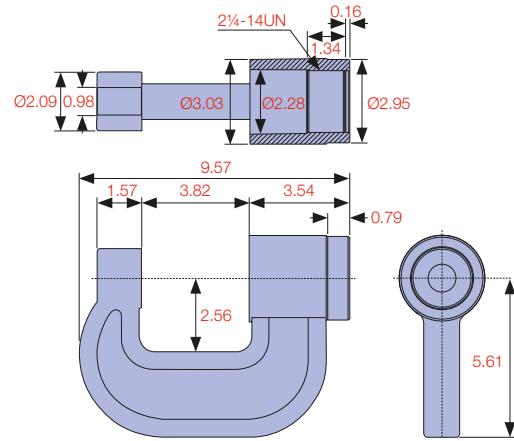
HANDLE TYPE: ♠ THREAD

CYLINDER ACCESSORIES

HYDRAULIC CYLINDERS

C

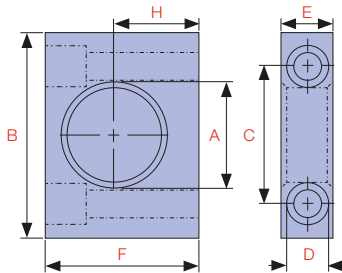
DCC-10 CLAMP



Weight: 10.6 lbs
(without cylinder)

DCC-10 CLAMP MAY BE USED WITH A RG-106 10 TON CYLINDER^

FOOT MOUNTING FOR USE WITH RETAINING NUT

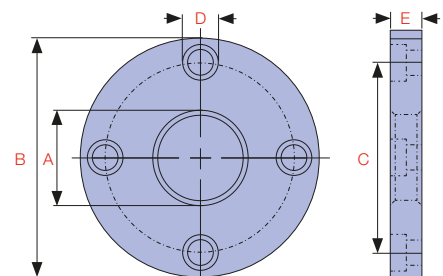


Model No.	Cylinder Capacity (ton)	Dimensions (in)							Suits Model
		A	B	C	D	E	F	H	
RAD-141	4	1.38	3.00	2.28	0.41	0.79	2.24	1.25	RDP 4 ton
RAD-171	9	2.00	4.00	3.07	0.53	0.98	3.25	1.75	RDP 9 ton
RAD-181	16	2.63	5.00	3.75	0.79	1.38	3.94	2.06	RDP 16 ton
RAD-191	25	3.25	6.25	4.63	1.04	1.77	4.92	2.50	RDP 25 ton



FLANGE MOUNTING FOR USE WITH RETAINING NUT

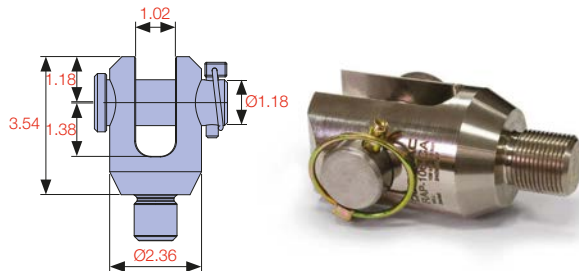
Model No.	Cylinder Capacity (ton)	Dimensions (in)					Suits Model
		A	B	C	D	E	
RAD-142	4	1.38	3.88	3.09	0.41	0.75	RDP 4 ton
RAD-172	9	2.00	4.75	3.88	0.41	1.00	RDP 9 ton
RAD-182	16	2.63	5.62	4.56	0.53	1.38	RDP 16 ton
RAD-192	25	3.25	6.50	5.34	0.66	1.75	RDP 25 ton



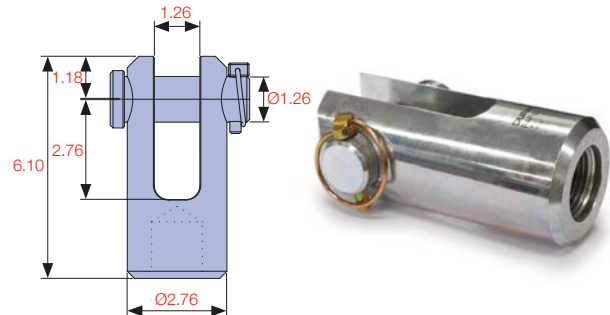
^ RG cylinder sold separately

OPTIONAL CLEVIS ENDS

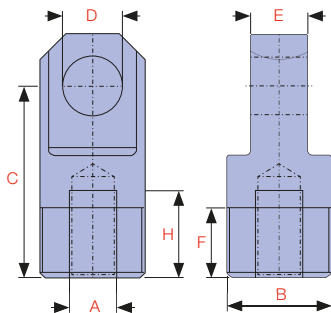
Note: 2 x Clevis and Pin Sets required per cylinder



RAP-106-CA suits RAP-106



RAP-206-FCA suits RAP-206



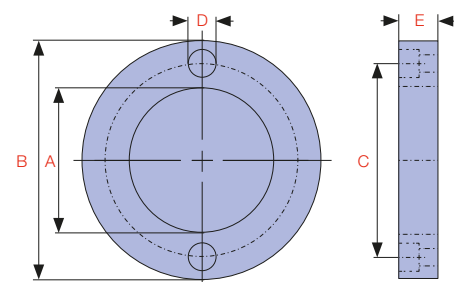
CLEVIS EYE

Model No.	Cylinder Capacity (ton)	Dimensions (in)							Suits Model
		A	B	C	D	E	F	H	
RAD-150**	4	1/2"-20	1-1/8"-20	2.06	0.63	0.63	0.75	0.94	RDP 4 ton
RAD-151**	9	3/4"-16	1-11/16"-18	2.25	0.79	1.00	1.00	0.94	RDP 9 ton
RAD-152**	16	1-1/8"-12	2-3/16"-16	3.06	0.98	1.25	1.00	1.19	RDP 16 ton
RAD-153**	25	1-1/2"-12	2-3/4"-16	3.06	1.26	1.50	1.00	1.06	RDP 25 ton



RETAINING NUT

Model No.	Cylinder Capacity (ton)	Dimensions (in)					Suits Model
		A	B	C	D	E	
RAD-143	4	1-3/8"-12	2.24	1.95	0.25	0.37	RDP 4 ton
RAD-173	9	2"-12	2.95	2.58	0.26	0.50	RDP 9 ton
RAD-183	16	2-5/8"-16	3.60	3.19	0.26	0.75	RDP 16 ton
RAD-193	25	3-1/4"-16	4.25	3.80	0.26	1.00	RDP 25 ton



**See RDP-Series table for Clevis Eye Mounting Dimensions (L, L1 & M)