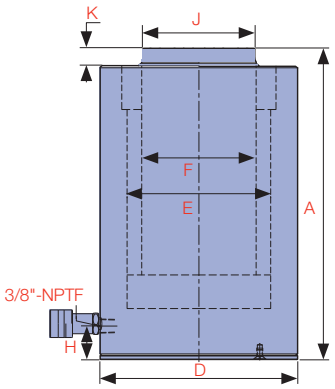
AC SERIES

DURAPAC

SINGLE ACTING ALUMINUM CYLINDERS

THE **AC-SERIES** IS A SINGLE ACTING LIGHTWEIGHT HIGH STRENGTH ALUMINUM SPRING RETURN CYLINDER. IT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

A special anodizing treatment on the piston rod, cylinder bore and body resists damage and extends cylinder life. All cylinders incorporate a steel base plate for extra protection.



Model No.	Cylinder Capacity ton* / max.		Stroke (in)	Cylinder Effective Area (in^2)	Oil Capacity (in^3)	A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)
AC-202	20	24.6	1.97	4.84	95.47	6.69	8.66	3.35	2.48
AC-204		24.6	3.94	4.84	190.94	8.66	12.60	3.35	2.48
AC-206		24.6	5.91	4.84	286.42	10.63	16.54	3.35	2.48
AC-302	30	34.8	1.97	6.85	135.25	7.09	9.06	3.94	2.95
AC-304		34.8	3.94	6.85	270.50	9.06	12.99	3.94	2.95
AC-306		34.8	5.91	6.85	405.76	11.02	16.93	3.94	2.95
AC-502	50	61.8	1.97	12.17	240.52	7.87	9.84	5.31	3.94
AC-504		61.8	3.94	12.17	480.42	9.84	13.78	5.31	3.94
AC-506		61.8	5.91	12.17	720.94	11.81	17.72	5.31	3.94
AC-508		61.8	7.87	12.17	961.45	13.78	21.65	5.31	3.94
AC-5010		61.8	9.84	12.17	1,201.97	15.75	25.59	5.31	3.94
AC-754	75	89.0	3.94	17.53	692.17	10.43	14.37	6.50	4.72
AC-756		89.0	5.91	17.53	1,007.96	12.40	18.31	6.50	4.72
AC-758		89.0	7.87	17.53	1,384.34	14.37	22.24	6.50	4.72
AC-7510		89.0	9.84	17.53	1,730.12	16.34	26.18	6.50	4.72
AC-1004	100	121.0	3.94	23.85	941.87	11.02	14.96	7.48	5.51
AC-1006		121.0	5.91	23.85	1,413.11	12.99	18.90	7.48	5.51
AC-1008		121.0	7.87	23.85	1,884.35	14.96	22.83	7.48	5.51
AC-10010		121.0	9.84	23.85	2,354.98	16.93	26.77	7.48	5.51
AC-1504	150	178.6	3.94	35.19	1,389.24	11.81	15.75	9.06	6.69
AC-1506		178.6	5.91	35.19	2,083.86	13.78	19.69	9.06	6.69
AC-1508		178.6	7.87	35.19	2,778.48	15.75	23.62	9.06	6.69
AC-15010		178.6	9.84	35.19	3,473.10	17.72	27.56	9.06	6.69
AC-2004	200	247.2	3.94	48.70	1,922.90	12.60	16.54	10.63	7.87
AC-2006		247.2	5.91	48.70	2,883.74	14.57	20.47	10.63	7.87

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

HARDENED GROOVED LOAD CAP
to prevent piston rod damage. Optional tilt saddles available

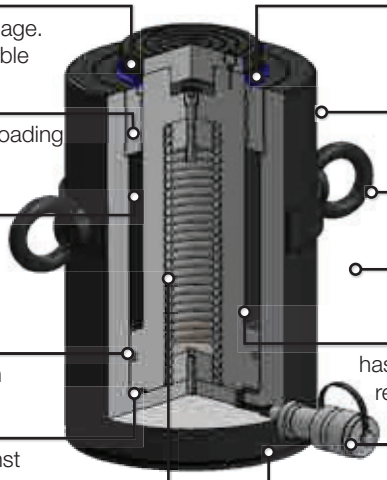
GLAND NUT
withstands full dead end loading

CYLINDER BORE
has a special anodizing treatment to resist wear, corrosion and damage

COMPACT SEAL
resists wear and extrusion

BEARING SURFACE
large area to protect against side loading

RETURN SPRING
heavy duty for faster retraction



PISTON ROD WIPER
reduces contaminants and improves service life of cylinder

ANODIZED FINISH
resists damage

HANDLE
is removable

LIGHTWEIGHT
high strength aluminum materials

PISTON ROD
has a special anodizing treatment to resist wear, corrosion and damage

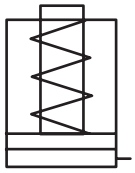
PARKER
industry standard high flow coupling for compatibility

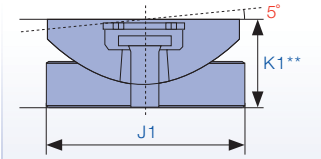
MILD STEEL BASE PLATE
protects base

CAPACITY RANGE
20 - 200 ton

STROKE RANGE
1.97 - 9.84 in

MAXIMUM OPERATING PRESSURE
10,150 psi





F Piston Rod Diameter (in)	H Base to Advance Port (in)	J Standard Load Cap Diameter (in)	K Load Cap Protrusion from Piston Rod (in)	Optional Tilt Saddle			Weight (lbs)
				Model Number	J1 Diameter (in)	K1** Height (in)	
1.97	0.98	1.89	0.47	TSAC-20	1.89	0.98	6.0
1.97	0.98	1.89	0.47	TSAC-20	1.89	0.98	7.5
1.97	0.98	1.89	0.47	TSAC-20	1.89	0.98	8.8
2.36	0.98	2.28	0.55	TSAC-30	2.17	1.06	8.8
2.36	0.98	2.28	0.55	TSAC-30	2.17	1.06	10.8
2.36	0.98	2.28	0.55	TSAC-30	2.17	1.06	12.8
3.15	0.98	3.07	0.67	TSAC-50	2.91	1.06	18.7
3.15	0.98	3.07	0.67	TSAC-50	2.91	1.06	22.1
3.15	0.98	3.07	0.67	TSAC-50	2.91	1.06	25.4
3.15	0.98	3.07	0.67	TSAC-50	2.91	1.06	28.7
3.15	0.98	3.07	0.67	TSAC-50	2.91	1.06	32.0
3.94	1.38	3.86	0.75	TSAC-75	3.86	1.34	34.2
3.94	1.38	3.86	0.75	TSAC-75	3.86	1.34	39.7
3.94	1.38	3.86	0.75	TSAC-75	3.86	1.34	46.3
3.94	1.38	3.86	0.75	TSAC-75	3.86	1.34	52.9
4.33	1.38	4.25	0.79	TSAC-100	4.06	1.34	47.4
4.33	1.38	4.25	0.79	TSAC-100	4.06	1.34	54.0
4.33	1.38	4.25	0.79	TSAC-100	4.06	1.34	60.6
4.33	1.38	4.25	0.79	TSAC-100	4.06	1.34	68.4
5.51	1.57	5.43	0.79	TSAC-150	5.24	1.57	78.3
5.51	1.57	5.43	0.79	TSAC-150	5.24	1.57	89.3
5.51	1.57	5.43	0.79	TSAC-150	5.24	1.57	100.3
5.51	1.57	5.43	0.79	TSAC-150	5.24	1.57	111.4
6.30	1.77	6.22	1.02	TSAC-200	5.91	1.77	111.4
6.30	1.77	6.22	1.02	TSAC-200	5.91	1.77	124.6

** Total cylinder collapsed height with optional tilt saddle equals (dim. A - dim. K + dim. K1)

Durapac has a range of aluminum lightweight pumps to suit the ***aluminum cylinder range***

P-2200A

Caution...

Lightweight ***aluminum cylinders*** are ***not*** designed for production applications. Consult Durapac for details on high cycle applications