

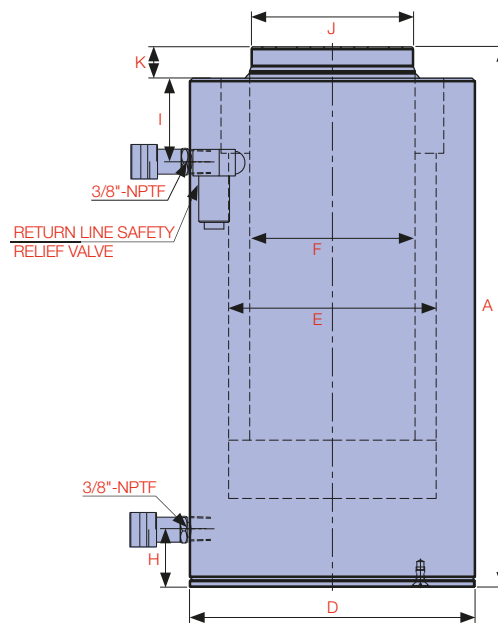


EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

ACD-508

THE **ACD-SERIES** IS A DOUBLE ACTING LIGHTWEIGHT ALUMINUM CYLINDER. IT IS IDEAL FOR USE IN APPLICATIONS WHERE WEIGHT AND PORTABILITY ARE PARAMOUNT.

ACD-Series cylinders are perfect for bridge lifting, machinery maintenance and other non-production applications. All cylinders incorporate a steel base plate for extra protection.



Model Number	Cylinder Capacity ton* / max.			Stroke (in)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (in)	B Extended Height (in)	D Outside Diameter (in)	E Cylinder Bore Diameter (in)
	ton*	Advance	Retract		Advance (in ²)	Retract (in ²)	Advance (in ³)	Retract (in ³)				
ACD-204	20	24.6	9.0	3.94	4.84	1.78	19.04	7.02	10.24	14.17	3.74	2.48
ACD-2010		24.6	9.0	9.84	4.84	1.78	47.54	17.57	16.93	26.77	3.74	2.48
ACD-306	30	34.8	16.0	5.91	6.85	3.16	40.46	18.00	13.19	19.09	3.94	2.95
ACD-308		34.8	16.0	7.87	6.85	3.16	54.01	23.98	15.16	23.03	3.94	2.95
ACD-506	50	61.8	31.6	5.91	12.17	6.22	71.89	21.97	13.78	19.69	5.31	3.94
ACD-508		61.8	31.6	7.87	12.17	6.22	95.81	29.29	15.75	23.62	5.31	3.94
ACD-1006	100	121.0	46.3	5.91	23.85	9.13	140.90	28.31	14.76	20.67	7.48	5.51
ACD-1506	150	178.6	57.4	5.91	35.19	11.32	207.79	41.56	15.35	21.26	9.06	6.69
ACD-2006	200	247.2	108.1	5.91	48.70	21.30	287.54	90.07	16.34	22.24	10.63	7.87

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



HARDENED GROOVED LOAD CAP

to prevent piston rod damage

GLAND NUT

withstands full dead end loading

CYLINDER BORE

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

HANDLE

is removable

COMPACT SEAL

resists wear and extrusion

BEARING SURFACE

large area to protect against side loading

ANODIZED FINISH

resists damage

PISTON ROD WIPER

reduces contaminants and improves service life of cylinder

SAFETY PRESSURE

relief valve protects cylinder from intensification

PISTON ROD

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

LIGHTWEIGHT

high strength aluminum materials

PARKER

industry standard high flow couplings for compatibility



CAPACITY RANGE

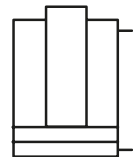
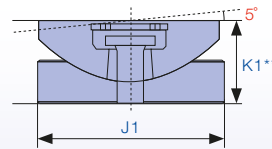
20 - 200 ton

STROKE RANGE

3.94 - 9.84 in

MAXIMUM OPERATING PRESSURE

10,150 psi



F Piston Rod Diameter (in)	H Base to Advance Port (in)	I Top to Return 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	2.17	1.89	0.59	TSAC-20	1.97	1.06	11.0
1.97	2.17	2.17	1.89	0.59	TSAC-20	1.97	1.06	18.7
2.17	0.98	2.48	2.09	0.71	TSAC-30	2.17	1.06	15.4
2.17	0.98	2.48	2.09	0.71	TSAC-30	2.17	1.06	18.7
2.76	0.98	2.95	2.64	0.71	TSAC-50	2.91	1.06	27.6
2.76	0.98	2.95	2.64	0.71	TSAC-50	2.91	1.06	32.0
4.33	1.18	3.35	4.17	0.79	TSAC-100	4.06	1.34	59.5
5.51	1.57	3.35	5.39	0.83	TSAC-150	5.24	1.57	90.4
5.91	1.77	3.35	5.75	1.10	TSAC-200	5.91	1.77	127.9

** 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-2200AD



Caution...

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