

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 anodising treatment to resist wear, corrosion and damage

LIGHTWEIGHT

high strength aluminium materials

COMPACT SEAL

resists wear and extrusion

BEARING SURFACE

large area to protect against side loading

MILD STEEL BASE PLATE

protects base

ANODISED FINISH

resists damage

PISTON ROD WIPER

reduces contaminants and improves service life of cylinder

SAFETY PRESSURE

relief valve protects cylinder from intensification

HANDLE

is removable

PLATED STEEL INNER TUBE

for maximum corrosion resistance

PISTON ROD

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

PARKER

industry standard high flow couplings for compatibility



CAPACITY RANGE

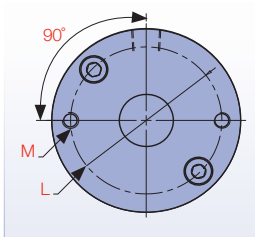
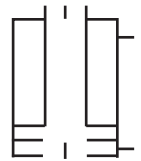
30 - 100 ton

STROKE RANGE

75 - 250 mm

MAXIMUM OPERATING PRESSURE

700 bar



F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	I Top to Return Port (mm)	J Standard Load Cap Diameter (mm)	K Load Cap Protrusion from Piston Rod (mm)	L PCD x No. of Holes	M Thread Size	Thread Depth (mm)	Y Centre Hole Diameter (mm)	Weight (kg)
65	50	65	62	16	90 x 2	M10	17	33	7.5
65	50	65	62	16	90 x 2	M10	17	33	8.2
65	50	65	62	16	90 x 2	M10	17	33	9.2
65	50	65	62	16	90 x 2	M10	17	33	11.5
90	55	65	87	18	110 x 2	M12	20	42	14.5
90	55	65	87	18	110 x 2	M12	20	42	15.5
90	55	65	87	18	110 x 2	M12	20	42	17.5
100	58	70	97	18	125 x 2	M12	20	54	19.0
100	58	70	97	18	125 x 2	M12	20	54	20.0
100	58	70	97	18	125 x 2	M12	20	54	22.5
135	70	75	130	28	165 x 2	M16	24	77	36.0
135	70	75	130	28	165 x 2	M16	24	77	38.5
135	70	75	130	28	165 x 2	M16	24	77	43.0

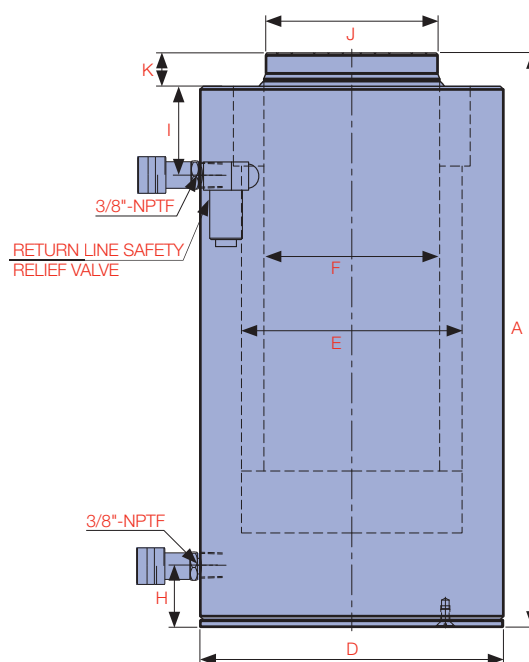
Caution...

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



THE **ACD-SERIES** IS A DOUBLE ACTING LIGHTWEIGHT ALUMINIUM 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.



EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

ACD-508

Model Number	Cylinder Capacity			Stroke (mm)	Cylinder Effective Area		Oil Capacity		A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)
	ton*	Advance kN	Retract kN		Advance (cm ²)	Retract (cm ²)	Advance (cm ³)	Retract (cm ³)				
ACD-204	20	214	78	100	31.2	11.5	312	115	260	360	95	63
ACD-2010		214	78	250	31.2	11.5	779	288	430	680	95	63
ACD-306	30	303	140	150	44.2	20.4	663	295	335	485	100	75
ACD-308		303	140	200	44.2	20.4	884	393	385	585	100	75
ACD-506	50	538	275	150	78.5	40.1	1,178	360	350	500	135	100
ACD-508		538	275	200	78.5	40.1	1,570	480	400	600	135	100
ACD-1006	100	1,056	404	150	153.9	58.9	2,309	464	375	525	190	140
ACD-1506	150	1,558	501	150	227.0	73.0	3,405	681	390	540	230	170
ACD-2006	200	2,156	943	150	314.2	137.4	4,712	1,476	415	565	270	200

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