

SINGLE ACTING ALUMINIUM CYLINDERS

HYDRAULIC CYLINDERS

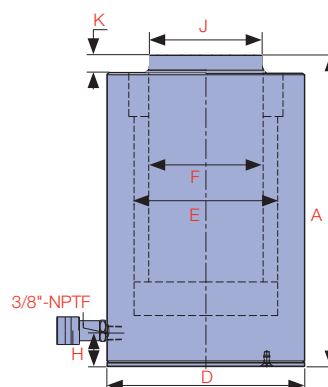


EXCEEDS
ANSI/ASME B30.1
SAFETY
STANDARDS

AC-1006

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

A special anodising 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* / kN		Stroke (mm)	Cylinder Effective Area (cm ²)	Oil Capacity (cm ³)	A Collapsed Height (mm)	B Extended Height (mm)	D Outside Diameter (mm)	E Cylinder Bore Diameter (mm)
AC-202	20	213	50	31.2	156	170	220	85	63
AC-204		213	100	31.2	312	220	320	85	63
AC-206		213	150	31.2	468	270	420	85	63
AC-302	30	303	50	44.2	221	180	230	100	75
AC-304		303	100	44.2	442	230	330	100	75
AC-306		303	150	44.2	663	280	430	100	75
AC-502	50	539	50	78.5	393	200	250	135	100
AC-504		539	100	78.5	785	250	350	135	100
AC-506		539	150	78.5	1,178	300	450	135	100
AC-508		539	200	78.5	1,571	350	550	135	100
AC-5010		539	250	78.5	1,964	400	650	135	100
AC-754	75	776	100	113.1	1,131	260	365	165	120
AC-756		776	150	113.1	1,697	310	465	165	120
AC-758		776	200	113.1	2,262	360	565	165	120
AC-7510		776	250	113.1	2,828	410	665	165	120
AC-1004	100	1,056	100	153.9	1,539	280	380	190	140
AC-1006		1,056	150	153.9	2,309	330	480	190	140
AC-1008		1,056	200	153.9	3,079	380	580	190	140
AC-10010		1,056	250	153.9	3,848	430	680	190	140
AC-1504	150	1,558	100	227.0	2,270	300	400	230	170
AC-1506		1,558	150	227.0	3,405	350	500	230	170
AC-1508		1,558	200	227.0	4,540	400	600	230	170
AC-15010		1,558	250	227.0	5,675	450	700	230	170
AC-2004	200	2,156	100	314.2	3,142	320	420	270	200
AC-2006		2,156	150	314.2	4,712	370	520	270	200

* Nominal Cylinder Capacity in ton - see kN 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 anodising 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

ANODISED FINISH

resists damage

HANDLE

is removable

LIGHTWEIGHT

high strength aluminium materials

PISTON ROD

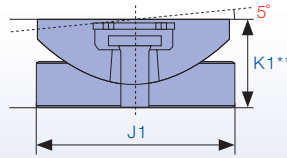
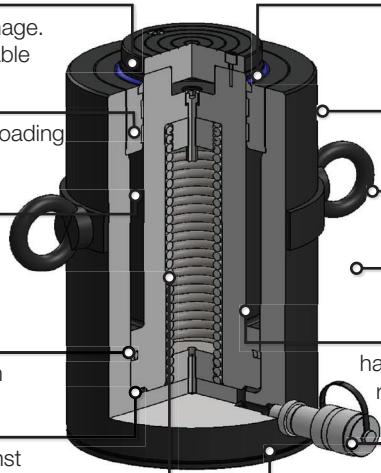
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PARKER

industry standard high flow coupling for compatibility

MILD STEEL BASE PLATE

protects base



CAPACITY RANGE

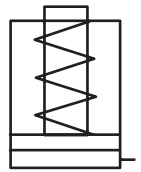
20 - 200 ton

STROKE RANGE

50 - 250 mm

MAXIMUM OPERATING PRESSURE

700 bar



F Piston Rod Diameter (mm)	H Base to Advance Port (mm)	J Standard Load Cap Diameter (mm)	K Load Cap Protrusion from Piston Rod (mm)	Optional Tilt Saddle			Weight (kg)
				Model Number	J1 Diameter (mm)	K1** Height (mm)	
50	25	48	12	TSAC-20	48	25	2.7
50	25	48	12	TSAC-20	48	25	3.4
50	25	48	12	TSAC-20	48	25	4.0
60	25	58	14	TSAC-30	55	27	4.0
60	25	58	14	TSAC-30	55	27	4.9
60	25	58	14	TSAC-30	55	27	5.8
80	25	78	17	TSAC-50	74	27	8.5
80	25	78	17	TSAC-50	74	27	10.0
80	25	78	17	TSAC-50	74	27	11.5
80	25	78	17	TSAC-50	74	27	13.0
80	25	78	17	TSAC-50	74	27	14.5
95	35	98	19	TSAC-75	98	34	14.0
95	35	98	19	TSAC-75	98	34	16.0
95	35	98	19	TSAC-75	98	34	18.0
95	35	98	19	TSAC-75	98	34	20.0
110	35	108	20	TSAC-100	103	34	21.5
110	35	108	20	TSAC-100	103	34	24.5
110	35	108	20	TSAC-100	103	34	27.5
110	35	108	20	TSAC-100	103	34	31.0
140	40	138	20	TSAC-150	133	40	35.5
140	40	138	20	TSAC-150	133	40	40.5
140	40	138	20	TSAC-150	133	40	45.5
140	40	138	20	TSAC-150	133	40	50.5
160	45	158	26	TSAC-200	150	45	50.5
160	45	158	26	TSAC-200	150	45	56.5



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



P-2200A



Caution...

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

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