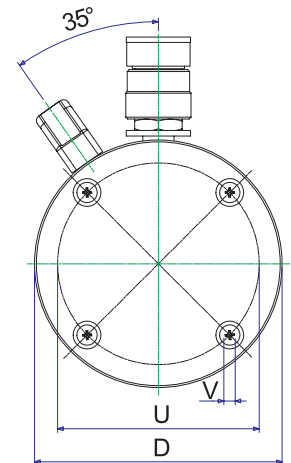
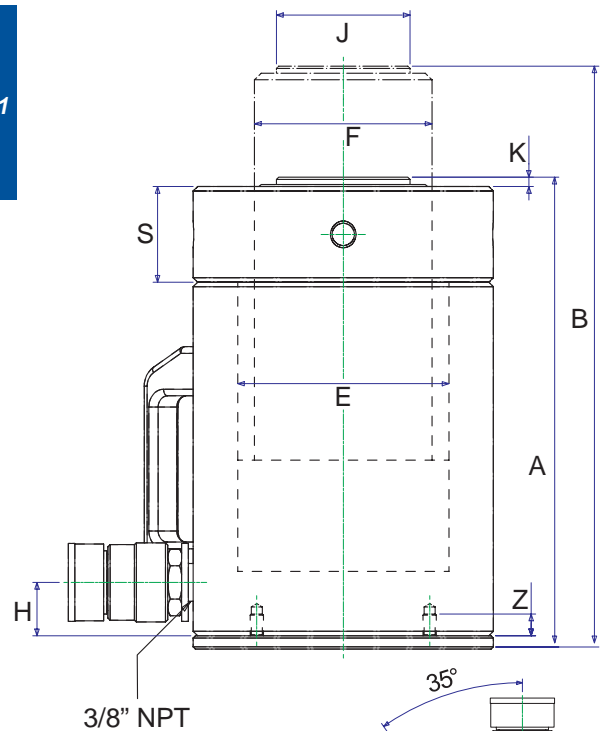




Meets or
exceeds
ASME B30.1



MODEL: CAL-SERIES

- Single Acting - Spring Return - Lock Nut
- Capacity : 20 - 100 Ton
- Stroke : 50mm - 250mm
- Maximum working pressure : 10,000 psi / 700 Bar

FEATURES

- Single Acting Aluminium Cylinder
- Up to half the weight of comparative steel cylinders
- Carry handle standard on all models
- Hard anodised coating reduces wear and corrosion
- Internal stop ring allows cylinder to withstand full dead end load

Base Plate Mounting Hole Dimensions

Model series	U (mm)	V (mm)	Z (mm)
CAL20	70	M6 x 1.0	10
CAL30	80	M6 x 1.0	10
CAL50	110	M6 x 1.0	10
CAL100	160	M6 x 1.0	10

SPECIFICATIONS

Model	Cap. Ton	Stroke (mm)	Oil Cap. (cc)	A Retracted Height (mm)	B Extended Height (mm)	Ø D (mm)	Ø E (mm)	F Lock Nut Thread (mm)	H (mm)	Ø J (mm)	K (mm)	S (mm)	Weight (kg)
CAL202	20	50.00	166	218	268	92	65	55 x 3	25	40	3	25	4.8
CAL204	20	100.00	322	268	368	92	65	55 x 3	25	40	3	25	5.5
CAL206	20	150.00	498	318	468	92	65	55 x 3	25	40	3	25	6.3
CAL208	20	200.00	664	418	618	92	65	55 x 3	25	40	3	25	6.9
CAL302	30	50.00	221	211	261	110	75	60 x 3	25	40	3	30	6.9
CAL304	30	100.00	442	231	361	110	75	60 x 3	25	40	3	30	7.7
CAL306	30	150.00	663	311	461	110	75	60 x 3	25	40	3	30	8.6
CAL308	30	200.00	884	361	561	110	75	60 x 3	25	40	3	30	9.6
CAL502	50	50.00	354.5	218	268	135	95	80 x 4	30	60	3	43	9.3
CAL504	50	100.00	709	268	368	135	95	80 x 4	30	60	3	43	10.7
CAL506	50	150.00	1063.5	318	468	135	95	80 x 4	30	60	3	43	13.7
CAL508	50	200.00	1418	368	568	135	95	80 x 4	30	60	3	43	14.5
CAL5010	50	250.00	1772.5	421	668	135	95	80 x 4	30	60	3	43	16.5
CAL1002	100	50.00	715	241	291	200	135	105 x 6	45	70	3	51	21.7
CAL1004	100	100.00	1430	291	391	200	135	105 x 6	45	70	3	51	25.2
CAL1006	100	150.00	25145	341	491	200	135	105 x 6	45	70	3	51	29.2
CAL1008	100	200.00	28760	391	591	200	135	105 x 6	45	70	3	51	33
CAL10010	100	250.00	3575	444	694	200	135	105 x 6	45	70	3	51	35.4