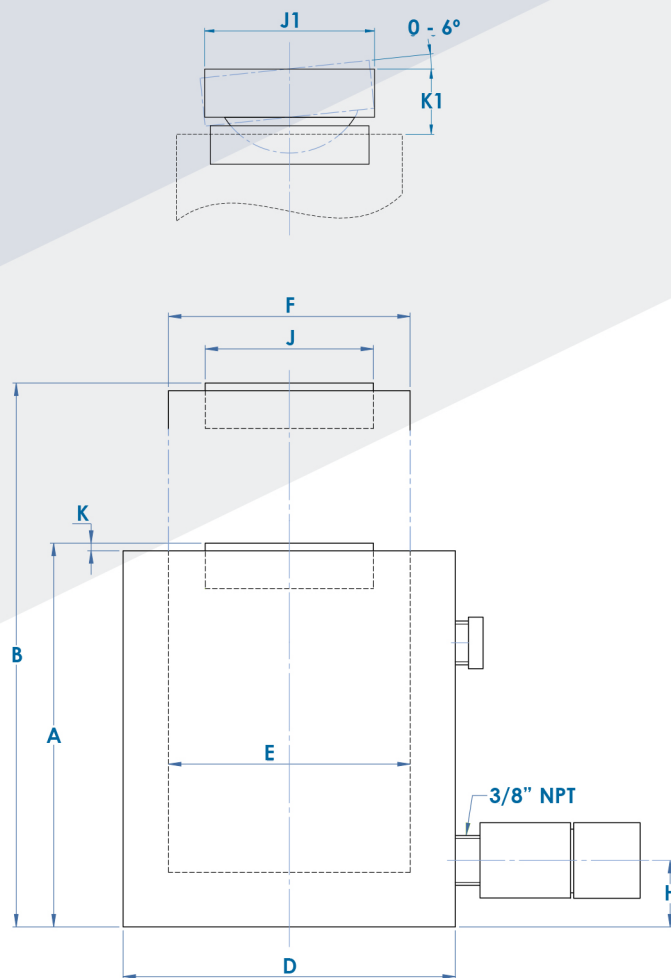


HIGH-TONNAGE

O SERIES



28



LOW-HEIGHT & HIGH-TONNAGE CYLINDER

LOAD RETURN, SINGLE-ACTING

O

- Reduced height for hard-to-reach areas.
- All parts nitrated to prevent rust and increase wear resistance.
- Furnished with a removable and grooved saddle. Optional tilt saddles.
- High-flow female quick plug coupling with dust cover as standard in all models.
- Flush or overflow hole working as a limit switch.
- Longer strokes on demand.



There are **tilt saddles** available for a safer use with non-centred loads and on uneven ground. See page 14.

Safety First: Best practices recommend not to go beyond **80 %** of the rated capacity, nor beyond **80 %** of the stroke length.





SINGLE-ACTING LOAD RETURN



Stroke
Up to 300 mm



Thrust
30 to 500 Tn

HIGH-TONNAGE

O SERIES

Rated Force tn	REF.	Stroke mm.	Maximum Forcea kN	Usable Cross-Section cm ²	Size (mm)										Oil Capacity cm ³	Weight Kg.
					A	B	D	E	F	J	J1	H	K	K1		
30,9	o03005	50	309,3	44,2	130	180	100	75	75	56	60	23	2	27	221	7,9
	o03010	100			180	280									442	11,0
	o03015	150			230	380									663	14,0
	o03020	200			280	480									884	17,1
	o03030	300			380	680									1.326	23,2
49,6	o05005	50	486,6	70,9	133	183	125	95	95	74	78	25	2	34	355	12,8
	o05010	100			183	283									709	17,3
	o05015	150			233	383									1.064	22,2
	o05020	200			283	483									1.418	26,9
	o05030	300			383	683									2.127	36,4
92,9	o10005	50	911,2	132,7	145	195	170	130	130	89	94	30	2	42	664	25,2
	o10010	100			195	295									1.327	34,0
	o10015	150			245	395									1.991	42,8
	o10020	200			295	495									2.654	51,6
	o10030	300			395	695									3.981	69,3
140,7	o14005	50	1380,2	201,1	165	215	205	160	160	113	138	35	2	49	1.006	41,7
	o14010	100			215	315									2.011	54,5
	o14015	150			265	415									3.017	67,4
	o14020	200			315	515									4.022	80,2
	o14030	300			415	715									6.033	105,8
198,5	o20005	50	1946,3	283,5	176	226	245	190	190	130	155	45	3	69	1.418	63,4
	o20015	150			276	426									4.253	100,1
	o20030	300			426	726									8.505	155,1
316,7	o30005	50	3105,5	452,4	207	257	310	240	240	160	185	53	5	91	2.262	118,7
	o30015	150			307	457									6.786	177,4
	o30030	300			457	757									13.572	265,5
400,8	o40005	50	3930,4	572,6	260	310	349	270	270	180	205	86	5	104	2.863	189,5
	o40015	150			360	510									8.589	263,9
	o40030	300			510	810									17.178	375,6
511,4	o50005	50	5015,4	730,6	269	319	394	305	305	230	260	88	5	115	3.653	250,3
	o50015	150			369	519									10.959	345,2
	o50030	300			519	819									21.918	487,6