

DOUBLE- ACTING

D SERIES



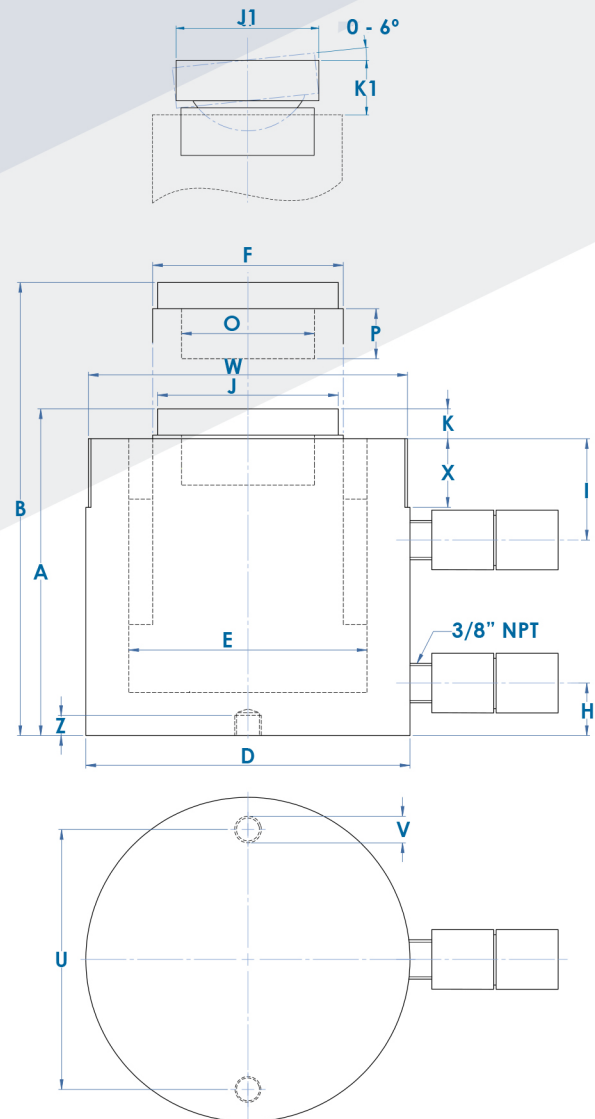
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DOUBLE-ACTING CYLINDER HIGH-TONNAGE

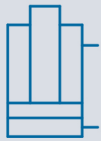
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- Designed to withstand up to 10 % of its maximum capacity with side load.
- Nitrated piston and lead-in top to prevent rust and increase wear resistance.
- Built-in safety valve to prevent overpressure.

- Equipped with a scraper in the piston to reduce the infiltration of dirt and to extend the cylinder service life.
- Furnished with a removable and grooved saddle. Optional tilt saddles.
- Threaded plunger and collar for an easier fastening of the cylinder.
- High-flow female quick plug couplings with dust cover as standard in all models.
- Longer strokes on demand.



DOUBLE-ACTING CYLINDER



DOUBLE-ACTING

QUICK AN CONTROLLED
RETRACTION



Stroke
Up to 350 mm



Thrust and traction
23 to 500 Tn

DOUBLE- ACTING

D SERIES



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

Aluminium Double-Acting Cylinders - **DA**.
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Rated Force	REF.	Stroke	Maxi- mum Forces	Usable Cross- Section	Size (mm)														Oil Capacity	Weight
					A	B	C	D	F	H	I	J	J1	K	K1	O	W	X		
tn		mm.	kN	cm ²															cm ³	Kg.
23,2	D02315	150	227,8	33,2	318	468	84	65	54	22	70	54	55	10	32	1 1/2 - 16 UN	3 5/16- 12UNS	49	498	12,9
30,9	D03005	50	303	44,2	237	287	100	75	57,5	37	79	54	55	12	34	1 1/2 - 16 UN	3 5/16- 12UNS	49	221	14,1
	D03010	100			287	387													442	15,3
	D03015	150			337	487													663	16,6
	D03020	200			387	587													884	18,9
	D03025	250			437	687													1.105	21,2
	D03030	300			487	787													1.326	23,5
	D03035	350			537	887													1.547	25,8
55	D05515	150	539,1	78,5	323	473	130	100	80	26	65	78	60	15	39	1 - 12 UNF	5 - 12 UN	45	1.178	28,6
	D05520	200			373	573													1.570	32,8
	D05525	250			423	673													1.963	36,6
	D05530	300			473	773													2.355	40,9
	D05535	350			523	873													2.748	44,8
92,9	D10015	150	911,2	132,7	355	505	175	130	105	46	70	96	79	15	46	1 3/4 - 12 UN	6 7/8 - 12 UN	50	1991	59,0
	D10025	250			455	705													3318	73,8
198,5	D20015	150	1946,3	283,5	356	506	242	190	150	61	65	113	138	5	52	-	-	-	4253	135,0
	D20025	250			456	706													7088	173,0
303,6	D30015	150	2977,4	433,7	412	562	304	235	170	78	82	130	155	5	71	-	-	-	6.506	210,0
	D30025	250			512	762													10.843	261,0
400,8	D40015	150	3930,4	572,6	417	567	349	270	210	84	90	160	185	5	91	-	-	-	8.589	301,0
	D40025	250			517	767													14.315	373,0
511,4	D50015	150	5015,4	730,6	439	589	392	305	240	90	92	180	205	5	104	-	-	-	10.959	388,0
	D50025	250			539	789													18.265	476,0