

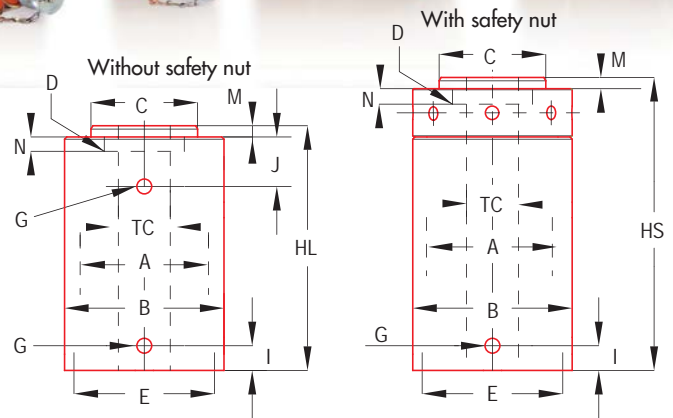
Thrust in all positions - Capacity of 20 to 210 tonnes

Description

The cylinders in the SC, SCR and DC ranges are equipped with hollow pistons allowing a shaft, bar, threaded rod or cable, etc. to pass through the piston. These cylinders may be used conventionally in push (for lifting for example) or pull (for tensioning, etc.) mode. In the S version, the threaded piston is equipped with a safety nut enabling mechanical securing of the load position or traction.

Specifications

- Single- or double-acting models
- Stroke 50 to 285 mm
- Hollow piston with transverse cylinder diameter of 20 to 120mm
- Piston return
 - using built-in spring (single-acting SCR range),
 - using hydraulic return (double-acting DC range)
 - using load return (single-acting SC range)
- Anti-seizing, corrosion-proof treatment
- On double-acting cylinders, safety valve on reverse mode to prevent any accidental pressure surge.
- Smooth or threaded piston with safety nut (S version)
- Guide and full load stop ring with wiper seal
- Threaded and detachable thrust head made of treated steel
- Screw-on female 1/2 coupler 3050.3 with protective cap on single-acting cylinders, inverted 1/2 couplers 3000-3 on double-acting cylinders.



On request

- Rear-threaded clamping holes
- Flat, hollow or tilting piston head

Cat Tonnes	Forces KN	Cross-section cm ²	Stroke mm	Oil volume dm ³	P/N		Without spring	With spring	ED	Mass kg			Dimensions in mm												
					Without nut	With nut				L	S	HL	HS	A	B	C	D	E	G	I	J	M	Hole TC	N	
20	220	31,41	50	0,157	SCR.20.50.L	SCR.20.50.S		•		8,4	9,2	190	205	70	92	48	M34 X2	4M10 depth 10 on Ø 65	3/8 NPT	22	5	20	15		
			100	0,323	SC.20.100.L	SC.20.100.S	•		7,5	8,3	190	205													
			100	0,323	SCR.20.100.L	SCR.20.100.S		•	11,7	12,5	274	289													
			185	0,587	SC.20.185.L	SC.20.185.S	•		10,4	11,1	274	289													
			160	0,487	DC.20.160.L			•	10,7		274														
35	357	51,06	75	0,383	SCR.35.75.L	SCR.35.75.S		•		17,1	18,8	246	266	90	118	60	M44 X2	4M10 depth 14 on Ø 95	3/8 NPT	25	7	30	20		
			145	0,756	SC.35.145.L	SC.35.145.S	•		15	16,7	246	266													
			150	0,765	SCR.35.150.L	SCR.35.150.S		•	26,1	27,8	384	404													
			275	1,404	SC.35.275.L	SC.35.275.S	•		22,6	24,3	384	404													
			265	1,353	DC.35.265.L			•	23		384														
50	528	75,4	75	0,566	SCR.50.75.L	SCR.50.75.S		•		26,4	29	254	274	110	145	73	M55 X2	4M10 depth 14 on Ø 115	3/8 NPT	25	7	40	20		
			150	1,131	SC.50.150.L	SC.50.150.S	•		24,2	26,8	254	274													
			150	1,131	SCR.50.150.L	SCR.50.150.S		•	40,5	43,1	398	418													
			275	2,096	SC.50.275.L	SC.50.275.S	•		35,2	37,8	398	418													
			275	2,096	DC.50.275.L			•	35,4		398														
80	807	115,42	50	0,577	DC.80.50.L			•	•	29,9		182		140	185	96	M74 X2	4M12 depth 14 on Ø 130	3/8 NPT	27	37	8	60		
			75	0,866	SCR.80.75.L	SCR.80.75.S	•		44,7	50	272	297													
			160	1,847	SC.80.160.L	SC.80.160.S		•	39,3	44,6	272	297													
			150	1,731	SCR.80.150.L	SCR.80.150.S	•		65,8	71,1	409	434													
			280	3,255	SC.80.280.L	SC.80.280.S		•	57,3	62,6	409	434													
			275	3,174	DC.80.275.L			•	58		409														
105	1056	150,84	50	0,754	DC.105.50.L			•	•	39,7		189		160	210	112	M84 X2	4M14 depth 17 on Ø 170	3/8 NPT	29	40	10	70		
			75	1,131	SCR.105.75.L	SCR.105.75.S	•		60,8	67,6	288	313													
			165	2,504	SC.105.165.L	SC.105.165.S		•	55,5	62,3	288	313													
			150	2,262	SCR.105.150.L	SCR.105.150.S	•		88,4	95,2	427	452													
			285	4,344	SC.105.285.L	SC.105.285.S		•	80,3	87,1	427	452													
			285	4,344	DC.105.285.L			•	78		427														
150	1484	2376	100	2,12	DC.150.100.L			•	•	95		300		195	257	160	M112 X3	4M16 depth 24 on Ø 220	3/7	37	70	15	90	20	
			150	3,18	DC.150.150.L			•	109		350														
			250	5,3	DC.150.250.L			•	137		450														
			150	4,478	DC.210.150.L			•	169,6		368														
210	2090	2827	250	7,462	DC.210.250.L			•	•	211		468		240	315	200	M150 X3	4M16 depth 28 on Ø 270	3/8 NPT	47	75	18	120	22	
			150	4,478	DC.210.150.L			•	169,6		368														