



PRODUCT
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**Cylinders for tensioning operations,
maintenance and testing**

CUSTOM CYLINDERS ON REQUEST



- Single acting hollow hydraulic cylinders with spring return, high pressure. Push force from 10 to 100 tons with range of strokes from 50 mm to 160 mm.

- Hydraulic cylinders with hollow center suitable for operations of tensioning, maintenance and testing; for cable tensioning operations, positioning bars in tensile structures, pulley assembly and disassembly, and cable and tie rod pulling tests.

- The guiding surfaces are sized to guarantee optimal performance in load offset absorption and stop-ring increases safety for the operator avoiding the over stroke of the piston.

- Equipped with high strength gaskets for maximum durability.

- 3/8" NPT female coupler with dust cap equipped and threaded section on the outer body of the cylinder.

- High strength head.

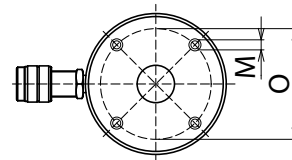
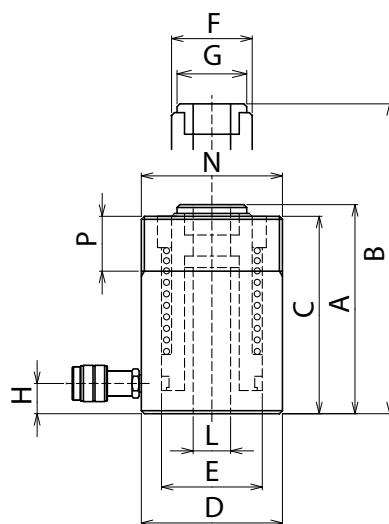
- External painting and Nitox ONC treatment on all mechanical components for maximum resistance against corrosion and wear up to 30 ton models. 60 ton and higher capacity models feature a Nitox ONC treatment on all mechanical parts.

- All models weighing more than 20 kg are equipped with lifting eyebolts.

- Possibility to design and produce custom made hydraulic cylinders on request, with dedicated geometries, performances and features.

CRM-FO

10-100 ton
Stroke 50-160 mm
700 bar



CRM-FO

CAP/Force	STROKE	MODEL	SECTION	VOLUME	MASS	DIMENSIONS (mm)												
ton (kN)	mm		cm ²	cm ³	kg	A	B	C	D	E	F	G	H	L	M	N	O	P
10 /116,8	50	CRM-10/50-FO	16,69	83	3,9	143	193	139	75	55	38	34,5	19	19,5	2xM8	M75x2	58	20
	80	CRM-10/80-FO	16,69	134	5	191	271	187	75	55	38	34,5	19	19,5	2xM8	M75x2	58	20
20 /229,9	50	CRM-20/50-FO	32,8	164	7,7	158	208	153	100	75	55	44,5	19	27,3	2xM8	M100x2	75	20
	100	CRM-20/100-FO	32,8	328	11,8	246	346	241	100	75	55	44,5	19	27,3	2xM8	M100x2	75	20
	160	CRM-20/160-FO	32,8	525	15,8	345	505	340	100	75	55	44,5	19	27,3	2xM8	M100x2	75	20
30 /300	50	CRM-30/50-FO	42,9	214	11,4	175	225	170	115	85	65	62	20	33,5	2xM10	M115x2	90	20
	100	CRM-30/100-FO	42,9	429	16,7	265	365	260	115	85	65	62	20	33,5	2xM10	M115x2	90	20
	150	CRM-30/150-FO	42,9	643	22,2	361	511	356	115	85	65	62	20	33,5	2xM10	M115x2	90	20
60 /589,6	75	CRM-60/75-FO	84,2	632	30	262	337	250	160	125	90	90	30	54,5	2xM12	M160x4	130	35
	150	CRM-60/150-FO	84,2	1264	37	337	487	325	160	125	90	90	30	54,5	2xM12	M160x4	130	35
100 /947	75	CRM-100/75-FO	135,3	1015	55	267	342	255	215	165	125	125	38	80,5	4xM12	M215x4	175	45

Different strokes and tonnages available.

BRIDGES - SPACERS CUSTOM REACTION TOOLS

Possibility of creating reaction bridges, custom spacers and specific equipment suitable for the installation on hollow cylinders.