



PRODUCT
PAGE

**Pulling force: for structure
approach operations**

CUSTOM CYLINDERS ON REQUEST



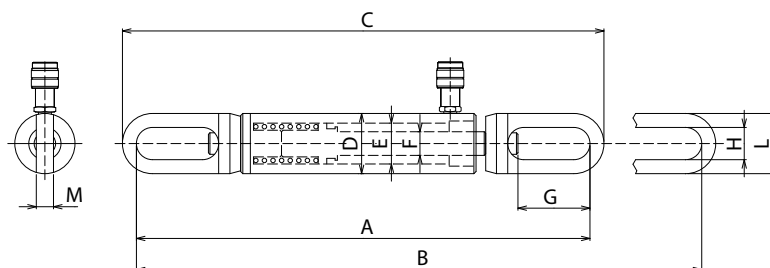
- Single acting, pulling hydraulic cylinders with spring return, high pressure. Pushing force from 2 to 100 tons with range of strokes from 75 mm to 160 mm.
- Cylinders that operate under a pulling force. Ideal for load approach and welding operations in the shipbuilding and heavy structural steelwork sectors.
- 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. CRM TR cylinders feature a threaded section on the body and piston to fit its accessories: chains, heads and extensions.
- External painting for maximum corrosion resistance or Nitox ONC treatment on all components for the maximum resistance to corrosion and wear.
- 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 TRA-TR

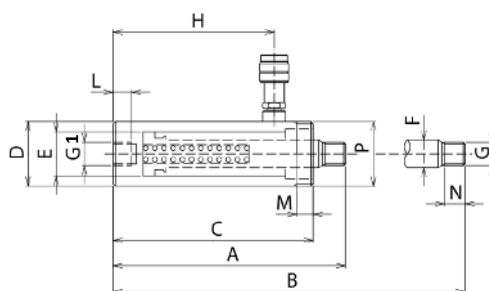
2-60 ton
Stroke 127-155 mm
700 bar



CRM-TRA



CRM-TR



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
10 /109	150	CRM-10/150-TRA	15,7	235	14,5	606	756	642	78	55	32	95	42	78
30 /304,3	155	CRM-30/155-TRA	40,84	648,5	38	810 - 914	965 - 1069	860 - 964	114	85	45	100	54	104
60 /613,1	155	CRM-60/155-TRA	84,23	1306	92,5	840	995	918	175	125	70	137	62	140

CAP/Force	STROKE	MODEL	SECTION	VOLUME	MASS	DIMENSIONS (mm)													
ton (kN)	mm		cm ²	cm ³	kg	A	B	C	D	E	F	G	G1	H	L	M	N	P	
2 /25	127	CRM-2/127-TR-B-SH	3,6	46	2,9	268	395	236	48	29	19	M16x1,5	3/4" NPT	194	18	25	18	1/2"-16	
5 /51	141	CRM-5/140-TR-SH	7,4	104	4,2	303	444	258	57	43	30	M28x1,5	1 1/4" NPT	220	24	25	22	2 1/4"-14	
10 /108	151	CRM-10/150-TR-SH	15,7	236	9,5	299	450	259	85	55	32	M30x2	M30x2	221	25	25	25	M85x2	

Different strokes and tonnages available.

- The eyelet can be used to adjust the extended and closed heights of the CRM30/75 TRA and CRM 30/155 TRA models.
- Construction on request of forks and pins, protective bellows and connectors or threads based on customer specifications.

