



## CRI-FO

30-150 ton  
Stroke 50-260 mm  
700 bar

Series  
**CRI-FO**

## Hollow cylinders with oil Return

### Cylinders for tensioning operations, maintenance and testing



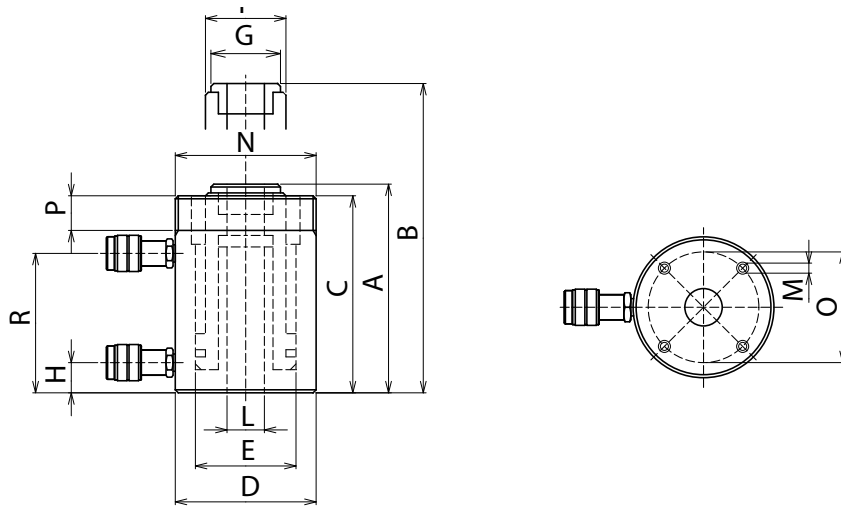
- Oil return hollow hydraulic cylinders, spring return, high pressure. Push force from 30 to 150 tons with range of strokes from 50 mm to 260 mm.
- Hydraulic cylinders with hollow center suitable for operations of tensioning, maintenance and testing; for cable tensioning operations, positioning bars 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 internal 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.

### CUSTOM CYLINDERS ON REQUEST





CRI-FO

CAP ton	STROKE mm	MODEL	FORCE max kN		SECTION cm <sup>2</sup>		VOLUME cm <sup>3</sup>		MASS kg	DIMENSIONS in mm													
			Push	Pull	Push	Pull	Push	Pull		A	B	C	D	E	F	G	H	L	M	N	O	P	R
<b>30</b>	150	CRI-30/150-F0	300,2	27,5	42,9	18,3	643	274	19	302	452	296	115	85	70	62	27	33,5	2xM10	M115x2	90	20	235
	260	CRI-30/260-F0	300,2	27,5	42,9	18,3	1115	475	25,6	412	672	406	115	85	70	62	27	33,5	2xM10	M115x2	90	20	345
<b>60</b>	75	CRI-60/75-F0	589,6	77,8	84,2	51,8	632	389	25,1	207	282	200	160	125	95	90	30	54,5	2xM12	M160x4	130	35	143
	160	CRI-60/160-F0	589,6	77,8	84,2	51,8	1348	830	33,4	292	452	285	160	125	95	90	30	54,5	2xM12	M160x4	130	35	228
	260	CRI-60/260-F0	589,6	77,8	84,2	51,8	2191	1348	43,3	392	652	385	160	125	95	90	30	54,5	2xM12	M160x4	130	35	328
<b>100</b>	75	CRI-100/75-F0	947	121,6	135,28	81,09	1015	608	52	242	317	235	215	165	130	125	38	80,5	4xM12	M215x4	175	45	164
	150	CRI-100/150-F0	947	121,6	135,28	81,09	2029	1216	65,5	317	467	310	215	165	130	125	38	80,5	4xM12	M215x4	175	45	239
	260	CRI-100/260-F0	947	121,6	135,28	81,09	3517	2108	85,4	427	687	420	215	165	130	125	38	80,5	4xM12	M215x4	175	45	349
<b>150</b>	200	CRI-150/200-F0	1435	160,2	205	106,8	4100	2136	101	354	554	350	247	190	150	139	38	80,5	-	-	-	-	287

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 double acting hollow cylinders.

