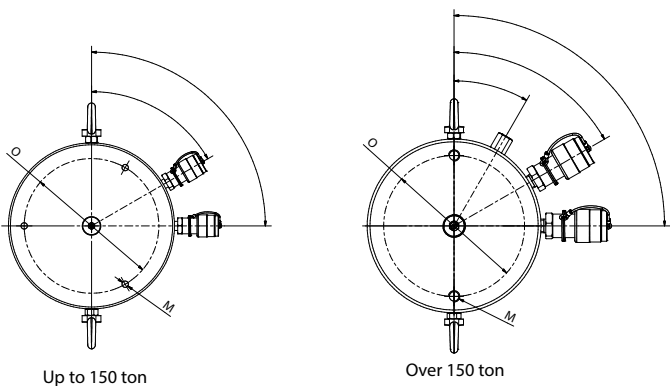
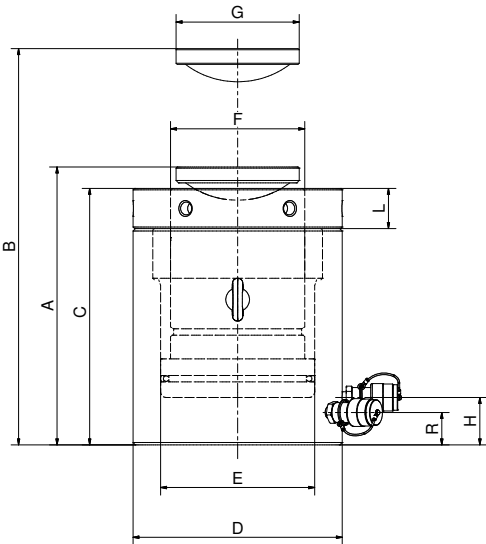


Series **CRI GS** | High tonnage cylinder, with lock nut, double acting



CRI GS TA



High tonnage lock nut with oil return

CUSTOM CYLINDERS ON REQUEST



- High tonnage hydraulic cylinders with lock nut, double acting, with rapid hydraulic return, high pressure. Push force from 30 to 600 tons with range of strokes from 50 mm to 300 mm on customer request.
- High tonnage hydraulic cylinders up to 3.000 ton, suitable for heavy usage, lifting operations, pushing and heavy lifting.
- Lock nut for safe load upkeep. The threaded nut allows the locking and the mechanical upkeep of the load even for very long periods of time with disconnected pump. The operator then has the opportunity to work under raised load in complete safety.
- The guiding surfaces are sized to guarantee optimal performance in load offset absorption and the stop ring increases safety for the operator avoiding the extra stroke of piston.
- Equipped with high-strength gaskets for maximum durability.
- 3/8” NPT female coupler with dust cap equipped.
- Removable high strength head and possibility of mounting a tilting saddle for better distribution of the load to be lifted.
- Nitox ONC treatment on all mechanical components for maximum resistance against corrosion and wear.
- All models weighing more than 20 kg are equipped with lifting eyebolts.

CAP/Force	STROKE	MODEL	SECTION cm²		VOLUME		MASS	DIMENSIONS in mm														MAX SADDLE INCLINATION	
ton (kN)	mm		Push	Pull	Push	Pull	kg	A	B	C	D	E	F	G	H	L	M	O	R	Alpha (°)	Beta (°)	Gamma (°)	(°)
50 /500,30	100	CRI-50-100-GS	71,47	16,69	714,71	166,90	27	277	377	256	135	100	TR85X6	96	45	28	M12x1,75	105	30,8	90	60	30	5
	150	CRI-50-150-GS	71,47	16,69	1072,07	250,35	31	327	477	306	135	100	TR85X6	96	45	28	M12x1,75	105	30,8	90	60	30	5
	200	CRI-50-200-GS	71,47	16,69	1429,42	333,79	35	377	577	356	135	100	TR85X6	96	45	28	M12x1,75	105	30,8	90	60	30	5
	250	CRI-50-250-GS	71,47	16,69	1786,78	417,24	39,5	427	677	406	135	100	TR85X6	96	45	28	M12x1,75	105	30,8	90	60	30	5
	300	CRI-50-300-GS	71,47	16,69	2144,14	500,69	43,5	477	777	456	135	100	TR85X6	96	45	28	M12x1,75	105	30,8	90	60	30	5
100 /1028,09	100	CRI-100-100-GS	146,87	16,69	1468,69	166,90	55	299	399	275	185	140	TR120X6	116	45	38	M12x1,75	150	30,8	90	60	30	5
	150	CRI-100-150-GS	146,87	16,69	2203,04	250,35	63,5	349	499	325	185	140	TR120X6	116	45	38	M12x1,75	150	30,8	90	60	30	5
	200	CRI-100-200-GS	146,87	16,69	2937,39	333,79	76	419	619	395	185	140	TR120X6	116	45	38	M12x1,75	150	30,8	90	60	30	5
	250	CRI-100-250-GS	146,87	16,69	3671,74	417,24	84	469	719	445	185	140	TR120X6	116	45	38	M12x1,75	150	30,8	90	60	30	5
	300	CRI-100-300-GS	146,87	16,69	4406,08	500,69	92,5	519	819	495	185	140	TR120X6	116	45	38	M12x1,75	150	30,8	90	60	30	5
150 /1500,90	100	CRI-150-100-GS	214,41	20,62	2144,14	206,17	87,5	316	416	290	225	170	TR145X6	146	51	44	M12x1,75	185	35,5	90	60	30	5
	150	CRI-150-150-GS	214,41	20,62	3216,21	309,25	99,5	366	516	340	225	170	TR145X6	146	51	44	M12x1,75	185	35,5	90	60	30	5
	200	CRI-150-200-GS	214,41	20,62	4288,27	412,33	117	434	634	408	225	170	TR145X6	146	51	44	M12x1,75	185	35,5	90	60	30	5
	250	CRI-150-250-GS	214,41	20,62	5360,34	515,42	130	484	734	458	225	170	TR145X6	146	51	44	M12x1,75	185	35,5	90	60	30	5
	300	CRI-150-300-GS	214,41	20,62	6432,41	618,50	142,5	534	834	508	225	170	TR145X6	146	51	44	M12x1,75	185	35,5	90	60	30	5

CAP/Force	STROKE	MODEL	SECTION cm²		VOLUME		MASS	DIMENSIONS in mm														MAX SADDLE INCLINA- TION	
ton (kN)	mm		Push	Pull	Push	Pull	kg	A	B	C	D	E	F	G	H	L	M	O	R	Alpha (°)	Beta (°)	Gamma (°)	(°)
200 /2002,57	100	CRI-200-100-GS	286,08	44,18	2860,81	441,79	134	352	452	325	265	195	TR170X6	156	60	51	M12x1,75	215	41	90	60	-	5
	150	CRI-200-150-GS	286,08	44,18	4291,22	662,68	151,5	402	552	375	265	195	TR170X6	156	60	51	M12x1,75	215	41	90	60	-	5
	200	CRI-200-200-GS	286,08	44,18	5721,63	883,57	176	469	669	442	265	195	TR170X6	156	60	51	M12x1,75	215	41	90	60	-	5
	250	CRI-200-250-GS	286,08	44,18	7152,03	1104,47	193	519	769	492	265	195	TR170X6	156	60	51	M12x1,75	215	41	90	60	-	5
	300	CRI-200-300-GS	286,08	44,18	8582,44	1325,36	210	569	869	542	265	195	TR170X6	156	60	51	M12x1,75	215	41	90	60	-	5
250 /2453,39	100	CRI-250-100-GS	350,48	44,18	3504,84	441,79	172	370	470	340	290	215	TR190X6	194	60	58	M12x1,75	245	41	90	60	-	5
	150	CRI-250-150-GS	350,48	44,18	5257,26	662,68	193	420	570	390	290	215	TR190X6	194	60	58	M12x1,75	245	41	90	60	-	5
	200	CRI-250-200-GS	350,48	44,18	7009,68	883,57	225	490	690	460	290	215	TR190X6	194	60	58	M12x1,75	245	41	90	60	-	5
	250	CRI-250-250-GS	350,48	44,18	8762,10	1104,47	246	540	790	510	290	215	TR190X6	194	60	58	M12x1,75	245	41	90	60	-	5
	300	CRI-250-300-GS	350,48	44,18	10514,52	1325,36	266	590	890	560	290	215	TR190X6	194	60	58	M12x1,75	245	41	90	60	-	5
300 /2948,19	100	CRI-300-100-GS	421,17	44,18	4211,70	441,79	206	374	474	344	315	235	TR205X6	210	60	60	M16x2	260	41	90	60	-	5
	150	CRI-300-150-GS	421,17	44,18	6317,55	662,68	230	424	574	394	315	235	TR205X6	210	60	60	M16x2	260	41	90	60	-	5
	200	CRI-300-200-GS	421,17	44,18	8423,40	883,57	268,5	496	696	466	315	235	TR205X6	210	60	60	M16x2	260	41	90	60	-	5
	250	CRI-300-250-GS	421,17	44,18	10529,24	1104,47	293	546	796	516	315	235	TR205X6	210	60	60	M16x2	260	41	90	60	-	5
	300	CRI-300-300-GS	421,17	44,18	12635,09	1325,36	318	596	896	566	315	235	TR205X6	210	60	60	M16x2	260	41	90	60	-	5
400 /4020,26	100	CRI-400-100-GS	574,32	75,40	5743,22	753,98	321	438	538	408	365	275	TR230X6	210	85	75	M18x2,5	280	62,5	90	60	-	5
	150	CRI-400-150-GS	574,32	75,40	8614,84	1130,97	352,5	488	638	458	365	275	TR230X6	210	85	75	M18x2,5	280	62,5	90	60	-	5
	200	CRI-400-200-GS	574,32	75,40	11486,45	1507,96	402	560	760	530	365	275	TR230X6	210	85	75	M18x2,5	280	62,5	90	60	-	5
	250	CRI-400-250-GS	574,32	75,40	14358,06	1884,96	433	610	860	580	365	275	TR230X6	210	85	75	M18x2,5	280	62,5	90	60	-	5
	300	CRI-400-300-GS	574,32	75,40	17229,67	2261,95	464	660	960	630	365	275	TR230X6	210	85	75	M18x2,5	280	62,5	90	60	-	5
500 /4976,87	100	CRI-500-100-GS	710,98	75,40	7109,82	753,98	406	459	559	427	400	305	TR250X6	240	85	85	M18x2,5	320	62,5	90	60	-	5
	150	CRI-500-150-GS	710,98	75,40	10664,73	1130,97	443	509	659	477	400	305	TR250X6	240	85	85	M18x2,5	320	62,5	90	60	-	5
	200	CRI-500-200-GS	710,98	75,40	14219,63	1507,96	505	584	784	552	400	305	TR250X6	240	85	85	M18x2,5	320	62,5	90	60	-	5
	250	CRI-500-250-GS	710,98	75,40	17774,54	1884,96	542	634	884	602	400	305	TR250X6	240	85	85	M18x2,5	320	62,5	90	60	-	5
	300	CRI-500-300-GS	710,98	75,40	21329,45	2261,95	579	684	984	652	400	305	TR250X6	240	85	85	M18x2,5	320	62,5	90	60	-	5

