

CLSG-series, single-acting high tonnage cylinders



- Integral stop ring provides piston blow-out protection
- Baked enamel outside finish and plated pistons provide superior corrosion protection
- Interchangeable, hardened grooved saddles are standard
- Base mounting holes are standard on all models
- Plunger wiper reduces contamination, extending cylinder life
- Single-acting, load return
- Higher capacities: 1500 and 2000 ton models available on request.

Cylinder Capacity	Stroke	Model Number	Cylinder Effective Area	Oil Capacity	Collapsed Height	Extended Height	Outside Diameter	Weight
ton (kN)	mm		cm ²	cm ³	mm	mm	mm	kg
50 (539)	50	CLSG-502	77,0	385	162	212	130	17
	100	CLSG-504	77,0	770	212	312	130	20
	150	CLSG-506	77,0	1155	262	412	130	23
	200	CLSG-508	77,0	1540	312	512	130	27
	250	CLSG-5010	77,0	1924	362	612	130	31
	300	CLSG-5012	77,0	2309	412	712	130	34
100 (929)	50	CLSG-1002	132,7	664	182	232	165	19
	100	CLSG-1004	132,7	1327	232	332	165	29
	150	CLSG-1006	132,7	1991	282	432	165	40
	200	CLSG-1008	132,7	2655	332	532	165	50
	250	CLSG-10010	132,7	3318	382	632	165	61
	300	CLSG-10012	132,7	3982	432	732	165	71
150 (1390)	50	CLSG-1502	198,6	993	196	246	205	39
	100	CLSG-1504	198,6	1986	246	346	205	52
	150	CLSG-1506	198,6	2978	296	446	205	65
	200	CLSG-1508	198,6	3971	346	546	205	78
	250	CLSG-15010	198,6	4964	396	646	205	92
	300	CLSG-15012	198,6	5957	446	746	205	105
200 (1861)	50	CLSG-2002	265,9	1330	216	266	235	55
	150	CLSG-2006	265,9	3989	316	466	235	91
	300	CLSG-20012	265,9	7977	466	766	235	146
250	50	CLSG-2502	366,4	1832	235	285	275	102

(2562)	150	CLSG-2506	366,4	5497	335	485	275	136
	300	CLSG-25012	366,4	10993	485	785	275	207
300 (3193)	50	CLSG-3002	456,2	2281	312	362	310	184
	150	CLSG-3006	456,2	6843	412	562	310	232
	300	CLSG-30012	456,2	13685	562	862	310	303
400 (3919)	50	CLSG-4002	559,9	2800	375	425	350	270
	150	CLSG-4006	559,9	8399	475	625	350	330
	300	CLSG-40012	559,9	16797	625	925	350	421
500 (5114)	50	CLSG-5002	730,6	3653	419	469	400	401
	150	CLSG-5006	730,6	10959	519	669	400	480
	300	CLSG-50012	730,6	21918	669	969	400	599
600 (5987)	50	CLSG-6002	855,3	4276	429	479	430	474
	150	CLSG-6006	855,3	12829	529	679	430	565
	300	CLSG-60012	855,3	25659	679	979	430	701
800 (8234)	50	CLSG-8002	1176,3	5881	474	524	505	741
	150	CLSG-8006	1176,3	17644	574	724	505	880
	300	CLSG-80012	1176,3	35288	724	1024	505	1058
1000 (10260)	50	CLSG-10002	1465,7	7329	564	614	560	1062
	150	CLSG-10006	1465,7	21986	664	814	560	1213
	300	CLSG-100012	1465,7	43972	814	1114	560	1439

Models above 150 ton are also available with standard stroke lengths of 100, 200 and 250 mm.