

Cylinders



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Sailtec has designed its cylinders to be reliable, long-lasting, and efficient. Sailtec has done this by using high-strength aluminum alloys and advanced manufacturing techniques. Sailtec also uses Molyguard bearing on the piston and the upper end to ensure cylinder and piston rod scoring does not occur while under side load.

Sailtec cylinders are available in three standard stroke lengths with pneumatic return or double-acting feature. Aluminum upper jaws are standard on all cylinders. All exterior surfaces are hard anodized for greater corrosion resistance, and to retain their attractive appearance for many years of service.

The Sailtec Locking Option is available on both standard and long-stroke cylinders. This mechanical device locks the cylinder in position, thus allowing the release of hydraulic pressure. Also, the threaded lock rod can be marked for upwind and downwind positioning.

Sailtec cylinders are designed to pull (typically), push, or both with common applications such as backstays, forestays, outhauls, and travelers. Sailtec cylinders have proven to be reliable, long-lasting and efficient. High-strength aluminum and T-316 stainless alloys and state-of-the-art manufacturing techniques result in precision, zero-leak cylinders with even seal loads and minimal seal wear. The upper jaw, lower jaw, and cylinder are made of high-strength, heat-treated aluminum alloy, precision-honed, and polished for appearance.

The stock cylinders available can also be custom built with polished T-316 steel, custom stroke lengths to 100" (2,500mm), threaded rod ends for turnbuckle bodies, and configured to pull hydraulic/push pneumatic or push/pull hydraulically.

CYLINDER SIZE	MODEL NO.	PISTON ROD SIZE		TENSION AT 5000 PSI		BREAKING STRENGTH		MAX. WIRE SIZE		GAP & PIN		LENGTH				STROKE	
		INCH	MM	LB	KG	INCH	MM	INCH	MM	INCH	MM	CLOSED	OPEN	INCH	MM	INCH	MM
-08	08SC	1/2"	12.7	3000	1363	9400	4272	1/4"	7.0	7/16"	11.1	19.0	483	28.0	711	9.0	228
	08LC											23.1	587	36.1	918	13.0	330
	08FR											30.1	765	49.1	1248	19.0	483
-10	10SC	5/8"	15.9	4750	2152	12500	5660	9/32"	7.0	1/2"	12.7	20.5	520	30.0	762	9.5	241
	10LC											24.5	621	38.0	965	13.5	343
	10FR											35.5	902	57.5	1460	22.0	559
-12	12SC	3/4"	19.0	6500	2945	18500	8380	5/16"	8.0	5/8"	15.9	22.0	559	32.0	812	10.0	254
	12LC											26.0	660	40.0	1016	14.0	356
	12FR											42.5	1080	66.5	1690	24.0	610
-17	17SC	3/4"	19.0	8750	3963	22500	10200	3/8"	9.6	5/8"	15.9	23.0	584	33.0	838	10.0	254
	17LC											27.0	685	41.0	1041	14.0	356
	17FR											46.0	1168	74.0	1880	28.0	711
-22	22SC	7/8"	22.0	11500	5209	30000	13500	7/16"	11.2	3/4"	19.0	24.5	622	35.5	902	11.0	279
	22LC											29.5	749	45.5	1156	16.0	406
	22FR											52.5	1333	87.5	2222	35.0	914
-30	30SC	1.0"	25.4	20600	9332	40000	18000	1/2"	12.7	7/8"	22.0	28.0	711	39.0	991	11.0	279
	30LC											33.5	851	50.0	1270	16.5	419
	30FR											58.0	1473	98.0	2488	40.0	1016
-40	40SC	1.0"	25.4	32180	14578	52000	23500	5/8"	15.9	1.0"	25.4	30.0	762	42.0	1067	12.0	304
	40LC											36.0	914	54.0	1372	19.0	482
	40FR											64.7	1643	109.7	2769	45.0	1143
-60	60SC	1-1/4"	31.8	42500	19252	84000	38000	3/4"	19.0	1-1/4"	31.8	34.7	881	48.7	1237	14.0	356
	60LC											41.6	1056	62.6	1590	21.0	533

Sizes up to -150. Please call for a quote.

Data subject to change.

