

ESL-SERIES

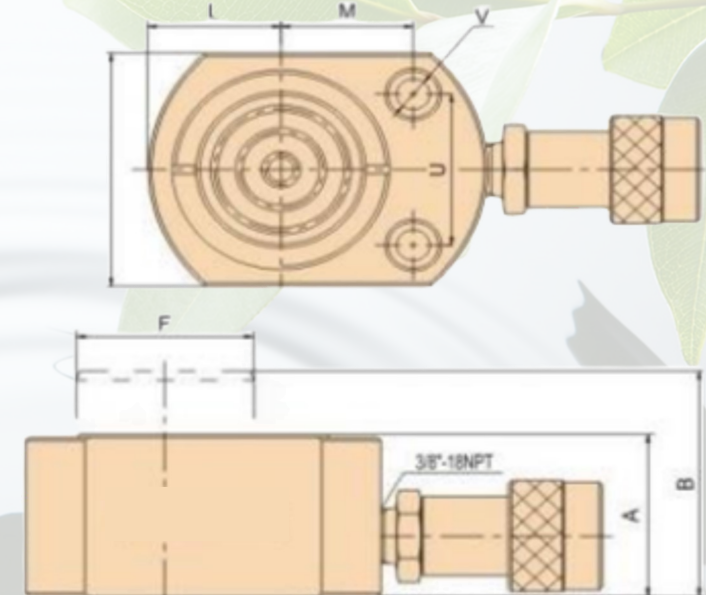
Single acting

Low height

- * For use in confined spaces
- * Complies with ASME B30.1
- * High-strength steel for durability and increased safety
- * Mounting holes permit easy fixturing
- * Heavy-duty piston return spring
- * High-quality EAB-201 quick couplers
- * Grooved piston end requires no saddle
- * Environmentally friendly painting process provides a durable anti-corrosion finish

Ultra-Low height

- * Low profile design for use in confined spaces
- * Complies with ASSME B30.1
- * High-strength steel for durability and increased safety
- * Single-acting spring return
- * High-quality EAB-201 quick couplers
- * Grooved piston end with threaded holes for mounting tilt saddles
- * Environmentally friendly painting process provides a durable anti-corrosion finish



ESL-SERIES

SINGLE ACTING, LOW HEIGHT CYLINDERS

Cylinder capacity @ 700 bar Me- tric ton	Stroke mm	Model	Cyll. effective area mm ²	Oil capacity L	Coll. height A mm	Ext. height B mm	Outside dia. D mm	Piston rod dia. F mm	Upside dimenstions				Weight kg
									M mm	L mm	V mm	U mm	
5	6	ESL-50	710	0.005	33	39	59 X 42	25	23	21	5.6	28.4	0.6
10	10	ESL-100	1451	0.016	41.9	53	83 X 56	38	34	28	7.1	36.6	1.5
20	11	ESL-200	2832	0.034	51.1	62	101 X 76	51	40	40	9.9	49.3	2.7
30	13	ESL-300	4180	0.060	58.4	71	117 X 95	66	45	48	9.9	52.1	4.3
50	16	ESL-500	6360	0.112	67.1	83	140 X 114	70	54	57	10.9	66.5	6.7
75	16	ESL-750	10385	0.183	79	95	165 X 139	83	66	69	13.5	76.2	11.4
100	16	ESL-1000	13274	0.233	86.1	102	178 X 153	92	74	76	13.5	76.2	14.5
150	16	ESL-1500	20105	0.353	100.1	116	215 X 190	115	82	95	13.5	117.3	26.3

SINGLE ACTING, ULTRA LOW HEIGHT CYLINDERS

Cylinder capacity @ 700 bar Metric ton	Stroke mm	Model	Cyll. effective area mm²	Oil capacity L	Coll. height A mm	Ext. height B mm	Outside dia. D mm	Piston rod dia. F mm	Upside holes				Weight kg
									Thread mm	V	Bolt circle mm	U	
10	38	ELS-101	1438	0.060	88	126	69	38	M4		25.9	8	4.1
20	45	ELS-201	2832	0.140	98	143	92	51	M5		1.5	8	4.7
30	62	ELS-302	4180	0.285	117	179	102	66	M5		1.5	8	6.8
50	60	ELS-502	6360	0.419	122	182	124	70	M5		1.5	8	10.1
100	57	ELS-1002	13274	0.831	141	198	165	92	M8		2.2	11	19.2