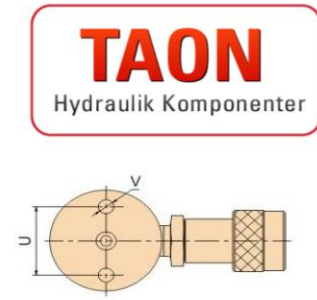
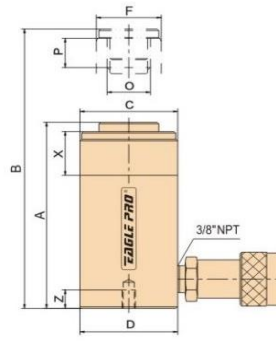


ES-SERIES

GENERAL PURPOSE, SINGLE ACTING CYLINDERS

- Complies with ASME B30.1.
- High-strength steel for durability and increased safety.
- Hardened and chromed piston increase durability and reduces wear.
- Collar threads, piston threads and base mounting holes enable easy fixturing.
- Heavy-duty piston-return springs.
- High-quality EAB-201 quick couplers.
- Environmentally friendly painting process provides a durable anti-corrosion finish.



Cylinder Capacity @ 700 Bar	Stroke	Model	Cylinder Effective Area	Oil Capacity	Collapsed Height	Extended Height	Collar Thread	Collar Thread Length	Outside Diameter	Piston Rod Diam.	Piston Internal Thread	Piston Thread Length	Base Fix Holes			Weight	Model
													Bolt Circle U	Thread V	Thread Depth Z		
Metric Ton	mm		mm ²	L	A mm	B mm	C	X mm	D mm	F mm	O	P mm	mm	mm	mm	kg	
5	16	ES-50	710	0,01	42	58	-	-	59X42	25	-	-	28	5,588	14	0,8	ES-50
	25	ES-51	710	0,02	110	135	1½"-16	28	38,1	25	3/4"-16UNF	16	25	1/4"-20 UNC	14	1,0	ES-51
	75	ES-53	710	0,06	165	240	1½"-16	28	38,1	25	3/4"-16 UNF	16	25	1/4"-20 UNC	14	1,3	ES-53
	127	ES-55	710	0,10	215	342	1½"-16	28	38,1	25	3/4"-16UNF	16	25	1/4"-20 UNC	14	1,7	ES-55
	177	ES-57	710	0,14	273	450	1½"-16	28	38,1	25	3/4"-16 UNF	16	25	1/4"-20 UNC	14	2,1	ES-57
10	232	ES-59	710	0,18	323	555	1½"-16	28	38,1	25	3/4"-16UNF	16	25	1/4"-20 UNC	14	2,3	ES-59
	26	ES-101	1.451	0,04	89	115	2 1/4"-14	26	57,2	38	10-24 UNF	6	39	5/16"-18 UNC	12	1,7	ES-101
	54	ES-102	1.451	0,09	121	175	2 1/4"-14	26	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	2,2	ES-102
	105	ES-104	1.451	0,17	171	276	2 1/4"-14	26	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	2,9	ES-104
	156	ES-106	1.451	0,25	247	403	2 1/4"-14	28	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	4,1	ES-106
	203	ES-108	1.451	0,32	298	501	2 1/4"-14	26	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	4,9	ES-108
	257	ES-1010	1.451	0,41	349	606	2 1/4"-14	28	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	5,6	ES-1010
15	304	ES-1012	1.451	0,48	400	704	2 1/4"-14	26	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	6,4	ES-1012
	356	ES-1014	1.451	0,57	450	806	2 1/4"-14	26	57,2	38	1"-8 UNC	19	39	5/16"-18 UNC	12	7,2	ES-1014
	25	ES-151	2.122	0,06	124	149	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	3,2	ES-151
	51	ES-152	2.122	0,12	149	200	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	3,7	ES-152
	101	ES-154	2.122	0,24	200	301	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	5,0	ES-154
	152	ES-156	2.122	0,35	271	423	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	6,5	ES-156
	203	ES-158	2.122	0,47	322	525	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	7,7	ES-158
25	254	ES-1510	2.122	0,59	373	627	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	8,7	ES-1510
	305	ES-1512	2.122	0,71	423	728	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	9,8	ES-1512
	356	ES-1514	2.122	0,83	474	830	2 3/4"-16	35	70,1	42	1"-8 UNC	25	47	3/8"-16 UNC	12	10,8	ES-1514
	26	ES-251	3.322	0,09	139	165	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	5,3	ES-251
	50	ES-252	3.322	0,18	165	215	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	6,2	ES-252
	102	ES-254	3.322	0,37	215	317	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	8,0	ES-254
30	158	ES-256	3.322	0,58	273	431	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	10,3	ES-256
	210	ES-258	3.322	0,77	323	533	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	12,1	ES-258
	261	ES-2510	3.322	0,95	374	635	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	14,1	ES-2510
	311	ES-2512	3.322	1,13	425	736	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	15,5	ES-2512
	362	ES-2514	3.322	1,32	476	838	3 5/16"-12	54	86,1	57	1½"-16 UN	26	58	1/2"-13UNC	19	17,4	ES-2514
	209	ES-308	4.418	1,01	387	596	3 5/16"-12	50	104,9	57	1½"-16 UN	26	60	M8	12	21,5	ES-308
50	51	ES-502	7.089	0,40	176	227	5"-12	55	127,0	80	-	-	95	1/2"-13UNC	19	14,4	ES-502
	102	ES-504	7.089	0,79	227	329	5"-12	55	127,0	80	-	-	95	1/2"-13UNC	19	18,1	ES-504
	159	ES-506	7.089	1,24	282	441	5"-12	55	127,0	80	-	-	95	1/2"-13UNC	19	22,2	ES-506
	337	ES-5013	7.089	2,62	460	797	5"-12	55	127,0	80	-	-	95	1/2"-13UNC	19	34,3	ES-5013
75	156	ES-756	10.385	1,78	285	441	5 3/4"-12	45	146,1	95	-	-	-	-	-	30,5	ES-756
	333	ES-7513	10.385	3,80	492	825	5 3/4"-12	45	146,1	95	-	-	-	-	-	50,3	ES-7513
95	168	ES-1006	13.300	2,45	357	525	6 7/8"-12	44	177,0	105	-	-	139	3/4"-10UNC	25	59,6	ES-1006
	260	ES-10010	13.300	3,80	449	709	6 7/8"-12	44	177,0	105	-	-	139	3/4"-10UNC	25	72,8	ES-10010