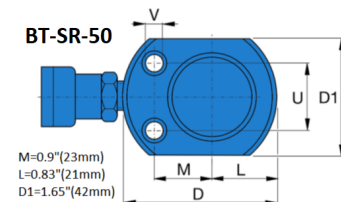
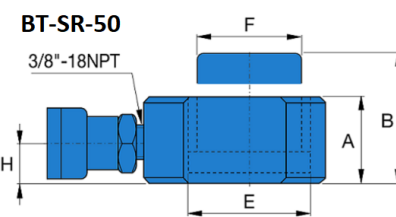
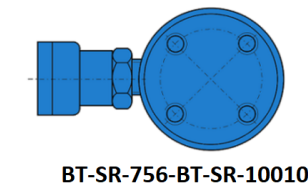
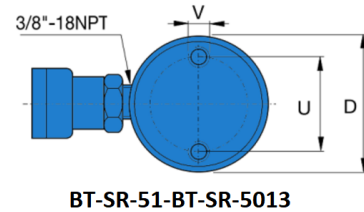
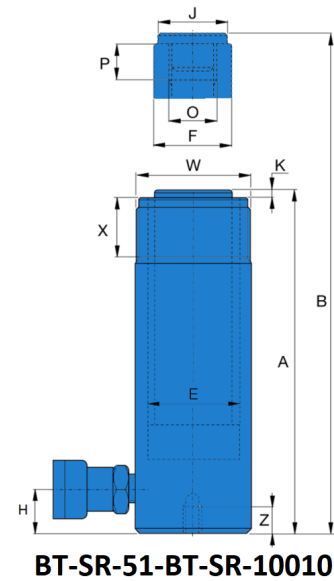


# 01 CYLINDERS



## SR SERIES (Regular)

- Collar fixture threads, plunger threads and bottom mounting holes supply an easy fixture.
- With different mounting attachment, the application possibilities are greatly extended.
- Special designed cup seal provides for steady and durable performance.
- High strength alloy steel body is durable for longworking life.
- Heavy duty return spring supply a fast and steady retraction.
- Chrome plated rod prevent rust and corrosion.



Model	Capacity (tons)	Stroke		Oil Capacity		Cylinder Effective Area		Weight		A Retracted Height		B Extended Height		D Outside Dia.		E Cyl. Bore Diam		F plunger Dia.		H Base to Port		J Saddle Dia.		K Saddle Height		O*P Piston Rod Internal Thread/ depth		W Collar Thread		X Collar Thread Length		V Bottom Thread Size"		Z Thread length		U Bolt Circle	
		mm	inch	cm	inch	cm	inch	kg	lbs	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
SR-50	5	15	0.59	11	0.67	7.1	1.10	0.6	1.32	42	1.65	57	2.24	39.0	1.54	30	1.18	25	0.98	19.0	0.75	/	/	/	/	/	/	/	/	5MM	/	/	29	1.14			
SR-51		25	0.98	18	1.10	7.1	1.10	0.9	1.98	111	4.37	136	5.35	39.0	1.54	30	1.18	25	0.98	19.0	0.75	24	0.94	6.0	0.24	3/4"-16UN*16	1 1/2"-16UN	30.0	1.8	1/4"-20UN	9.5	0.37	25	0.98			
SR-53		74	2.91	53	3.23	7.1	1.10	1.1	2.43	165	6.50	239	9.41	39.0	1.54	30	1.18	25	0.98	19.0	0.75	24	0.94	6.0	0.24	3/4"-16UN*16	1 1/2"-16UN	30.0	1.8	1/4"-20UN	9.5	0.37	25	0.98			
SR-55		127	5.00	90	5.49	7.1	1.10	1.5	3.31	224	8.82	351	13.82	39.0	1.54	30	1.18	25	0.98	19.0	0.75	24	0.94	6.0	0.24	3/4"-16UN*16	1 1/2"-16UN	30.0	1.8	1/4"-20UN	9.5	0.37	25	0.98			
SR-57		184	7.24	130	7.93	7.1	1.10	1.8	3.97	275	10.83	459	18.07	39.0	1.54	30	1.18	25	0.98	19.0	0.75	24	0.94	6.0	0.24	3/4"-16UN*16	1 1/2"-16UN	30.0	1.8	1/4"-20UN	9.5	0.37	25	0.98			
SR-59	235	9.25	166	10.13	7.1	1.10	2.2	4.85	326	12.83	561	22.09	39.0	1.54	30	1.18	25	0.98	19.0	0.75	24	0.94	6.0	0.24	3/4"-16UN*16	1 1/2"-16UN	30.0	1.8	1/4"-20UN	9.5	0.37	25	0.98				
SR-101	10	25	0.98	40	2.44	15.9	2.46	1.7	3.75	92	3.62	117	4.61	56.5	2.22	45	1.77	38	1.50	19.0	0.75	/	/	1.0	0.04	/	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-102		53	2.09	84	5.13	15.9	2.46	2.3	5.07	121	4.76	174	6.85	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-104		102	4.02	162	9.89	15.9	2.46	3.0	6.61	179	7.05	281	11.06	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-106		154	6.06	245	14.95	15.9	2.46	4.0	8.82	248	9.76	402	15.83	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-108		205	8.07	326	19.89	15.9	2.46	4.7	10.36	299	11.77	504	19.84	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-1010		257	10.12	408	24.90	15.9	2.46	5.4	11.90	351	13.82	608	23.94	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-1012		306	12.05	486	29.66	15.9	2.46	6.0	13.23	400	15.75	706	27.80	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57			
SR-1014	357	14.06	567	34.60	15.9	2.46	6.8	14.99	451	17.76	808	31.81	56.5	2.22	45	1.77	38	1.50	19.0	0.75	35	1.38	6.0	0.24	T-8UN*19	2 1/4"-14UN	28.5	1.12	5/16"-18UN	15.0	0.59	40	1.57				
SR-151	15	25	0.98	49	2.99	19.6	3.04	2.5	5.51	124	4.88	149	5.87	69.5	2.74	50	1.97	45	1.77	19.0	0.75	/	/	3.0	0.12	/	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-152		50	1.97	98	5.98	19.6	3.04	3.0	6.61	149	5.87	199	7.83	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-154		101	3.98	198	12.08	19.6	3.04	4.2	9.26	204	8.03	305	12.01	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-156		152	5.98	298	18.19	19.6	3.04	5.1	11.24	271	10.67	423	16.65	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-158		203	7.99	398	24.29	19.6	3.04	6.3	13.89	322	12.68	525	20.67	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-1510		254	10.00	498	30.39	19.6	3.04	7.5	16.53	373	14.69	627	24.69	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-1512		305	12.01	598	36.49	19.6	3.04	8.7	19.18	424	16.69	729	28.70	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89			
SR-1514	356	14.02	698	42.59	19.6	3.04	10	22.05	475	18.70	831	32.72	69.5	2.74	50	1.97	45	1.77	19.0	0.75	39	1.54	6.0	0.24	T-8UN*19	2 3/4"-16UN	28.5	1.12	3/8"-16UN	15.0	0.59	48	1.89				
SR-251	25	25	0.98	83	5.06	33.2	5.15	4.5	9.92	140	5.51	165	6.50	84.5	3.33	65	2.56	55	2.17	25.5	1.00	/	/	3.5	0.14	/	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-252		50	1.97	166	10.13	33.2	5.15	5.3	11.68	165	6.50	215	8.46	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-254		101	3.98	335	20.44	33.2	5.15	7.0	15.43	216	8.50	317	12.48	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-256		158	6.22	524	31.98	33.2	5.15	8.8	19.40	273	10.75	431	16.97	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-258		209	8.23	693	42.29	33.2	5.15	10.6	23.37	324	12.76	533	20.98	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-2510		260	10.24	862	52.60	33.2	5.15	12.3	27.12	375	14.76	635	25.00	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-2512		310	12.20	1028	62.73	33.2	5.15	14.0	30.86	425	16.73	735	28.94	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32			
SR-2514	361	14.21	1198	73.11	33.2	5.15	15.7	34.61	476	18.74	837	32.95	84.5	3.33	65	2.56	55	2.17	25.5	1.00	50	1.97	9.5	0.37	11/2"-16UN*25.5	3 5/16"-12UN	49.0	1.93	1/2"-13UN	19.0	0.75	59	2.32				
SR-502	50	52	2.05	362	22.09	70.9	10.99	11.0	24.25	175	6.89	227	8.94	127	5.00	95	3.74	80	3.15	35.0	1.38	80	3.15	3.0	0.12	M40*2*20	5"-12UN	55.0	2.17	1/2"-13UN	19.1	0.75	96	3.78			
SR-504		109	4.29	766	46.74	70.9	10.99	16.0	35.27	232	9.13	341	13.43	127	5.00	95	3.74	80	3.15	35.0	1.38	80	3.15	3.0	0.12	M40*2*20	5"-12UN	55.0	2.17	1/2"-13UN	19.1	0.75	96	3.78			
SR-506		159	6.26	1127	68.77	70.9	10.99	21.0	46.30	282	11.10	441	17.36	127	5.00	95	3.74	80	3.15	35.0	1.38	80	3.15	3.0	0.12	M40*2*20	5"-12UN	55.0	2.17	1/2"-13UN	19.1	0.75	96	3.78			
SR-5010		260	10.24	1843	112.47	70.9	10.99	28.0	61.73	384	15.12	644	25.35	127	5.00	95	3.74	80	3.15	35.0	1.38	80	3.15	3.0	0.12	M40*2*20	5"-12UN	55.0	2.17	1/2"-13UN	19.1	0.75	96	3.78			
SR-5013		337	13.27	2389	145.79	70.9	10.99	33.0	72.75	460	18.11	797	31.38	127	5.00	95	3.74	80	3.15	35.0	1.38	80	3.15	3.0	0.12	M40*2*20	5"-12UN	55.0	2.17	1/2"-13UN	19.1	0.75					