

QTRCO Flat Yoke actuator torques:

Applies to FD, FS, FDN and FSN series actuators



At Supply Pressure of **60** PSIG

	Model	Max Rated Trq	Spring Torque			Air Trq at Supply of 60		
			Spg End	Run	Spg Start	Air start	Run	Air End
F200 Maximum insertable valve shaft diameter 2.0"	F200DA04	10,000	-	-	-	6,569	2,714	4,625
	F200DA06	10,000	-	-	-	10,000	6,107	10,000
	F200SR06-S1	10,000	6,598	3,685	7,561	8,183	2,377	2,846
	F200SR06-S2	10,000	3,553	1,984	4,071	10,000	4,099	6,336
	F200SR08-S1	10,000	10,000	7,243	10,000	10,000	3,524	3,638
	F200SR08-S2	10,000	7,726	4,314	8,854	10,000	6,626	9,648
	F200SR08-S3	10,000	5,245	2,929	6,010	10,000	7,892	10,000
F250 Maximum insertable valve shaft diameter 2.0"	F250DA06	20,000	-	-	-	18,477	7,693	13,009
	F250DA08	20,000	-	-	-	20,000	13,572	20,000
	F250SR06-S1	20,000	7,125	3,893	7,898	11,351	3,698	5,111
	F250SR06-S2	20,000	4,901	2,516	4,930	13,576	5,100	8,079
	F250SR08-S1	20,000	15,600	8,070	15,698	17,243	5,502	7,429
	F250SR08-S2	20,000	10,704	5,535	10,768	20,000	8,036	12,359
	F250SR08-S3	20,000	4,901	2,534	4,930	20,000	11,037	18,197
	F250SR12-S1	20,000	20,000	15,072	20,000	20,000	15,464	20,000
	F250SR12-S2	20,000	20,000	11,871	20,000	20,000	18,665	20,000
	F250SR12-S3	20,000	18,055	9,337	18,163	20,000	20,000	20,000
F300 Maximum insertable valve shaft diameter 2.5"	F300DA06	40,000	-	-	-	22,172	9,161	15,611
	F300DA08	40,000	-	-	-	39,417	16,286	27,753
	F300DA12	40,000	-	-	-	40,000	36,644	40,000
	F300SR08-S1	40,000	16,936	9,333	18,708	22,481	6,953	9,045
	F300SR12-S1	40,000	40,000	23,232	40,000	40,000	13,411	16,113
	F300SR12-S2	40,000	34,281	18,682	37,256	40,000	17,962	25,188
	F300SR12-S3	40,000	27,102	14,770	29,454	40,000	21,874	32,990
	F300SR12-S4	40,000	23,879	13,013	25,952	40,000	23,630	36,492
	F300SR16-S1	40,000	40,000	23,232	40,000	40,000	40,000	40,000
	F300SR16-S2	40,000	34,281	18,682	37,256	40,000	40,000	40,000
	F300SR16-S3	40,000	27,102	14,770	29,454	40,000	40,000	40,000
		F300SR16-S4	40,000	23,879	13,013	25,952	40,000	40,000
F375 Maximum insertable valve shaft diameter 3.5"	F375DA08	80,000	-	-	-	49,271	20,358	34,691
	F375DA12	80,000	-	-	-	80,000	45,804	78,055
	F375DA16	80,000	-	-	-	80,000	80,000	80,000
	F375DA20	80,000	-	-	-	80,000	80,000	80,000
	F375SR12-S1	80,000	35,520	17,542	33,331	75,339	28,263	44,724
	F375SR12-S2	80,000	19,442	9,602	18,244	80,000	36,203	59,810
	F375SR12-S3	80,000	16,077	7,940	15,087	80,000	37,864	62,968
	F375SR16-S1	80,000	80,000	41,273	78,730	80,000	40,157	60,034
	F375SR16-S2	80,000	64,360	32,022	61,083	80,000	49,408	77,681
	F375SR16-S3	80,000	53,633	26,685	50,903	80,000	54,745	80,000
	F375SR16-S4	80,000	47,913	23,839	45,473	80,000	57,591	80,000
	F375SR16-S5	80,000	35,041	17,434	33,256	80,000	63,996	80,000
	F375SR20-S1	80,000	80,000	73,121	80,000	80,000	54,113	77,881
	F375SR20-S2	80,000	80,000	63,520	80,000	80,000	57,433	80,000
	F375SR20-S3	80,000	80,000	55,026	80,000	80,000	65,927	80,000
		F375SR20-S4	80,000	80,000	48,378	80,000	80,000	72,574

	F375SR20-S5	80,000	80,000	39,884	75,785	80,000	80,000	80,000
	F375SR20-S6	80,000	61,319	30,283	57,540	80,000	80,000	80,000
F488 Maximum insertable valve shaft diameter 5.0"	F488DA08	160,000	-	-	-	85,403	32,286	60,131
	F488DA12	160,000	-	-	-	160,000	79,394	135,295
	F488DA16	160,000	-	-	-	160,000	141,145	160,000
	F488SR16-S1	160,000	118,305	59,740	114,831	137,903	46,119	65,563
	F488SR20-S1	160,000	160,000	116,836	160,000	160,000	47,889	55,997
	F488SR20-S2	160,000	160,000	88,672	160,000	160,000	76,216	125,225
	F488SR24-S1	160,000	160,000	147,787	160,000	160,000	89,535	120,156
	F488SR24-S2	160,000	160,000	119,624	160,000	160,000	117,862	160,000
F625 Maximum insertable valve shaft diameter 6.5"	F625DA12	320,000	-	-	-	184,766	76,341	152,681
	F625DA16	320,000	-	-	-	320,000	135,717	231,273
	F625DA20	320,000	-	-	-	320,000	212,058	320,000
	F625SR20-S1	320,000	260,108	141,544	286,556	253,130	68,974	74,809
	F625SR24-S1	320,000	296,829	161,527	320,000	320,000	142,079	193,354
	F625SR30-S1	320,000	320,000	267,435	320,000	320,000	206,786	271,648
	F625SR30-S2	320,000	320,000	230,467	320,000	320,000	244,156	320,000
	F625SR30-S3	320,000	320,000	198,828	320,000	320,000	276,139	320,000
	F625SR30-S4	320,000	296,829	161,527	320,000	320,000	313,846	320,000
F950 Maximum insertable valve shaft diameter 9.0"	F950DA16	750,000	-	-	-	499,278	206,290	351,536
	F950DA20	750,000	-	-	-	750,000	322,327	549,274
	F950DA24	750,000	-	-	-	750,000	464,151	750,000
	F950DA30	750,000	-	-	-	750,000	725,237	750,000
	F950SR26-S1	750,000	195,299	118,005	251,634	750,000	424,739	676,639
	F950SR32-S2	750,000	750,000	384,076	738,536	750,000	439,068	667,606
		F950SR26-42	750,000	750,000	750,000	750,000	750,000	645,945