

## QTRCO Flat Yoke actuator torques:

Applies to FD, FS, FDN and FSN series actuators



At Supply Pressure of **80** PSIG

	Model	Max Rated Trq	Spring Torque			Air Trq at Supply of <b>80</b>		
			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	-	-	-	20,000	10,257	17,345
	F250DA08	20,000	-	-	-	20,000	18,096	20,000
	F250SR06-S1	20,000	7,125	3,893	7,898	17,510	6,228	9,447
	F250SR06-S2	20,000	4,901	2,516	4,930	19,735	7,639	12,415
	F250SR08-S1	20,000	15,600	8,070	15,698	20,000	10,026	15,138
	F250SR08-S2	20,000	10,704	5,535	10,768	20,000	12,560	20,000
	F250SR08-S3	20,000	4,901	2,534	4,930	20,000	15,561	20,000
	F250SR12-S1	20,000	20,000	15,072	20,000	20,000	20,000	20,000
	F250SR12-S2	20,000	20,000	11,871	20,000	20,000	20,000	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	-	-	-	29,563	12,215	20,815
	F300DA08	40,000	-	-	-	40,000	21,715	37,004
	F300DA12	40,000	-	-	-	40,000	40,000	40,000
	F300SR08-S1	40,000	16,936	9,333	18,708	35,620	12,382	18,296
	F300SR12-S1	40,000	40,000	23,232	40,000	40,000	25,625	36,928
	F300SR12-S2	40,000	34,281	18,682	37,256	40,000	30,177	40,000
	F300SR12-S3	40,000	27,102	14,770	29,454	40,000	34,089	40,000
	F300SR12-S4	40,000	23,879	13,013	25,952	40,000	35,844	40,000
	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	-	-	-	65,695	27,144	46,255
	F375DA12	80,000	-	-	-	80,000	61,072	80,000
	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	80,000	43,531	70,742
	F375SR12-S2	80,000	19,442	9,602	18,244	80,000	51,471	80,000
	F375SR12-S3	80,000	16,077	7,940	15,087	80,000	53,132	80,000
	F375SR16-S1	80,000	80,000	41,273	78,730	80,000	67,300	80,000
	F375SR16-S2	80,000	64,360	32,022	61,083	80,000	76,551	80,000
	F375SR16-S3	80,000	53,633	26,685	50,903	80,000	80,000	80,000
	F375SR16-S4	80,000	47,913	23,839	45,473	80,000	80,000	80,000
	F375SR16-S5	80,000	35,041	17,434	33,256	80,000	80,000	80,000
	F375SR20-S1	80,000	80,000	73,121	80,000	80,000	80,000	80,000
	F375SR20-S2	80,000	80,000	63,520	80,000	80,000	80,000	80,000
	F375SR20-S3	80,000	80,000	55,026	80,000	80,000	80,000	80,000
		F375SR20-S4	80,000	80,000	48,378	80,000	80,000	80,000

