

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 80		
			Spg End	Run	Spg Start	Air start	Run	Air End
F200 Maximum insertable valve shaft diameter 2.0"	F200DA04	10,000	-	-	-	8,759	3,619	6,167
	F200DA06	10,000	-	-	-	10,000	8,143	10,000
	F200SR06-S1	10,000	6,598	3,685	7,561	10,000	4,398	6,315
	F200SR06-S2	10,000	3,553	1,984	4,071	10,000	6,127	9,805
	F200SR08-S1	10,000	10,000	7,243	10,000	10,000	7,113	9,805
	F200SR08-S2	10,000	7,726	4,314	8,854	10,000	10,000	10,000
	F200SR08-S3	10,000	5,245	2,929	6,010	10,000	10,000	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	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	80,000

