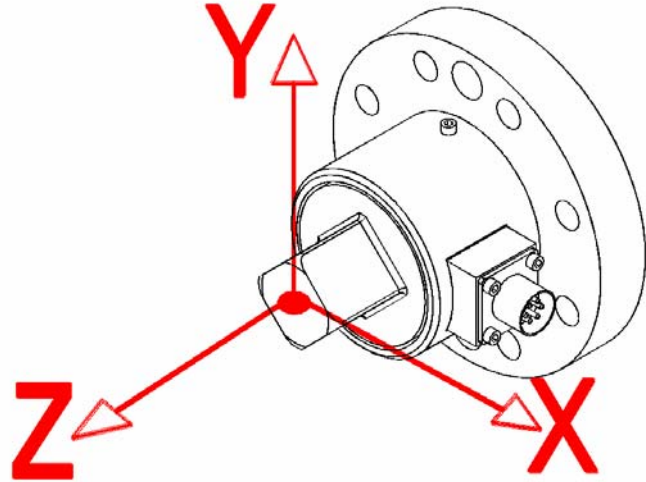


Model # TDF600-675 (T5410) Series

Extraneous Load Factors

Equation: $\sigma_{max} \geq (A)F_x + (B)F_y + (C)F_z + (D)M_x + (E)M_y + (F)M_z$



Material: 17-4 PH Stainless Steel (S.S.)

Model#	Capacity (in-lb)	A	B	C	D	E	F
TDF600	1,200	52.37	52.37	12.68	33.72	33.72	29.83
	2,400	31.03	31.03	7.40	23.28	23.28	20.39
	6,000	13.93	13.93	3.06	8.28	8.28	7.85
TDF650	12,000	8.61	8.61	1.79	5.48	5.48	4.18
TDF675	24,000	3.64	3.64	0.50	1.74	1.74	1.27

σ_{max} **Table**

Material	Static Load (=60% Y.S.)	Fatigue (Non Reversing Loads)	Fatigue (Full Reversing Loads)
17-4 PH S.S.	87,000	78,000	62,000*

*Value is 75% of Fatigue Strength based on 10-20 x 10⁶ cycles and allow for factors that influence Fatigue such as surface finish, stress concentrations, corrosion, temperature and other variables for the production of the transducer, for infinite Fatigue Life (100 x 10⁶) use 75% of values shown.

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