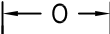
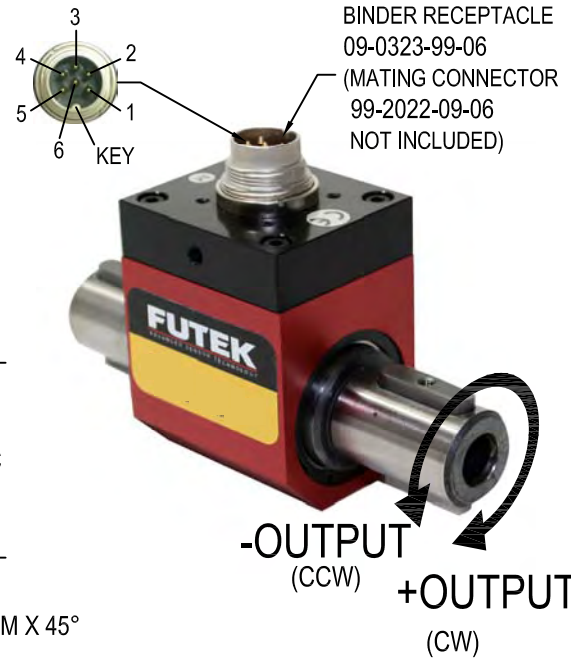
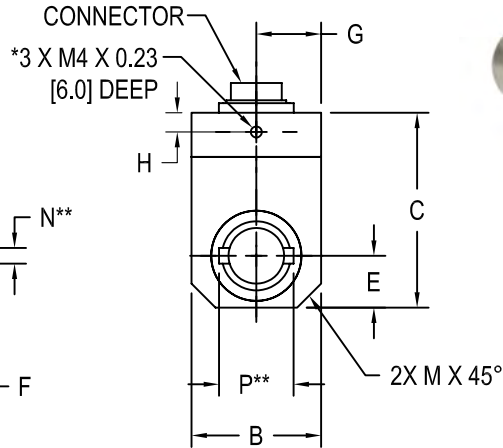
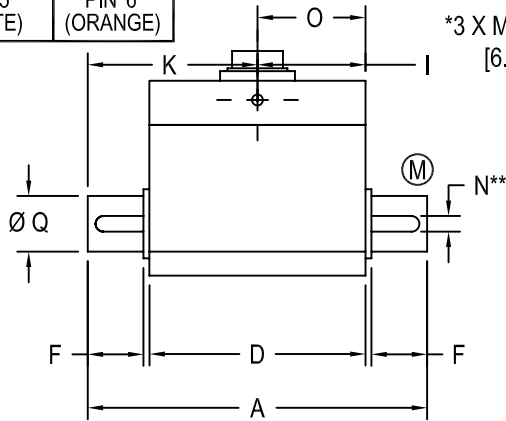


MODEL TRS300 SHAFT TO SHAFT ROTARY TORQUE SENSOR

CE COMPLIANT

Drawing Number: FI1025-D			
INCH [mm]		R.O.= Rated Output	
CONNECTOR CODE (CABLE PACKAGE WIRING CODE)			
-Excitation	+Excitation	Shield	+Signal
PIN '1' (BLACK)	PIN '2' (RED)	PIN '3' (FLOATING)	PIN '4' (GREEN)
-Signal	Shunt Cal		
PIN '5' (WHITE)	PIN '6' (ORANGE)		

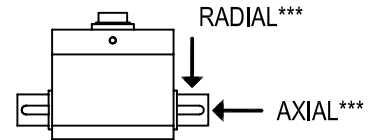


(M)=MEASURING SIDE

* ANTI-ROTATION HOLES, NOT TO BE USED TO SUPPORT LOAD.

** FEATHER KEYWAYS PER DIN 6885, KEYWAYS COME PRE-INSTALLED.

*** MAXIMUM LOAD ALLOWED, NOT FOR MEASUREMENT.



ITEM #	CAPACITY in-lb N-m		Ø Q	A	B	C	D	E	F	G	H	I	K	M	N**	P**	O	***MAX. AXIAL FORCE lb[N]	***MAX. RADIAL FORCE lb[N]	WEIGHT lb[kg]			
FSH01987	89	10	0.748 [19] g6	4.25 [108]	1.49 [38]	2.28 [58]	1.73 [44]	0.74 [19]	1.18 [30]	0.74 [19]	0.23 [6]	0.86 [22]	2.08 [53]	0.32 [8]	0.236 [6]	0.945 [24]	0.87 [22]	34 [150]	4.5 [20]	1.1 [0.5]			
FSH01988	177	20												0.40 [10]				124 [550]	6.8 [30]				
FSH01989	443	50												-				225 [1000]	11 [50]				
FSH01990	885	100																405 [1800]	56 [250]				
FSH01991	1770	200	1.496 [38] g6	7.16 [182]	2.87 [73]	3.54 [90]	2.24 [57]	1.43 [36.5]	2.36 [60]	1.43 [36.5]	0.19 [5]	1.12 [28.5]	3.56 [90.5]	-	0.394 [10]	1.732 [44]	1.14 [29]	900 [4000]	67 [300]	5.2 [2.35]			
FSH01992	4425	500																1350 [6000]	90 [400]				
FSH01993	8851	1000																1350 [6000]	90 [400]				

SPECIFICATIONS:

RATED OUTPUT	2 mV/V nom
SAFE OVERLOAD	150% of R.O.
ZERO BALANCE	±1% of R.O.
EXCITATION (VDC OR VAC)	5 to 11
BRIDGE RESISTANCE	350 Ω nom.
NONLINEARITY	±0.2% of R.O.
HYSTERESIS	±0.1% of R.O.
NONREPEATABILITY	±0.2% R.O.
TEMP. SHIFT ZERO	±0.01% of R.O. / °F [±0.02% of R.O. / °C]
TEMP. SHIFT SPAN	±0.01% of Load / °F [±0.02% of Load / °C]
OPERATING TEMP.	14 to 194°F [-10 to +90°C]
COMPENSATED TEMP.	41 to 122°F [+5 to +50°C]

ROTATIONAL SPEED	3000 RPM MAX
CONNECTOR:	6 pin Binder Series #581 (09-0323-99-06)
ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE	Certificate of Conformance
CALIBRATION (STD)	5pt CW and CCW
CALIBRATION (AVAILABLE)	87K ohm
SHUNT CAL VALUE (INTERNAL)	10VDC
CALIBRATION TEST EXCITATION	With sensor fully connected jump Pins 1 & 6
SHUNT CALIBRATION	to generate 2 mV/V nom output.

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