



TSSS Static Torque Transducer

Square to square static torque reaction transducer.

The TSSS static torque transducers provide a cost-effective solution to static or semi-rotary torque measuring applications and are available with a number of different square sizes.

The TSSS torque transducer has been supplied for applications in a variety of industries but is predominantly used within the marine and offshore industries.

A range of compatible readouts are available and the TSSS transducers can also be supplied with gauge coatings suitable for sub-sea installations.

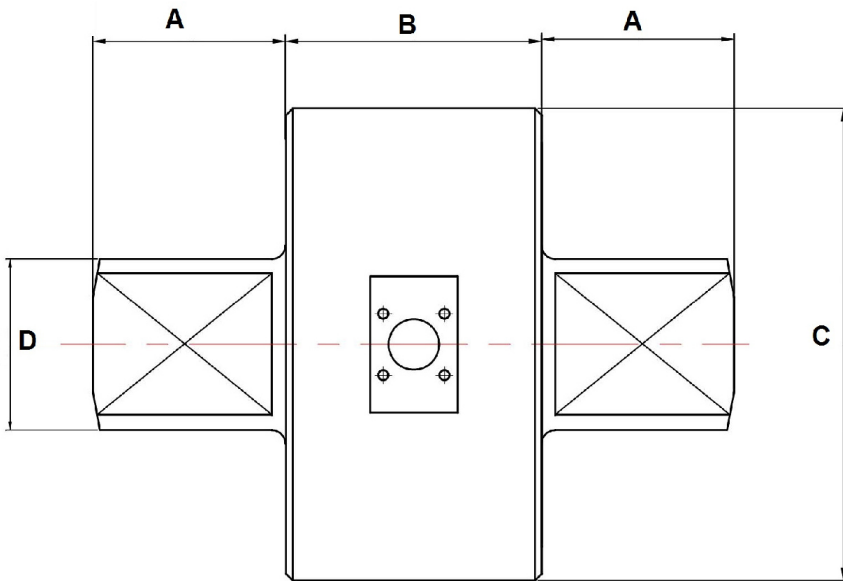
The TSSS series is available in a three sizes, 20,000Nm, 135,000Nm and 271,000Nm.

For pricing, availability or further technical information about the TSSS series, contact us via our website at www.crane-electronics.com or get in touch via email at sales@crane-electronics.com.

Technical Specification

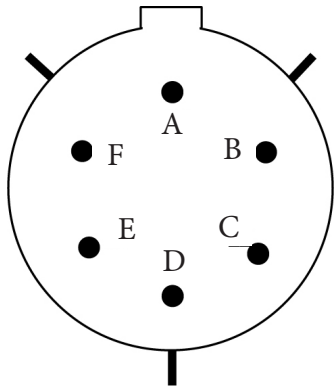
Nominal Sensitivity:	1.5mV/V
Non-linearity:	±0.2% fs
Compensated Range:	20 to +60°C
Operating Temp:	0 to +80°C
Overload Capacity:	150% fs
Repeatability:	±0.1% fs
Storage Temp:	-30 to +90°C
Accuracy:	±1.0% fs
Hysteresis:	±0.2% fs
Zero Shift:	< ±0.01%/C°
Bridge Supply:	10V
Span Shift:	< ±0.02%/C°
Bridge Resistance:	1050 ohms

Dimensions



MODEL	RATING NM	A	B	C	D
TSSS-15klbft	20000	57	76	140	51
TSSS-100klbft	135000	86.5	100.5	182	89
TSSS-200klbft	271000	86.5	100.5	243	152

Wiring Details



PIN	Designation
A	Excitation (+)
B	Sense (+)
C	Excitation (-)
D	Sense (-)
E	Signal (-)
F	Signal (+)



Locations

UK - Watling Drive, Hinckley, Leicestershire LE10 3EY, UK
 USA - 1260 11th Street West, Milan, Illinois 61264, USA
 Germany - Im Rank 5, 73655 Plüderhausen, Germany

