

# TSF / TSFA - Torque Reaction Transducers

## Product Overview

The TSF range of Torque Transducers provides a cost-effective solution to static or semi-Rotary Torque measuring problems.

Intermediate and larger sizes are available. An aluminium version is also available where weight is of concern. All units are internally strain gauged for protection and a range of readouts and amplifiers are available for the complete range of TSF Transducers.

### System Specifications:

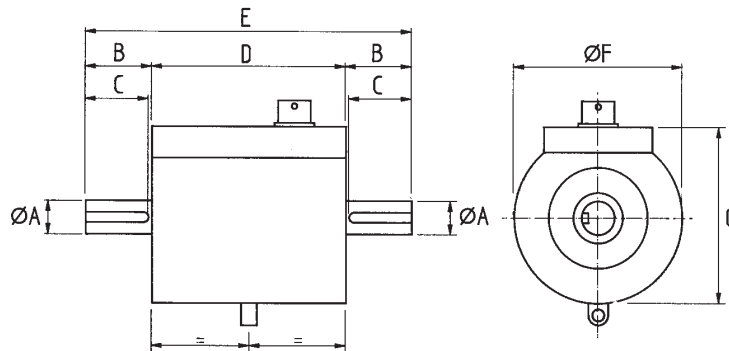
Nominal Sensitivity:	1.5mV/V	Non-linearity:	±0.1% fs
Compensated Range:	0 to +95°C	Overload Capacity:	150% fs
Repeatability:	±0.05% FS	Storage Temp:	-30 to +95°C
Bridge Supply:	10V	Hysteresis:	±0.1% fs
Zero Shift:	< ±0.01%/C°	Bridge Resistance:	700 ohms
Operating Temp:	0 to +95°C	Span Shift:	< ±0.02%/C°
Tolerance on C diameter:	H7	Accuracy:	0.25% FS

## Industrial Measurements

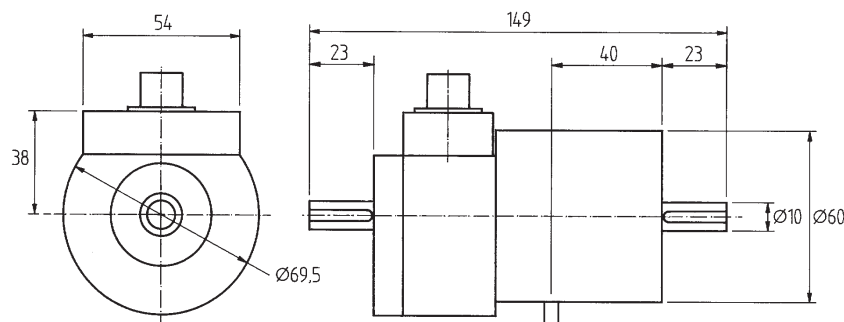
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## Dimensions



Model No.	Stock Range	Max Speed	A	B	C	D	E	F	G
TRP-5	5Nm	8000	12	26,5	23	65	118	60	65
TRP-10	10Nm	8000	12	26,5	23	65	118	60	65
TRP-50	50Nm	8000	12	26,5	23	65	118	60	65
TRP-100	100Nm	6000	20	53	45	108	215	102	95
TRP-250	250Nm	6000	25	53	45	108	215	102	95
TRP-500	500Nm	6000	30	53	45	108	215	102	95
TRP-1K	1KNm	6000	35	53	45	108	215	102	95
TRP-2K	2KNm	3000	50	71	66	170	312	177	174
TRP-5K	5KNm	3000	60	100	95	170	370	190	188



Model No.	Range	Max Speed
TRP-CLT-1	2Nm	8000
TRP-CLT-5	5Nm	8000
TRP-CLT-10	10Nm	8000

For more information about the TRP range or for a quote, call +44 (0) 1332 810 240 or email [sales@indmeas.co.uk](mailto:sales@indmeas.co.uk).

# Providing custom torque solutions

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