

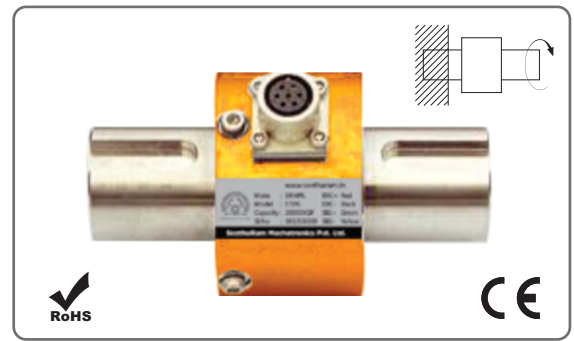
Static Torque Dual Shaft - STDS

(2kgf.cm ~ 100kgf.m)

NON - ROTARY TORQUE TRANSDUCER

FEATURES

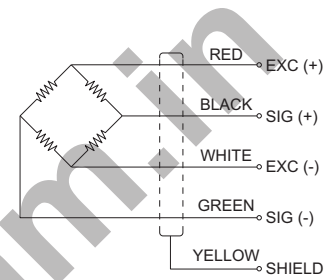
A static torque sensor for measurement of torque of stationary objects or within a certain angle of rotation. Suitable for torque measurement of various automobile parts, pneumatic and electric screwdriver etc.



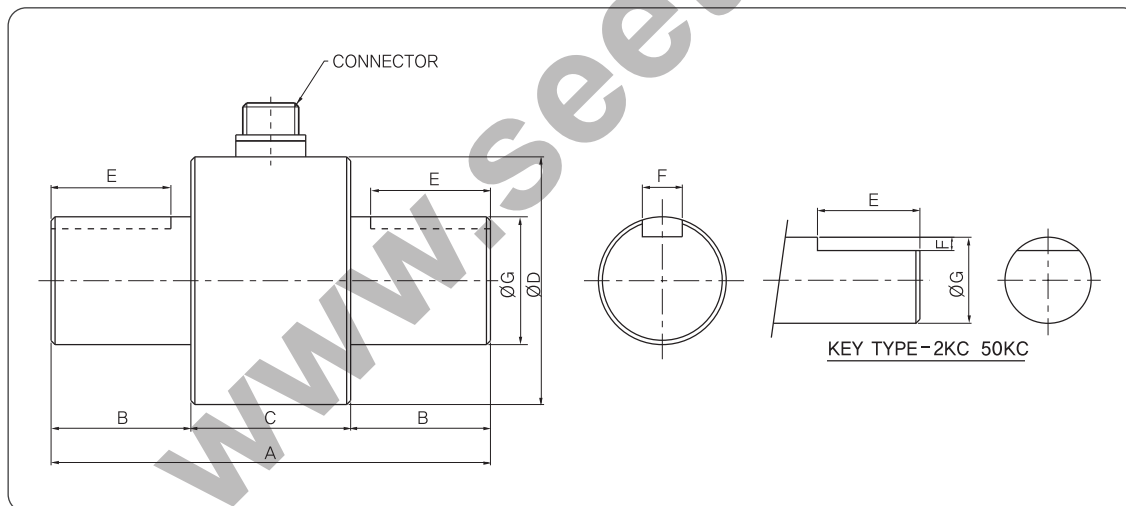
TECHNICAL SPECIFICATION

Model	STDS
Rated Capacity (R.C)	2kgf.cm ~ 100kgf.m
Rated output (R.O)	1mV/V ± 1%
Non-linearity	0.3% of R.O.
Hysteresis	0.2% of R.O.
Repeatability	0.1% of R.O.
Excitation recommendad	10VDC
Temp. range, compensated	0.3% R.O./10°C
Temp. range, safe	0.2% Load/10°C
Safe overload	120% R.C.

WIRING INFORMATION



DIMENSION DETAILS



DIMENSION TABLE

Unit : mm

Capacity	A	B	C	ØD	E	F	G
2, 5, 10, 20 kgf.cm	75	20	35	34	15	1	8
30, 50 kgf.cm	75	20	35	34	15	1	12
1, 2 kgf.m	82	21	40	40	16	5x5	18
3, 5 kgf.m	82	21	40	43	16	5x5	18
10, 20 kgf.m	110	35	40	62	30	10x8	32
50, 100 kgf.m	155	55	45	84	50	12x8	47

Specifications are subject to change without Prior notice