

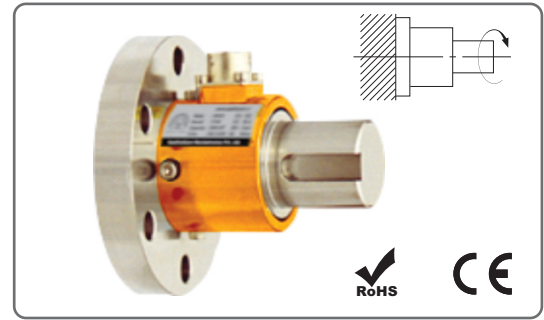
# Static Torque Flange Shaft - STFS

(2kgf.cm ~ 100kgf.m)

## NON - ROTARY TORQUE TRANSDUCER

### FEATURES

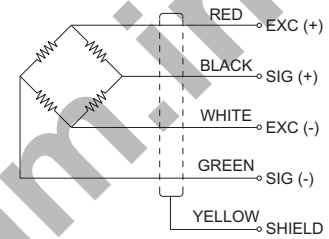
A static torque sensor for measurement of torque of stationery objects or within a certain angle rotation. Suitable for torque measurement of various automobile parts, pneumatic and electric screwdriver etc.



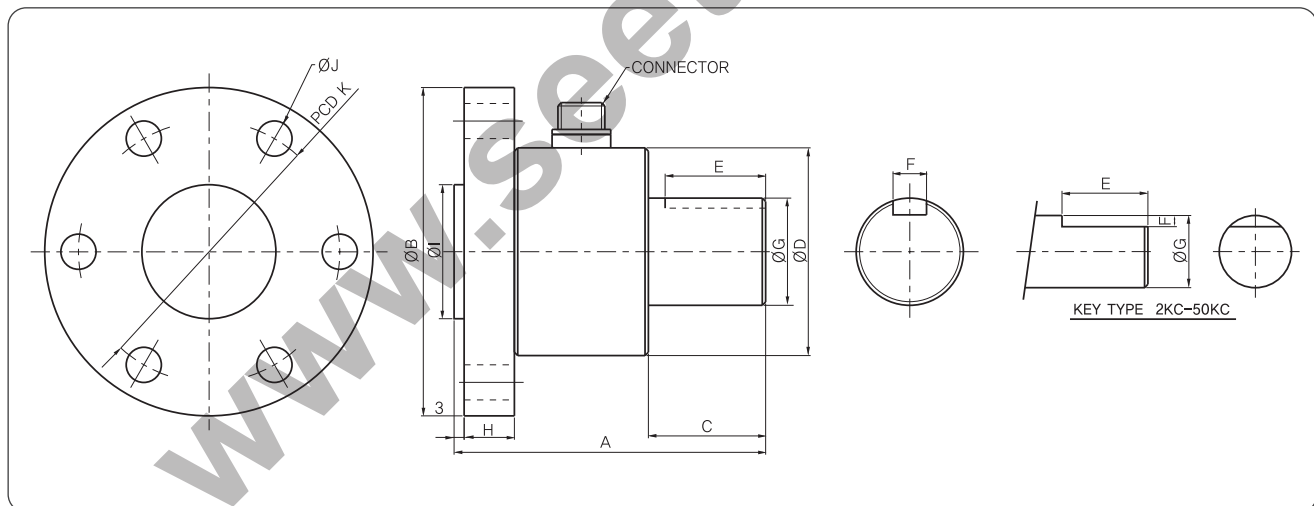
### TECHNICAL SPECIFICATION

Model	STFS
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	D	E	F	G	H	I	J	K
2, 5, 10, 20 kgf.cm	63	58	20	34	15	1	8	5	20	4-Ø4.5	46
30, 50 kgf.cm	68	80	20	34	15	1	12	10	40	4-Ø6.5	66
1, 2, 3, 5 kgf.m	74	80	21	43	16	5x5	18	10	40	4-Ø6.5	66
10, 20 kgf.m	93	98	35	50	30	10x8	32	15	40	6-Ø10.5	78
50, 100 kgf.m	123	146	55	84	50	12x8	47	20	60	6-Ø13	115

Specifications are subject to change without Prior notice