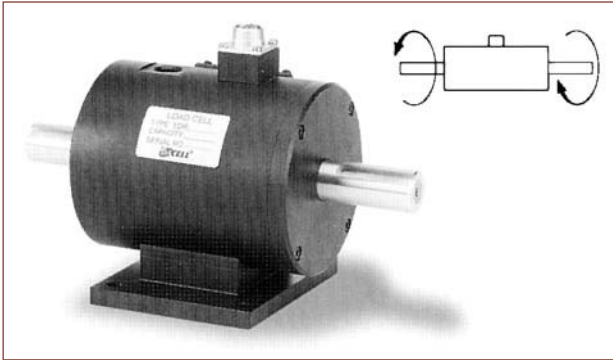


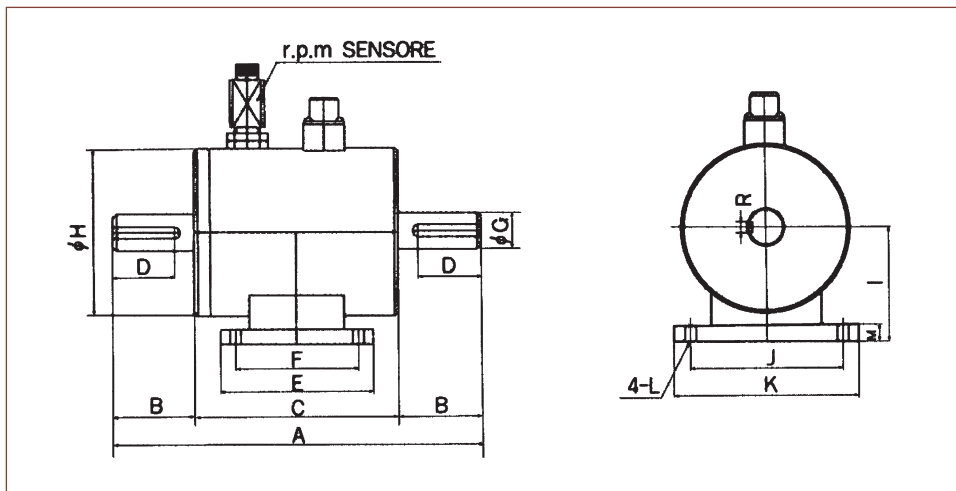
SHAFT TYPE TORQUE SENSOR

Model TRB



Model TRB load cell measure the torque of continuous rotating object. Platinum coated connector provides long term signal stability and high accuracy. These models are most appropriate for industrial measurement. Applications include the performance testers for automotive components such as clutches transmissions, motors and pumps.

*Option : r.p.m. sensor, Foot mount.



Specifications

Specifications	Accuracy
Rated capacity (R.C)	1 ~ 1000kgf-m
Rated output (R.O)	1.5mv/v±1% (1~5kgf-m : 1mv/v)
Nonlinearity	0.3% R.O.
Hysteresis	0.2% R.O.
Repeatability	0.3% R.O.
Excitation recommended	10V
Terminal resistance	350Ω ± 1%
Insulation resistance bridge	200MΩ
Temperature effect, on rated output	0.3% R.O./10°C
Temperature effect, on zero balance	0.02% Load /10°C
Safe overload	120% R.C
Cable length	ø 7, 4core, 3m

Dimensions Table

Unit : mm

Model	(MM) Rated Capacity (kgf-m)	A	B	C	D	E	F	øG	øH	I	J	K	L	M	R	R.P.M
TRA-1K	1	230	43	144	38	100	84	18	85	95	90	110	7	12	5 x 3	5000
TRA-2K	2	230	43	144	38	100	84	18	85	55	90	110	7	12	5 x 3	5000
TRA-5K	5	230	43	144	38	100	84	18	85	55	90	110	7	12	5 x 3	5000
TRA-10K	10	260	55	150	50	100	84	32	100	63	98	115	7	12	10 x 5	5000
TRA-20K	20	260	55	150	50	100	84	32	100	63	98	115	7	12	10 x 5	4000
TRA-50K	50	335	80	175	75	120	98	47	118	75	124	148	9	15	12 x 5	4000
TRA-100k	100	335	80	175	75	120	98	47	118	75	124	148	9	15	12 x 5	4000
TRA-200K	200	375	100	175	95	120	98	63	135	90	150	180	9	20	18 x 7	4000
TRA-300K	300	375	100	175	95	120	98	63	135	90	150	180	9	20	18 x 7	3000

