

FLANGE TYPE ROTARY TORQUE TRANSDUCERS

MODEL

SSF

Feature

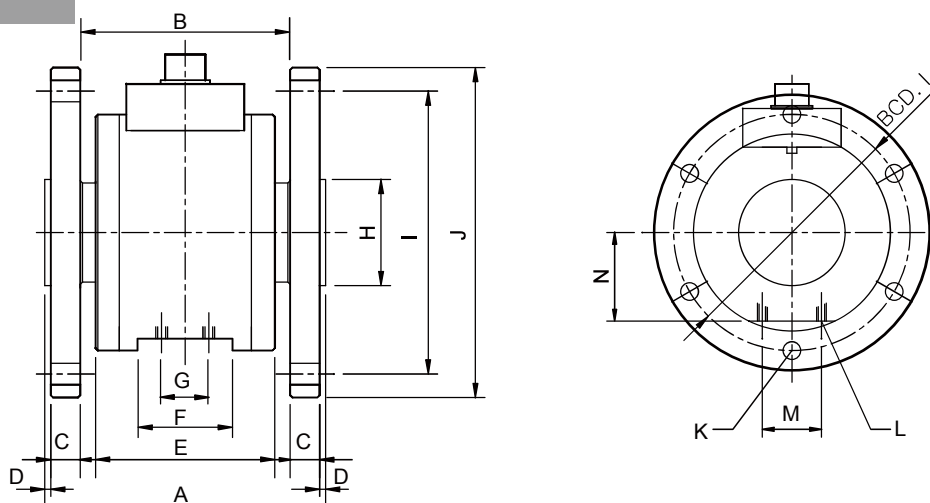
- 회전하는 물체의 연속적인 토크 측정
- Strain Gauge 방식으로 브러쉬와 슬립링을 사용하여 정밀도가 높다.
- Flange type으로서 소형이므로 설치가 간단하다.

Application

- Motor의 동력 Test
- 감속기의 부하 Test
- 볼트, 너트 규정 Torque 체결장치
- 클러치, 브레이크 Test
- 클러치, 변속기, 브레이크의 특성 Test



Dimension



Specification

Rated capacity	1kgf.m ~ 200kgf.m
Rated output	1.5mV/V $\pm$ 1%
Nonlinearity	0.1% of R.O
Hysteresis	0.1% of R.O
Repeatability	0.1% of R.O
Terminal resistance input	350 $\pm$ 3.5 Ω
Terminal resistance output	350 $\pm$ 3.5 Ω
Insulation resistance	200M Ω
Temperature range compensated	0.3% R.O/10 $^{\circ}$ C
Temperature range safe	0.2% Load/10 $^{\circ}$ C
Excitation recommended	10V DC
Safe overload	150% R.C

Dimension table (unit : mm)

Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1,2kgf-m	114	89	10	2.5	76	40	20	$\varnothing$ 45h7	115	$\varnothing$ 135	4- $\varnothing$ 9	4-M5 $\times$ DP10	30	42.5
5,10kgf-m	119	89	12.5	2.5	76	40	20	$\varnothing$ 45h7	120	$\varnothing$ 140	6- $\varnothing$ 9	4-M5 $\times$ DP10	30	45
20,50,100kgf-m	160	118	17.5	3.5	95	55	35	$\varnothing$ 60h7	150	$\varnothing$ 175	6- $\varnothing$ 11	4-M8	30	52.5
200kgf-m														