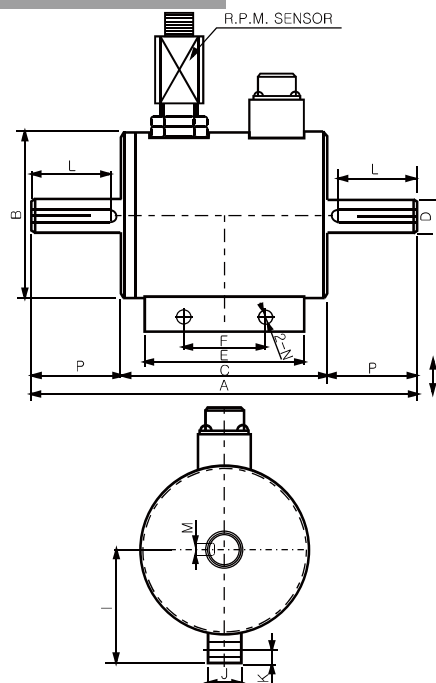


RPM ROTARY TORQUE TRANSDUCERS

MODEL

SDZ

Dimension



Feature

- Slip ring type의 R.P.M. 일체형인 회전형 torque transducers
- 외형 size를 최소화하여 설치 장소가 좁은 공간에 사용이 가능
- 진동이 많은 곳에 적용하도록 설계

Specification

Rated capacity	1kgf ~ 300kgf-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 $\pm$ 5 Ω
Terminal resistance output	350 $\pm$ 3 Ω
Insulation resistance	2000M Ω
Temperature range compensated	-10 ~ 60 $^{\circ}$ C
Temperature range safe	-20 ~ 70 $^{\circ}$ C
Temperature effect on zero balance	0.05% R.O/10 $^{\circ}$ C
Temperature effect on rated output	0.5% Load/10 $^{\circ}$ C
Excitation recommended	10V DC
Safe overload	150% R.C
Cable	ϕ 7 Shield 3m

Dimension

Capacity	A	ϕB	C	ϕD	E	F	I	J	K	L	M	ϕN	P	RPM
1,2kgf-m	170	74	90	20	72	36	51.5	14	7	35	5 $\times$ 5	6.5	40	8,000
5,10kgf-m	190	78	100	23	80	36	54	14	7	39	7 $\times$ 7	7.5	45	6,000
20,50kgf-m	230	88	100	32	80	36	59	14	7	55	10 $\times$ 8	7.5	65	6,000
100kgf-m	280	104	110	42	80	40	70	16	8	75	12 $\times$ 8	8.5	85	5,000
200kgf-m	300	118	120	52	85	45	77	16	8	80	16 $\times$ 10	8.5	90	4,000
300kgf-m	320	125	125	63	90	50	80	16	8	85	18 $\times$ 11	8.5	97.5	3,500
500kgf-m	341	143	121	73	88	50	90	16	9	90	20 $\times$ 12	8.5	110	3,000
1000kgf-m	373	150	133	83	104	54	98	20	10	100	22 $\times$ 14	10.5	120	2,000
2000kgf-m	433	180	133	103	104	54	112	20	10	130	22 $\times$ 14	10.5	150	2,000