MODEL

PLATFORM SCALE LOAD CELLS

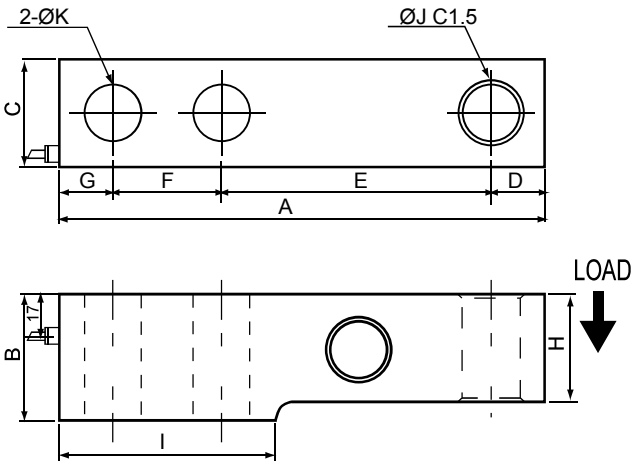
SCPS

Feature

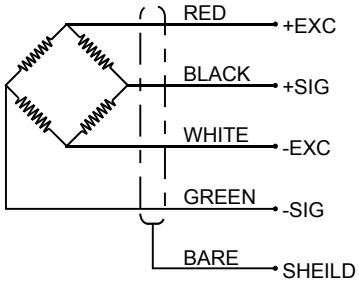
Shear Beam Load Cell
고정밀도 로드셀로 플랫트폼 스케일 및
각종계량장치에 사용.
1/3000 이상의 고정밀도
스테인레스강 사용 (17-4PH), 밀폐구조.



Dimension



Wiring information



Dimension (unit:mm)

Capacity	A	B	C	D	E	F	G	H	I	ΦJ	ΦK	Weight(kg)
500kgf,1tf,2tf	135	38	30	17	75	25	18	34	58	13.5	13.5	1.1
3tf,5tf	170	48	38	20	85	50	15	39	79	18	18.5	2.3
9tf	200	52	56	20	95	62	23	42	110	21	24.5	5
10tf,12tf	263	60	60	30	118	90	25	52	143	26	26	9

Specification

Specification	Accuracy
Rated capacity (R.C)	500kgf, 1, 2, 3, 5, 9, 10, 12tf
Rated output (R.O)	2mV/V ±0.1%
Nonlinearity	0.03% of R.O.
Hysteresis	0.03% of R.O.
Repeatability	0.25% of R.O.
Creep (20min)	0.03% of R.O.
Zero balance	±5% R.O
Terminal resistance input	350 ±30Ω
Terminal resistance output	350 ±3Ω
Insulation resistance	2000MΩ
Temperature range, compensated	-10 ~ 50℃
Temperature range, safe	-20 ~ 80℃
Temperature effect, on zero balance	0.05% R.O./10℃
Temperature effect, on rated output	0.02% LOAD/10℃
Excitation recommended	10V
Safe overload	150% R.C
Cable length	Φ5±0.3mm 4core, 3m