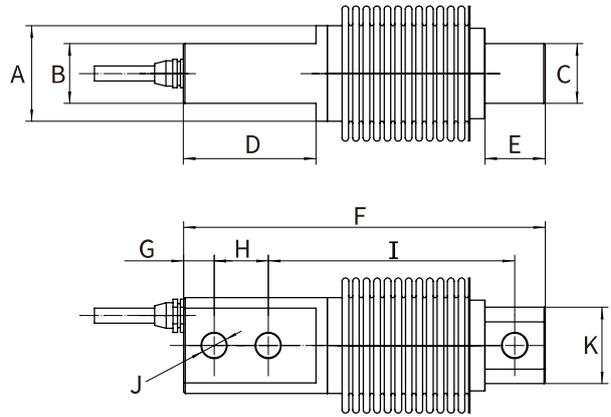


DYBW-106 Shear beam load cells



Product Reviews

Characteristic

The sensor uses metal bellows laser welding, so it is also called bellows type sensor. It can withstand two forms of pull and pressure, anti-load, fatigue resistance to strong ability, in order to deal with the harsh working environment using stainless steel material with bellows welding sealing.

Application Area

- Applied to both dynamic and static weighing equipment
- Common dynamic weighing equipment: weighing coal feeder, weighing feeder, electronic belt scale, screw scale, electronic measuring belt scale, single roller belt scale, double roller belt scale, spiral weighing feeder, batching scale and other measurement and control equipment
- Common static weighing equipment: automobile scale, packaging scale, hopper scale, single machine weighing and other weighing equipment.

Parameters Table

Range	0-1000kg	Material quality	Stainless Steel
Output sensitivity	2.0/3.0±0.05mV/V	Impedance	350Ω
Zero point output	±1%F.S.	Insulation resistance	≥5000MΩ/100VDC
Nolinear	0.03%F.S.	Service voltage	5-15v
Hysteresis	0.03%F.S.	Operating temperature range	-20-60°C
Repeatability	0.03%F.S.	Safe overload	150%
Creep (30 min)	0.03%F.S.	Extreme overload	200%
Temperature sensitivity drift	0.05%F.S./10°C	Cable line specifications	φ5x3m
Xero point temperature drift	0.05%F.S./10°C	Cable limit tension	10kg
Response frequency	10kHz	TEDS	

Range (kg)	A	B	C	D	E	F	G	H	I	J	K
20~200	Φ32	20	20	44	20	120	10.15	18	82	3-Φ8.3 Penetrate	Φ25.5
300~1000	Φ32	20	20	44	20	120	10.15	18	82	3-Φ10.3 Penetrate	Φ25.5