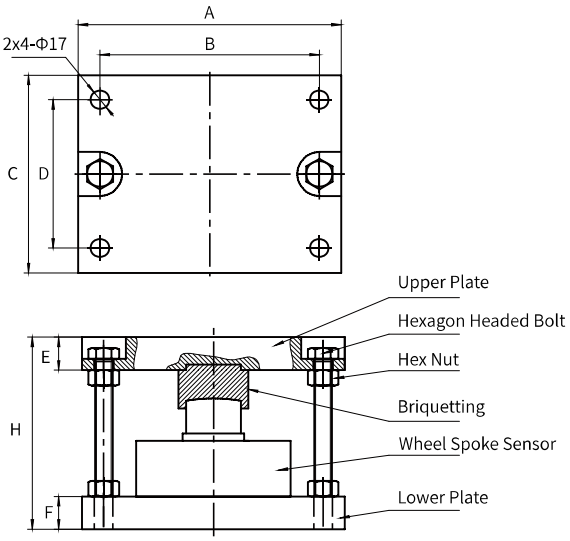
DYMK-002 Weighing Modules



Product Reviews

Characteristic

The sensor elastomer is a pore structure. The whole structure is like a wheel, and multiple spokes form between the hub and the tire. External loads are applied to the upper end face of the center. The hub, spokes and tires together form multiple shear beams with fixed supports on both sides. The shear stress elastomer of the hole structure has low appearance and good stability.

It is insensitive to bending moments and has a good linearity. Large transverse stiffness, strong resistance to lateral and eccentric loads. The integrated structure is symmetrical, and the thermal expansion in different directions coincides with each other. The temperature coefficient is small.

Application Area

- Platform Weighing Scale
- Truck Scale
- Orbital Ground Pound
- Barster, storage tank, bucket tank scale and other weighing equipment.
- It is used in large material tank, bin weighing, reaction kettle, hopper and vertical tank weighing application.

Parameters Table

Range	0-100T	Material quality	Stainless Steel/Alloy Steel
Output sensitivity	2.0±0.002mV/V	Impedance	700/1400Ω
Zero point output	±2%F.S.	Insulation resistance	≥5000MΩ/100VDC
Nolinear	0.05%F.S.	Service voltage	5-15V
Hysteresis	0.03%F.S.	Operating temperature range	-20-80°C
Repeatability	0.03%F.S.	Safe overload	150%
Creep (30 min)	0.03%F.S.	Extreme overload	200%
Temperature sensitivity drift	0.03%F.S.	Cable line specifications	ϕ5x5m
Xero point temperature drift	0.05%F.S./10°C	Cable limit tension	10kg
Response frequency	10kHz	TEDS	

Range (T)	A	B	C	D	E	F	H
1-5	200	170	150	120	24	19	110
10-20	200	160	160	125	25	25	145
30	240	200	180	135	30	30	175
40-60	240	200	180	135	30	30	175
80	330	270	240	170	35	35	235
100	330	270	240	170	35	35	210