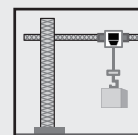
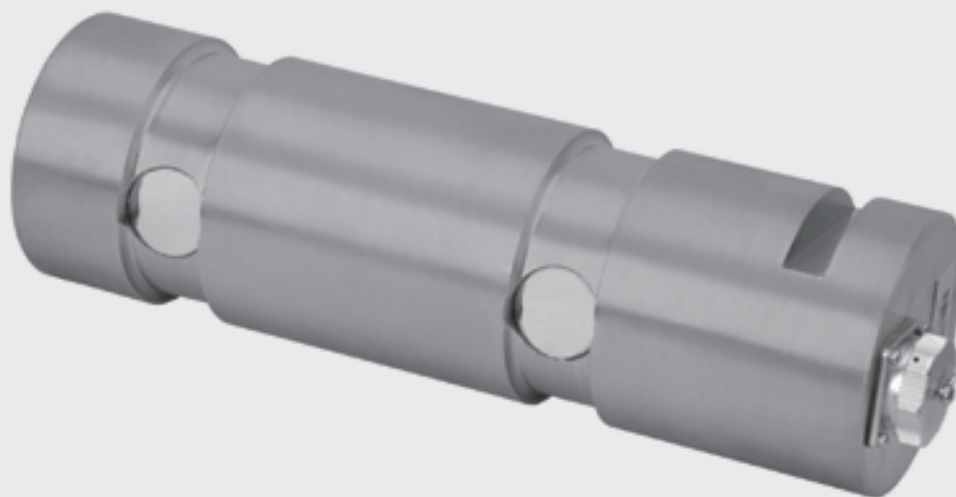
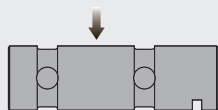


Type DBST-HK Load Cell

30t/70t/100t

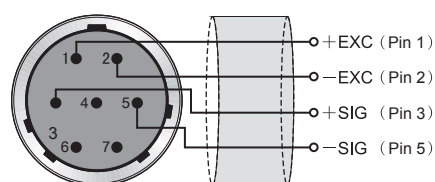


Double Ended
Shear Beam

Features 主要特点

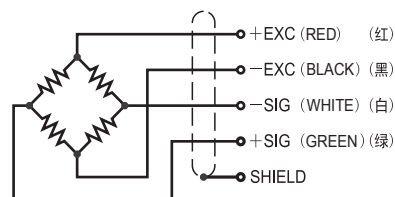
- Double ended shear beam load cell
- Senior alloy steel
- High accuracy
- High stability
- High protection class
- Easy to install
- Use in tough industrial environment
- Suitable for every kinds of safe limiter
- 双剪切梁式
- 优质合金钢材质
- 高精度
- 高稳定性
- 高保护等级
- 安装简便、快速
- 可用于恶劣的工业环境
- 适用于各种过载保护装置

Schematic 接线方式



DBST-HK(30t/70t)

PIN 1 : + input
PIN 2 : - input
PIN 3 : + output
PIN 5 : - output
1号针 : + 激励
2号针 : - 激励
3号针 : + 信号
5号针 : - 信号



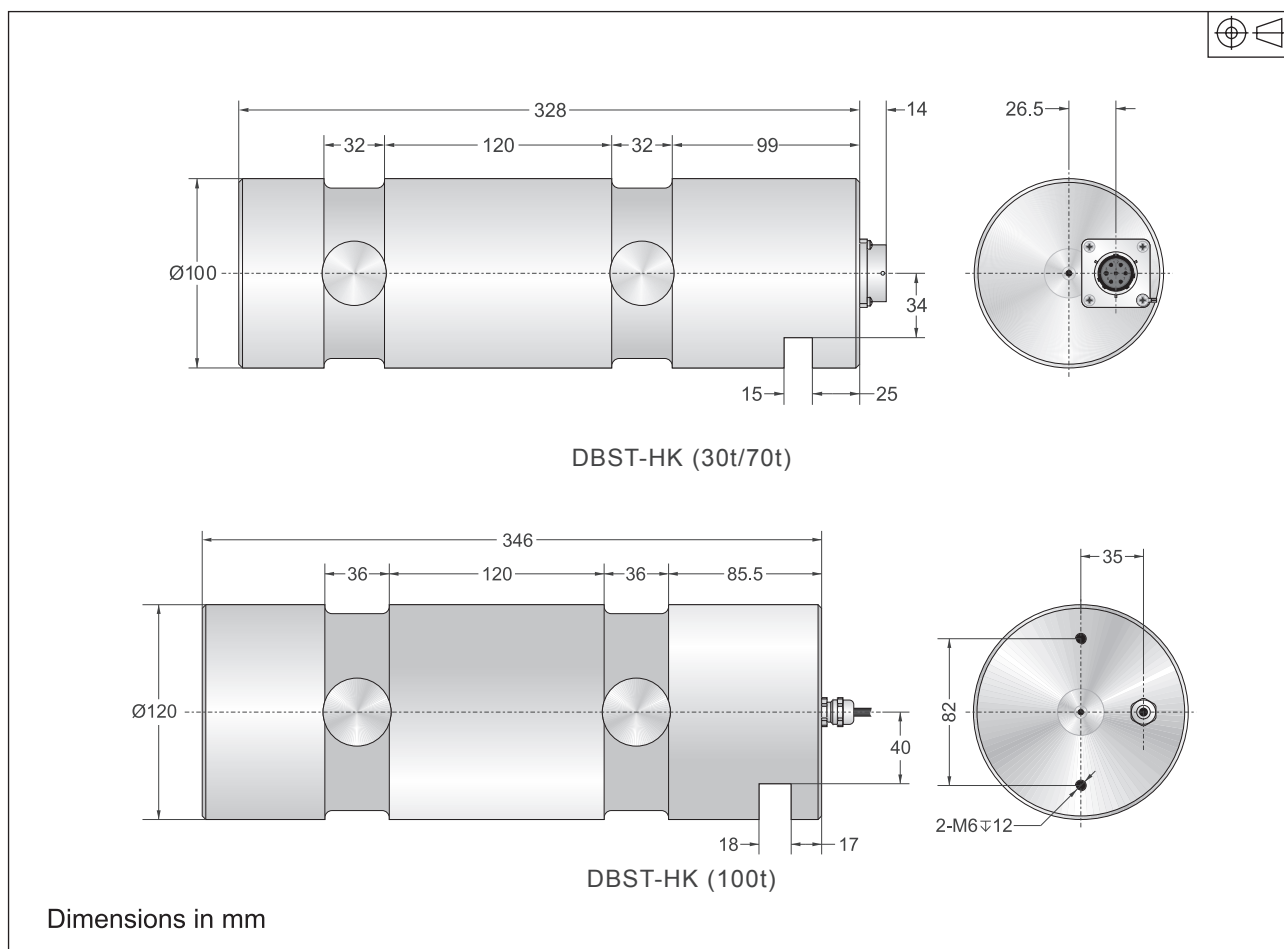
DBST-HK(100t)

Red : + input
Black : - input
Green : + output
White : - output
红色 : + 激励
黑色 : - 激励
绿色 : + 信号
白色 : - 信号

Capacities 量程

30t, 70t, 100t

Dimensions 尺寸



Double Ended
Shear Beam

Specification 技术参数

Rated Output	额定输出	1.0mV/V $\pm 0.1\%$
Zero Balance	零点平衡	$\pm 1\%$ of rated output
Creep after 30 minutes	蠕变	$\pm 0.5\%$ of rated output
Nonlinearity	非线性	$\pm 0.5\%$ of rated output
Hysteresis	滞后	$\pm 0.5\%$ of rated output
Repeatability	重复性	$\pm 0.5\%$ of rated output
Temp. effect on output	灵敏度温漂	$\leq 0.03\%$ of applied output/ $^{\circ}\text{C}$
Temp. effect on zero	零点温漂	$\leq 0.03\%$ of rated output/ $^{\circ}\text{C}$
Safe Temp. Range	可用温度范围	-10°C to $+70^{\circ}\text{C}$
Temp. Compensated	温度补偿范围	-10°C to $+40^{\circ}\text{C}$
Safe Overload	安全载荷	150%
Ultimate Overload	极限载荷	200%
Input Impedance	输入阻抗	770 ohm ± 30 ohm
Output Impedance	输出阻抗	700 ohm ± 5 ohm
Insulation Resistance	绝缘阻抗	≥ 5000 M ohm (50V DC)
Rated Excitation	推荐激励电压	10V DC/AC
Maximum Excitation	最大激励电压	15V DC/AC
Cable Type	导线类型	30t/70t : 7 pins connector (7芯航空接头) 100t : Red(+ E) Black(- E) Green(+ S) White(- S)