

B9F

- Stainless steel construction, dual shear beam structure, adhesive sealed, compression loading available.
- Ingress Protection (according to EN 60529): IP67
- Suitable for electronic truck scales, hopper scales, track scales and other electronic weighing devices.



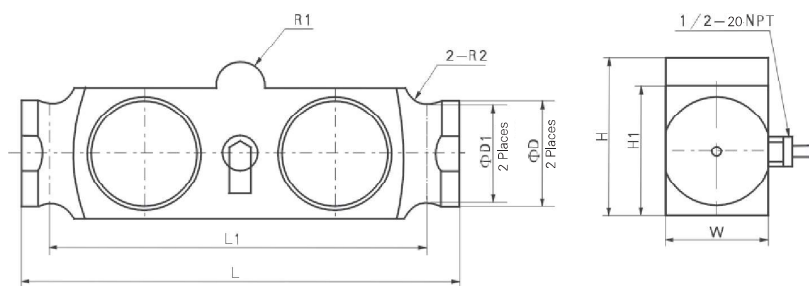
Available models

Capacity	Accuracy	Full article description
xxklb	D3	B9F-D3-xxK-9B

Specification

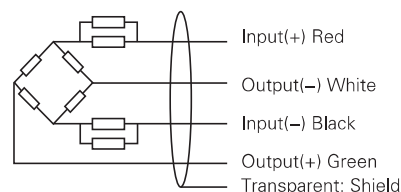
Capacity	klb	10/15/20/25/30/40/50/60/75
Accuracy class		D3
Maximum number of verification intervals	N.max	3000
Maximum number of load cell intervals (nLC)	vmin	E _{max} /10000
Combined error	%FS	± 0.020
Creep	%FS/30min	± 0.016
Temperature effect on sensitivity	%FS/10°C	± 0.011
Temperature effect on zero	%FS/10°C	± 0.015
Output sensitivity (= FS)	mV/V	3.0 ± 0.003
Terminal resistance, input	Ω	700 ± 7
Terminal resistance, output	Ω	703 ± 4
Insulation impedance	MΩ	≥ 5000(50VDC)
Zero balance	%FS	± 1.0
Temperature, compensated	°C	-10~+40
Temperature range, operating	°C	-35~+70
Excitation, recommended voltage	V	5~12(DC)
Excitation maximum	V	18(DC)
Safe overload	of E _{max}	150
Ultimate overload	of E _{max}	300
ATEX classification (optional)		II1G Ex ia IIC T4 II1D Ex iaD20 T73°C II3G Ex nL II C T4

Dimensions in mm



Dimension	L	L1	H	H1	W	ΦD	ΦD1	R1	R2
Capacity									
10~25klb	203.2 (8.0)	180.95 (7.12)	58.8 (2.31)	49.28 (1.94)	36.58 (1.44)	Φ25.4 (1.0)	Φ20.32 (0.8)	R9.52 (0.38)	R9.53 (0.37)
40~75klb	215.9 (8.5)	184.15 (7.25)	76.12 (3.0)	62.23 (2.45)	49.53 (1.95)	Φ50.8 (2.0)	Φ44.5 (1.75)	R12.7 (0.5)	R19.05 (0.75)

Wiring



- Adopt shielded, 4 conductor cable: Φ5mm
- Standard cable length: 9m