



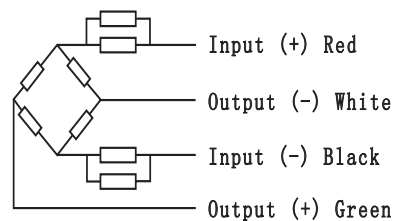
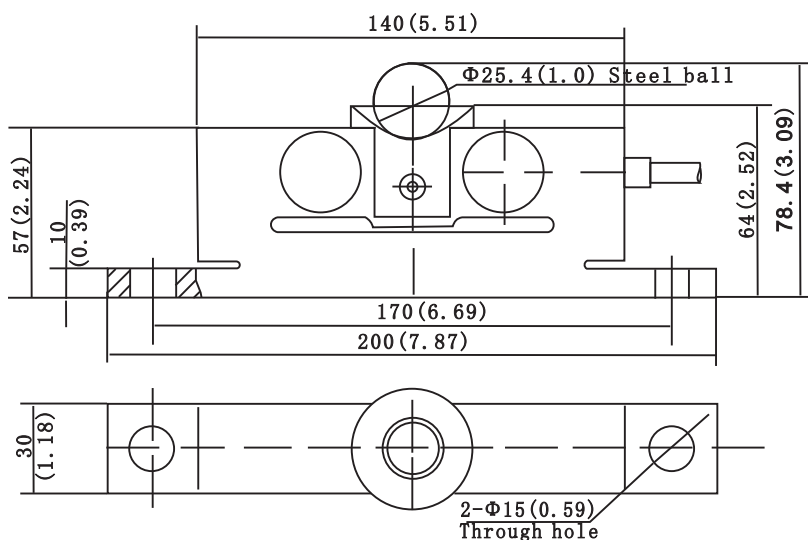
B9B1

- B9B1 load cells are available in the capacity of 2t
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, easy for installation, suitable for electronic platform scales and other electronic weighing devices
- Safe and anti-explosive product, can be used in atrocious environments and hazardous areas

Features

- Capacities: 2t
- High accuracy
- Stainless steel construction
- Low profile

Specifications		
Capacity	t	2
Accuracy		C3
Maximum Number of Verification Intervals	Nmax	3000
Minimum Load Cell Verification Intervals	Vmin	Emax/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	(mV/V)	1.2±0.004
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	2.5
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300



Wiring:

Shielded 4 conductor cable
Standard Cable Length: 4m

Part Number	Capacity	Ship Weight	Price
B9B1-C3-2.0t-4B	2T dual shear beam	7 lb	\$570

Central Carolina Scale, Inc
919-776-7737



VALUE IN
WEIGHING



HM9B

- HM9B load cells are available in the capacities 10t~50t
- Alloy steel construction, nickel plated, hermetically welded, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, railway scales and other electronic weighing devices

Features

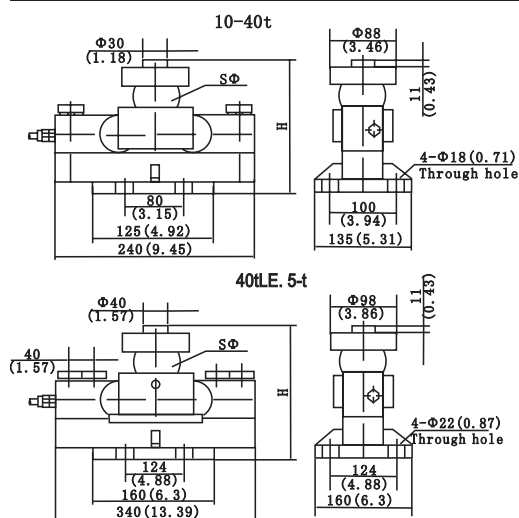
- Capacities: 10t~50t
- Easy installation and reliable performance
- High accuracy
- OIML Cert. No.: R60/2000-CNI-06.06
- Alloy steel construction
- PTB Approval No.: D09-06.08

Accessories

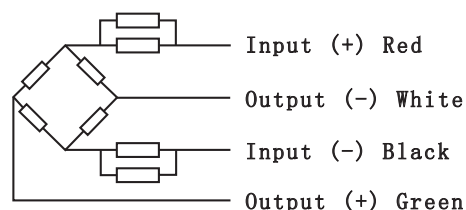
- Button
- Steel ball
- Ball cup
- Base plate



Specifications		
Capacity	t	10/20/25/30/40/40tLE/50
Accuracy		C3
Approvals		OIML R60 C3
Maximum Number of Verification Intervals	Nmax	3000
Minimum Load Cell Verification Intervals	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	(mV/V)	2.0±0.002
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	700±7
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.5
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300



Outline Dimensions mm (inch)			
Capacity	10t	20t~40t	40tLE, 50t
Dimension			
H	195 (7.68)	225 (8.86)	267 (10.51)
SΦ	50 (1.97)	76 (2.99)	82 (3.22)



Wiring:

Shielded 4 conductor cable: Φ5.5mm
Standard Cable Length: 12m

Part Number	Capacity	Ship Weight	Price
HM9B-C3-10t	10T dual shear beam	35 lb	\$455
HM9B-C3-20t	20T dual shear beam	40 lb	\$545
HM9B-C3-25t	25T dual shear beam	40 lb	\$545
HM9B-C3-30t	30T dual shear beam	40 lb	\$545
HM9B-C3-40tSE	40T SE dual shear beam	40 lb	\$545
HM9B-C3-40tLE	40T LE dual shear beam	55 lb	\$980
HM9B-C3-50t	50T dual shear beam	55 lb	\$980



B9C

- B9C load cells are available in the capacities 5Klb~250Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales, tank scales and other electronic weighing devices

Features

- Capacities: 5Klb~250Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance
- Low profile
- NTEP Cert. No.: 07-018A1

Accessories

- BM-9-402
- HM-9-401



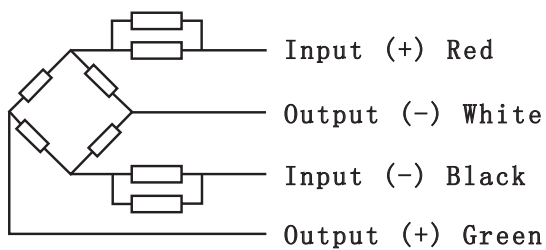
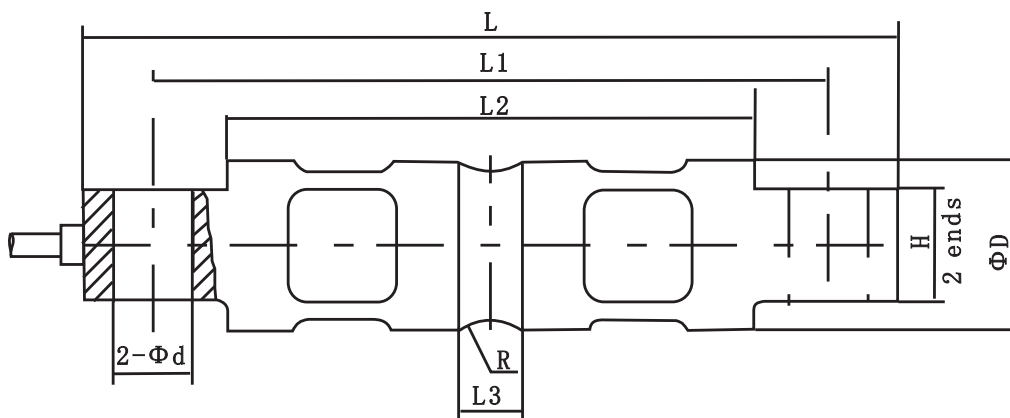
Specifications			
Capacity	Klb	5/10/20/30/40/50/60/75/90/100/150/200/250	
Accuracy		N3	N10
Maximum Number of Verification Intervals	Nmax	3000	10000
Minimum Number of Verification Intervals	Vmin	Emax/3000	Emax/10000
Combined Error	(%FS)	≤±0.020	≤±0.020
Creep	(%FS/30min)	≤±0.016	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.020	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.020	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.008	
Input Resistance	(Ω)	700±7	
Output Resistance	(Ω)	703±4	
Insulation Resistance	(MΩ)	≥5000 (50VDC)	
Zero Balance	(%FS)	1.0	
Temperature, Compensated	(°C)	-10~+40	
Temperature, Operating	(°C)	-35~+70	
Excitation, Recommended	(V)	5~12 (DC)	
Excitation, Max	(V)	18 (DC)	
Safe Overload	(%FS)	150	
Ultimate Overload	(%FS)	300	

Part Number	Capacity	Ship Weight	Price
B9C-N3-5K-9B	5K stainless dual shear beam	4 lb	\$565
B9C-N10-10K-9B	10K stainless dual shear beam	4 lb	\$565
B9C-N10-20K-9B	20K stainless dual shear beam	9 lb	\$625
B9C-N10-30K-9B	30K stainless dual shear beam	20 lb	\$995
B9C-N10-40K-9B	40K stainless dual shear beam	20 lb	\$995
B9C-N10-50K-9B	50K stainless dual shear beam	22 lb	\$995
B9C-N10-60K-9B	60K stainless dual shear beam	22 lb	\$995
B9C-N10-75K-9B	75K stainless dual shear beam	22 lb	\$995
B9C-N10-90K-9B	90K stainless dual shear beam	22 lb	\$1,295
B9C-N10-100K-9B	100K stainless dual shear beam	29 lb	\$1,295
B9C-N3-150K-9B	150K stainless dual shear beam	35 lb	\$1,535
B9C-N3-200K-9B	200K stainless dual shear beam	93 lb	\$3,700
B9C-N3-250K-9B	250K stainless dual shear beam	99 lb	\$3,700

Compatible Products	
Manufacturer	Model
Revere	9103
Coti	CI-5103-SSW
Rice Lake	RL7100HE



Outline Dimensions mm (inch)								
Dimension	L	L1	L2	L3	ΦD	H	Φd	R
Capacity (Klb)								
5~10	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	15.7 (0.62)	Φ43.2 (1.7)	28.4 (1.12)	Φ16.7 (0.66)	R12.7 (0.5)
20	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	21.3 (0.84)	Φ49.5 (1.95)	28.4 (1.12)	Φ16.7 (0.66)	R12.7 (0.5)
30~75	260.4 (10.25)	215.9 (8.5)	165.2 (6.5)	25.4 (1.0)	Φ76.2 (3.0)	60.2 (2.37)	Φ26.9 (1.06)	R25.4 (1.0)
90~100	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31.0 (1.22)	Φ88.9 (3.5)	63.5 (2.5)	Φ26.9 (1.06)	R38.1 (1.5)
150	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31.0 (1.22)	Φ99.1 (3.9)	71.1 (2.8)	Φ26.9 (1.06)	R38.1 (1.5)
200~250	408.9 (16.1)	330.2 (13.0)	254.0 (10.0)	31.7 (1.25)	Φ136.6 (5.38)	116.8 (4.6)	Φ39.6 (1.56)	R50.8 (2.0)



Wiring:

Shielded 4 conductor cable

Standard Cable Length: 9.3m

Cable Diameter: Φ5mm (5K-20K); Φ8mm (30K-250K)



B9D

- B9D load cells are available in the capacities 1Klb~75Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales, tank scales and other electronic weighing devices

Features

- Capacities: 1Klb~75Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance
- Low profile

Accessories

- BM-9-404
- HM-9-403



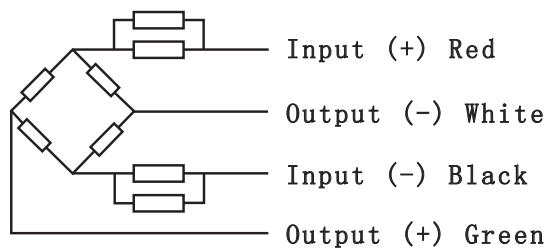
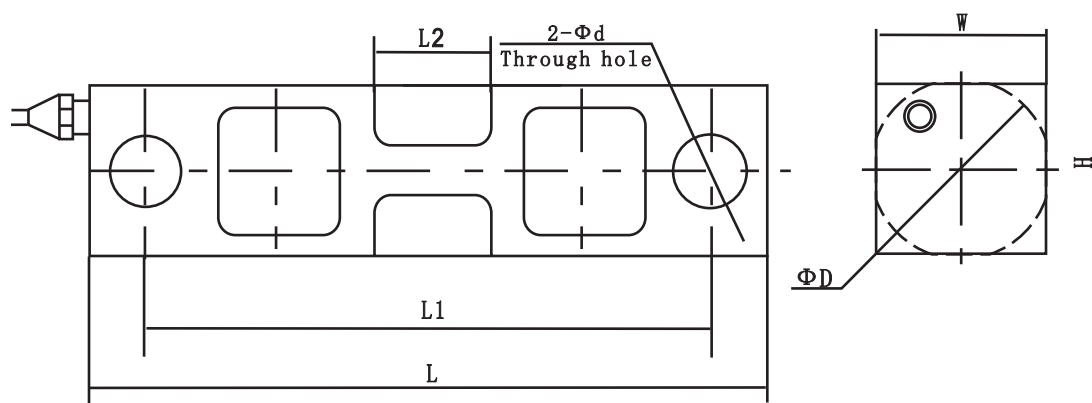
Specifications		
Capacity	Klb	1/1.5/2/2.5/3/4/5/10/15/20/25/35/50/75
Accuracy		N3 Equivalent
Maximum Number of Verification Intervals	Nmax	10000
Minimum Number of Verification Intervals	Vmin	E _{max} /10000
Combined Error	(%FS)	≤±0.050
Creep	(%FS/30min)	≤±0.040
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.040
Temperature Effect on Zero	(%FS/10°C)	≤±0.020
Output Sensitivity	(mV/V)	3.0±0.008
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Part Number	Capacity	Ship Weight	Price
B9D-N3-1K-6B	1K stainless dual shear beam	4 lb	\$440
B9D-N3-1.5K-6B	1.5K stainless dual shear beam	4 lb	\$440
B9D-N3-2K-6B	2K stainless dual shear beam	4 lb	\$440
B9D-N3-2.5K-6B	2.5K stainless dual shear beam	4 lb	\$440
B9D-N3-3K-6B	3K stainless dual shear beam	4 lb	\$440
B9D-N3-4K-6B	4K stainless dual shear beam	4 lb	\$440
B9D-N3-5K-6B	5K stainless dual shear beam	4 lb	\$440
BB9D-N3-10K-6B	10K stainless dual shear beam	7 lb	\$600
B9D-N3-15K-6B	15K stainless dual shear beam	7 lb	\$600
B9D-N3-20K-6B	20K stainless dual shear beam	7 lb	\$600
B9D-N3-25K-6B	25K stainless dual shear beam	7 lb	\$600
B9D-N3-35K-6B	35K stainless dual shear beam	7 lb	\$600
B9D-N3-50K-6B	50K stainless dual shear beam	26 lb	\$1,195
B9D-N3-75K-6B	75K stainless dual shear beam	26 lb	\$1,195

Compatible Products	
Manufacturer	Model
Revere	9203
Celtron	DSR-HSS
Sensortronics	65016W
Coti	CI-16-SSW
Rice Lake	RL75016SS
Vishay	DSR-HSS



Outline Dimensions mm (inch)							
Dimension	L	L1	L2	ΦD	Φd	H	W
Capacity (Klb)							
1~5	190.5 (7.5)	150.87 (5.94)	30.48 (1.2)	Φ31.5 (1.24)	Φ12.7 (0.5)	30.99 (1.22)	30.99 (1.22)
10~35	222.25 (8.75)	190.5 (7.5)	41.15 (1.62)	Φ50.8 (2.0)	Φ20.57 (0.81)	49.15 (1.94)	36.45 (1.44)
50~75	342.9 (13.5)	292.1 (11.5)	82.55 (3.25)	Φ75.95 (2.99)	Φ33.32 (1.31)	74.68 (2.94)	61.98 (2.44)



Wiring:

Shielded 4 conductor cable
Standard Cable Length: 6.2m
Cable Diameter: $\Phi 5\text{mm}$



H9D

- H9D load cells are available in the capacities 1Klb~75Klb
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales, tank scales and other electronic weighing devices

Features

- Capacities: 1Klb~75Klb
- High accuracy
- Low profile
- OIML Cert. No.: R60/2000-NL1-11.31
- NTEP Cert. No.: CC12-015

Accessories

- BM-9-404
- HM-9-403



Specifications		
Capacity	Klb	1/1.5/2/2.5/4/5/10/15/20/25/35/50/75
Accuracy		N3
Maximum Number of Verification Intervals	Nmax	3000
Minimum Number of Verification Intervals	Vmin	Emax/3000
Combined Error	(%FS)	≤±0.030
Creep	(%FS/30min)	≤±0.030
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.020
Temperature Effect on Zero	(%FS/10°C)	≤±0.025
Output Sensitivity	(mV/V)	3.0±0.008
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Part Number	Capacity	Ship Weight	Price
H9D-N3-1K-6B	1K alloy dual shear beam	2 lb	\$375
H9D-N3-1.5K-6B	1.5K alloy dual shear beam	2 lb	\$375
H9D-N3-2K-6B	2K alloy dual shear beam	2 lb	\$375
H9D-N3-2.5K-6B	2.5K alloy dual shear beam	2 lb	\$375
H9D-N3-4K-6B	4K alloy dual shear beam	2 lb	\$375
H9D-N3-5K-6B	5K alloy dual shear beam	2 lb	\$375
H9D-N3-10K-6B	10K alloy dual shear beam	7 lb	\$410
H9D-N3-15K-6B	15K alloy dual shear beam	7 lb	\$410
H9D-N3-20K-6B	20K alloy dual shear beam	7 lb	\$410
H9D-N3-25K-6B	25K alloy dual shear beam	7 lb	\$410
H9D-N3-35K-6B	35K alloy dual shear beam	7 lb	\$410
H9D-N3-50K-6B	50K alloy dual shear beam	26 lb	\$875
H9D-N3-75K-6B	75K alloy dual shear beam	26 lb	\$875

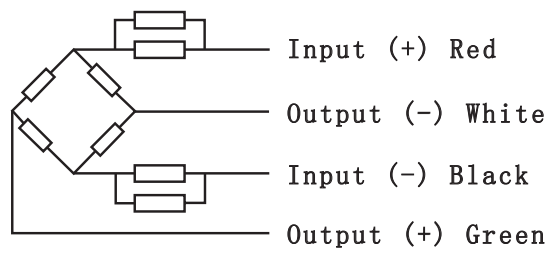
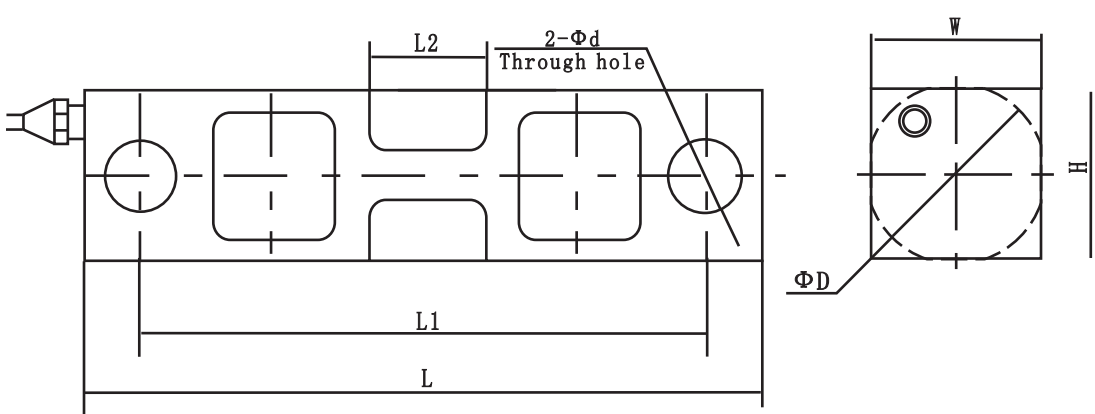
Compatible Products	
Manufacturer	Model
Revere	5203
Celtron	DSR
Sensortronics	65016
Coti	CI-16
Artech	70510
Rice Lake	RL75016
Vishay	DSR



VALUE IN
WEIGHING

Load Cells

Outline Dimensions mm (inch)							
Dimension	L	L1	L2	ΦD	Φd	H	W
Capacity (Klb)							
1~5	190.5 (7.5)	150.87 (5.94)	30.48 (1.2)	$\Phi 31.5$ (1.24)	$\Phi 12.7$ (0.5)	30.99 (1.22)	30.99 (1.22)
10~35	222.25 (8.75)	190.5 (7.5)	41.15 (1.62)	$\Phi 50.8$ (2.0)	$\Phi 20.57$ (0.81)	49.15 (1.94)	36.45 (1.44)
50~75	342.9 (13.5)	292.1 (11.5)	82.55 (3.25)	$\Phi 75.95$ (2.99)	$\Phi 33.32$ (1.31)	74.68 (2.94)	61.98 (2.44)



Wiring:
 Shielded 4 conductor cable
 Standard Cable Length: 6.2m
 Cable Diameter: $\Phi 5\text{mm}$



H9C

- H9C load cells are available in the capacities 5Klb~250Klb
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales, tank scales and other electronic weighing devices

Features

- Capacities: 5Klb~250Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance
- Low profile
- PTB Approval No.: D09-07.07
- NTEP Cert. No.: CC07-018A1

Accessories

- BM-9-402
- HM-9-401



Specifications			
Capacity	Klb	5/10/20/30/40/50/60/75/100/150/200/250	
Accuracy		N3	N10
Maximum Number of Verification Intervals	Nmax	3000	10000
Minimum Number of Verification Intervals	Vmin	Emax/3000	Emax/10000
Combined Error	(%FS)	≤±0.030	≤±0.020
Creep	(%FS/30min)	≤±0.030	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.020	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.025	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.008	
Input Resistance	(Ω)	700±7	
Output Resistance	(Ω)	703±4	
Insulation Resistance	(MΩ)	≥5000 (50VDC)	
Zero Balance	(%FS)	1.0	
Temperature, Compensated	(°C)	-10~+40	
Temperature, Operating	(°C)	-35~+70	
Excitation, Recommended	(V)	5~12 (DC)	
Excitation, Max	(V)	18 (DC)	
Safe Overload	(%FS)	150	
Ultimate Overload	(%FS)	300	

Part Number	Capacity	Ship Weight	Price
H9C-N3-5K	5K alloy dual shear beam	4 lb	\$455
H9C-N3-10K	10K alloy dual shear beam	4 lb	\$455
H9C-N3-200K	200K alloy dual shear beam	93 lb	\$2,050
H9C-N3-250K	250K alloy dual shear beam	99 lb	\$2,050
H9C-N10-20K	20K alloy dual shear beam	9 lb	\$465
H9C-N10-30K	30K alloy dual shear beam	20 lb	\$605
H9C-N10-40K	40K alloy dual shear beam	20 lb	\$605
H9C-N10-50K	50K alloy dual shear beam	22 lb	\$605
H9C-N10-60K	60K alloy dual shear beam	22 lb	\$605
H9C-N10-75K	75K alloy dual shear beam	22 lb	\$605
H9C-N10-100K	100K alloy dual shear beam	29 lb	\$875
H9C-N10-150K	150K alloy dual shear beam	35 lb	\$1,060

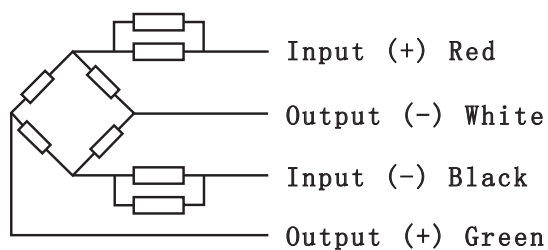
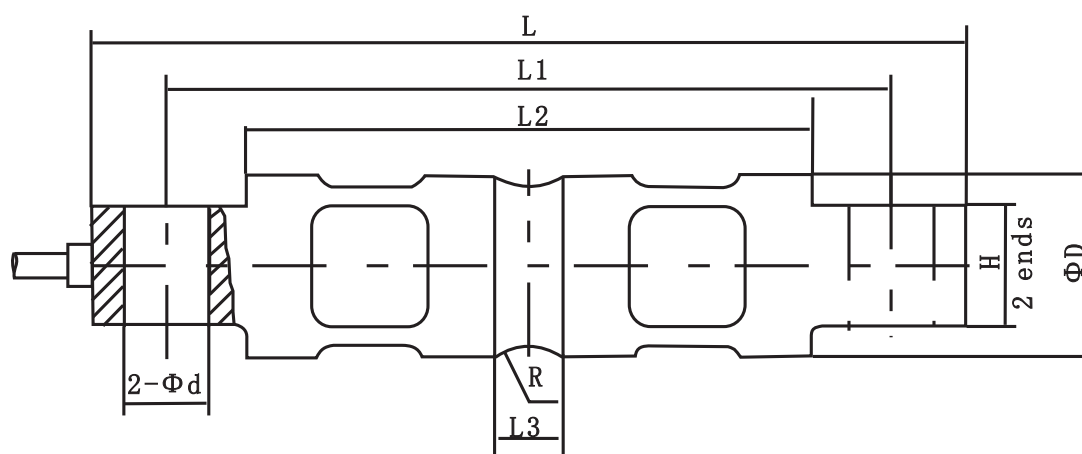
Compatible Products	
Manufacturer	Model
Revere	5103



VALUE IN
WEIGHING

Load Cells

Outline Dimensions mm (inch)								
Dimension	L	L1	L2	L3	ΦD	H	Φd	R
Capacity (Klb)								
5~10	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	15.7 (0.62)	Φ43.2 (1.7)	28.4 (1.12)	Φ16.7 (0.66)	R12.7 (0.5)
20	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	21.3 (0.84)	Φ49.5 (1.95)	28.4 (1.12)	Φ16.7 (0.66)	R12.7 (0.5)
30~75	260.4 (10.25)	215.9 (8.5)	165.1 (6.5)	25.4 (1.0)	Φ76.2 (3.0)	60.2 (2.37)	Φ26.9 (1.06)	R25.4 (1.0)
100	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31.0 (1.22)	Φ88.9 (3.5)	63.5 (2.5)	Φ26.9 (1.06)	R38.1 (1.5)
150	285.8 (11.25)	241.3 (9.5)	190.2 (7.49)	31.0 (1.22)	Φ99.1 (3.9)	71.1 (2.8)	Φ26.9 (1.06)	R38.1 (1.5)
200~250	408.9 (16.1)	330.3 (13.0)	254.0 (10.0)	31.7 (1.25)	Φ136.6 (5.38)	116.8 (4.6)	Φ39.6 (1.56)	R50.8 (2.0)



Wiring:

Shielded 4 conductor cable

Standard Cable Length: 9.3m

Cable Diameter: Φ5mm (5Klb~20Klb); Φ8mm (30Klb~250Klb)



HM9C

- HM9C load cells are available in the capacities 20K~60Klb
- Alloy steel construction, hermetically sealed, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales and other electronic weighing devices

Features

- Capacities: 20K~60Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance
- PTB Approval No.: D09-06.46

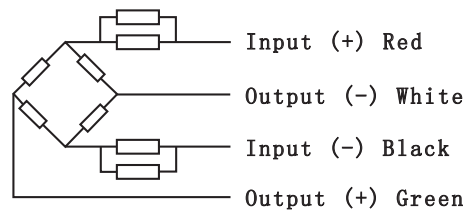
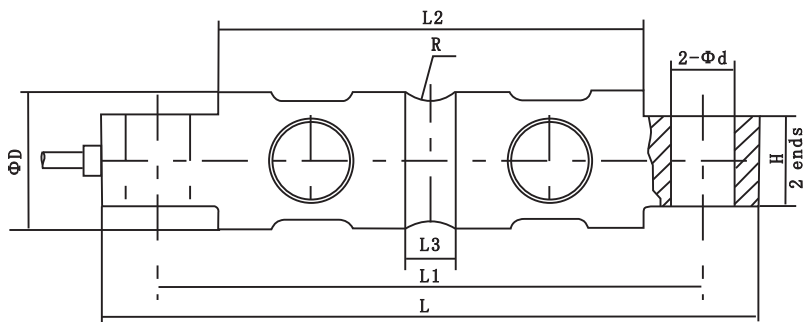
Accessories

- BM-9-402
- HM-9-401



Specifications		
Capacity	Klb	20/30/40/50/60
Accuracy		N10
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	Emax/10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.008
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Outline Dimensions mm (inch)								
Dimension	L	L1	L2	L3	ΦD	Φd	H	R
Capacity								
20	206.2 (8.12)	174.6 (6.88)	133.1 (5.24)	21.6 (0.84)	Φ49.5 (1.95)	Φ16.7 (0.66)	28.4 (1.12)	R12.7 (0.5)
30~60	260.0 (10.25)	215.9 (8.5)	165.1 (6.5)	25.4 (1.0)	Φ76.2 (3.0)	Φ26.9 (1.06)	60.2 (2.37)	R25.4 (1.0)



Wiring:

Shielded 4 conductor cable
 Standard Cable Length: 9.3m
 Cable Diameter: Φ5mm (10Klb~20Klb);
 Φ8mm (30Klb~75Klb)

Part Number	Capacity	Ship Weight	Price
HM9C-N10-20K	20K alloy dual shear beam	9 lb	\$620
HM9C-N10-30K	30K alloy dual shear beam	20 lb	\$785
HM9C-N10-40K	40K alloy dual shear beam	20 lb	\$785
HM9C-N10	50K alloy dual shear beam	22 lb	\$785
HM9C-N10-60K	60K alloy dual shear beam	22 lb	\$785



VALUE IN
WEIGHING



B9E

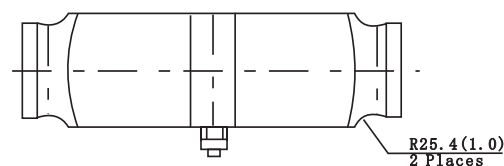
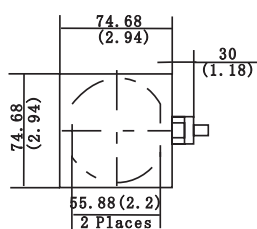
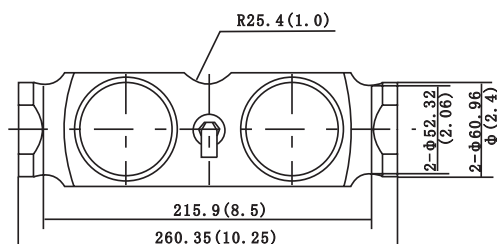
- B9E load cells are available in the capacities 50Klb~150Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, track scales, hopper scales and other electronic weighing devices

Features

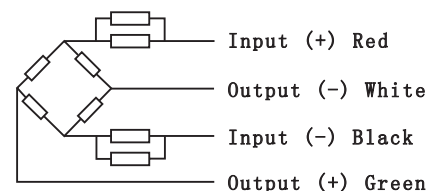
- Capacities: 50K~150Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance



Specifications		
Capacity	Klb	50/60/65/75/100/125/150
Accuracy		N10
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	Emax/10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.008
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300



Part Number	Capacity	Ship Weight	Price
B9E-N10-50K-9B	50K stainless dual shear beam	22 lb	\$1,300
B9E-N10-50K-9F	50K stainless dual shear beam	22 lb	\$1,300
B9E-N10-60K-9B	60K stainless dual shear beam	22 lb	\$1,300
B9E-N10-60K-9F	60K stainless dual shear beam	22 lb	\$1,300
B9E-N10-65K-9B	65K stainless dual shear beam	22 lb	\$1,300
B9E-N10-65K-9F	65K stainless dual shear beam	22 lb	\$1,300
B9E-N10-75K-9B	75K stainless dual shear beam	22 lb	\$1,300
B9E-N10-75K-9F	75K stainless dual shear beam	22 lb	\$1,330
B9E-N10-100K-9B	100K stainless dual shear beam	22 lb	\$1,300
B9E-N10-100K-9F	100K stainless dual shear beam	22 lb	\$1,300
B9E-N10-125K-9B	125K stainless dual shear beam	22 lb	\$1,300
B9E-N10-125K-9F	125K stainless dual shear beam	22 lb	\$1,330
B9E-N10-150K-9B	150K stainless dual shear beam	22 lb	\$1,300
B9E-N10-150K-9F	150K stainless dual shear beam	22 lb	\$1,330



Wiring:

Shielded 4 conductor cable: Φ5mm
Standard Cable Length: 9.3m

Compatible Products	
Manufacturer	Model
Revere	9223



HM9E

- HM9E load cells are available in the capacities 5Klb~250Klb
- Alloy steel construction, hermetically welded, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, automobile testing facilities, track scales and other electronic weighing devices

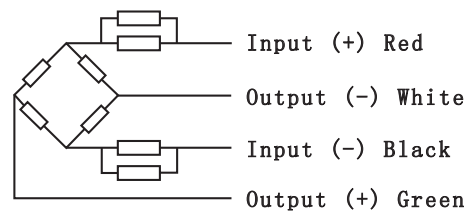
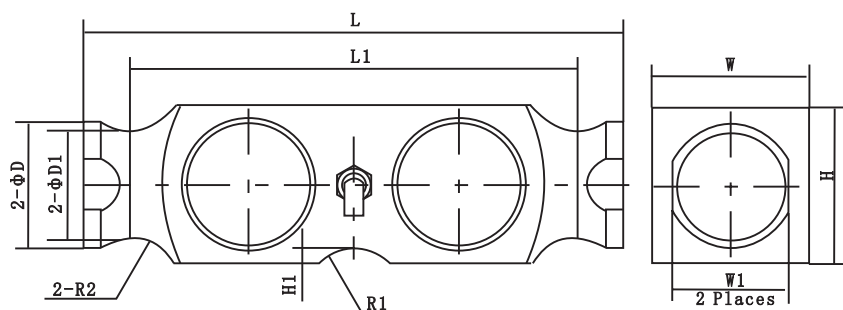
Features

- Capacities: 50K~200Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance
- OIML Cert. No.: R60/2000-NL1-10.15
- NTEP Cert. No.: CC10-057A1



Specifications		
Capacity	Klb	50/65/100/125/200
Accuracy		N10
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	E _{max} /10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Outline Dimensions mm (inch)										
Dimension	L	L1	H	H1	W	W1	ΦD	ΦD1	R1	R2
Capacity										
500Klb~125Klb	260 (10.24)	215.9 (8.5)	76.2 (3.0)	7 (0.28)	76 (2.99)	55.9 (2.2)	Φ61 (2.4)	Φ52.3 (2.06)	R25.4 (1.0)	R25.4 (1.0)
200Klb	304 (11.97)	254 (10.0)	86.36 (3.4)	10 (0.39)	86.36 (3.40)	63.5 (2.5)	Φ70 (2.76)	Φ59.7 (2.35)	R38.1 (1.5)	R38.1 (1.5)



Wiring:

Shielded 4 conductor cable
Standard Cable Length: 12.2m
Cable Diameter: Φ5mm

Part Number	Capacity	Ship Weight	Price
HM9E-N10-50K	50K alloy dual shear beam	20 lb	\$825
HM9E-N10-65K	65K alloy dual shear beam	22 lb	\$825
HM9E-N10-100K	100K alloy dual shear beam	22 lb	\$905
HM9E-N10-125K	125K alloy dual shear beam	22 lb	\$905
HM9E-N10-200K	200K alloy dual shear beam	31 lb	\$1,295

Compatible Products	
Manufacturer	Model
Revere	5223
Celtron	HED
Sensortronics	65040-1127W
Coti	CI-5223
Artech	80210
Rice Lake	RL75223
Thurman	TSC800



VALUE IN
WEIGHING



B9F

- B9F load cells are available in the capacities 10Klb~75Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, hopper scales, track scales, and other electronic weighing devices

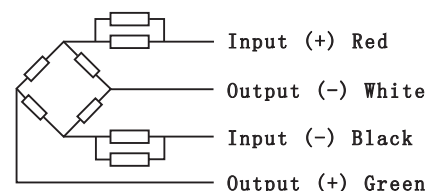
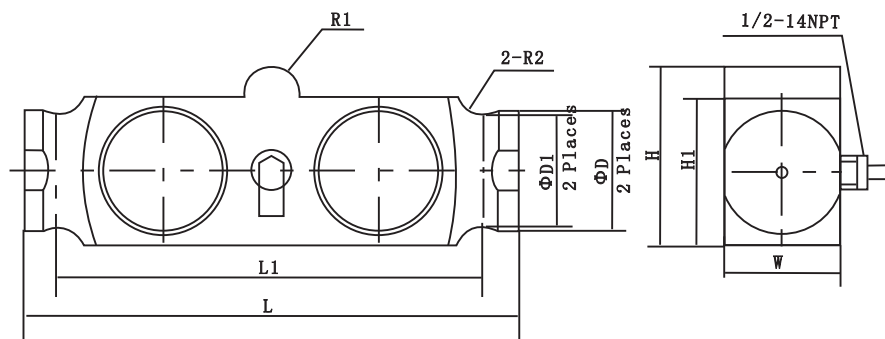
Features

- Capacities: 10K~75Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance



Specifications		
Capacity	Klb	10/15/20/25/30/40/50/60/75
Accuracy		N10 Equivalent
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	Emax/10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Outline Dimensions mm (inch)									
Dimension	L	L1	H	H1	W	ΦD	ΦD1	R1	R2
Capacity									
10Klb~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)
40Klb~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)	Φ44.45 (1.75)	R12.7 (0.5)	R19.05 (0.75)



Wiring:

Shielded 4 conductor cable: Φ5mm
Standard Cable Length: 9.3m

Part Number	Capacity	Ship Weight	Price
B9F-N10-10K-9B	10K stainless dual shear beam	9 lb	\$865
B9F-N10-15K-9B	15K stainless dual shear beam	9 lb	\$865
B9F-N10-20K-9B	20K stainless dual shear beam	9 lb	\$865
B9F-N10-25K-9B	25K stainless dual shear beam	9 lb	\$865
B9F-N10-30K-9B	30K stainless dual shear beam	13 lb	\$985
B9F-N10-40K-9B	40K stainless dual shear beam	13 lb	\$985
B9F-N10-50K-9B	50K stainless dual shear beam	13 lb	\$985
B9F-N10-60K-9B	60K stainless dual shear beam	13 lb	\$985
B9F-N10-75K-9B	75K stainless dual shear beam	13 lb	\$985

Compatible Products	
Manufacturer	Model
Revere	9223
Celtron	DLB SS
Sensortronics	65040S
Coti	BE40-SSW
Rice Lake	RL75040A
Thurman	TSC840



B9H

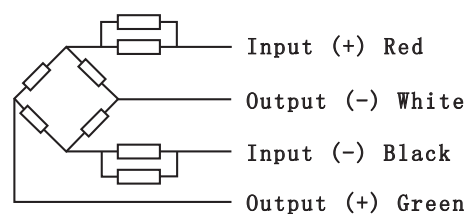
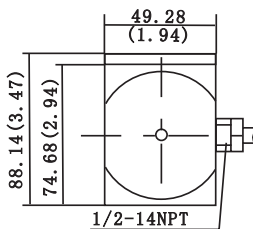
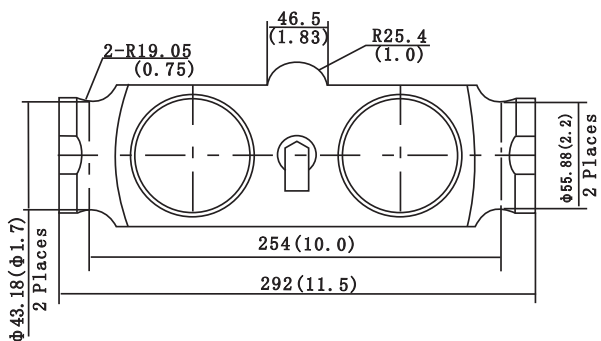
- B9H load cells are available in the capacities 50Klb~100Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, hopper scales, track scales, and other electronic weighing devices

Features

- Capacities: 50K~100Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance



Specifications		
Capacity	Klb	50/60/75/100
Accuracy		N10 Equivalent
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	E _{max} /10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300



Wiring:

Shielded 4 conductor cable: Φ5mm
Standard Cable Length: 19.3m

Part Number	Capacity	Ship Weight	Price
B9H-N10-50K-9B	50K stainless dual shear beam	22 lb	\$1,255
B9H-N10-50K-9F	50K stainless dual shear beam	22 lb	\$1,285
B9H-N10-60K-9B	60K stainless dual shear beam	22 lb	\$1,255
B9H-N10-60K-9F	60K stainless dual shear beam	22 lb	\$1,285
B9H-N10-75K-9B	75K stainless dual shear beam	22 lb	\$1,255
B9H-N10-75K-9F	75K stainless dual shear beam	22 lb	\$1,285
B9H-N10-100K-9B	100K stainless dual shear beam	22 lb	\$1,255
B9H-N10-100K-9F	100K stainless dual shear beam	22 lb	\$1,285

Compatible Products	
Manufacturer	Model
Revere	9903
Celtron	DLB SS
Sensortronics	65040S
Coti	BE40-SSW
Rice Lake	RL75040A



VALUE IN
WEIGHING



H9H

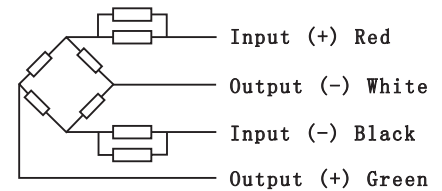
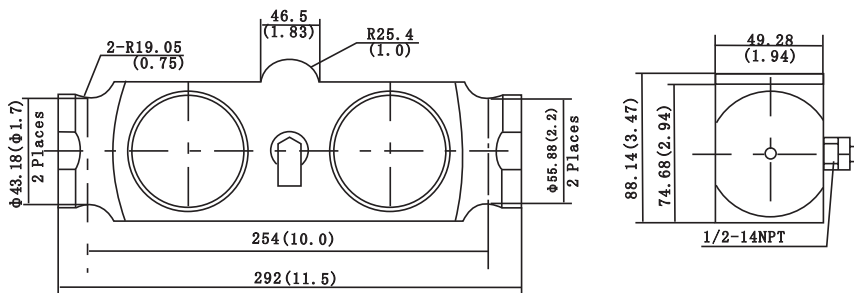
- H9H load cells are available in the capacities 50Klb~100Klb
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, hopper scales, track scales and other electronic weighing devices

Features

- Capacities: 50K~100Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance



Specifications		
Capacity	Klb	50/60/75/100
Accuracy		N10 Equivalent
Maximum Number of Verification Intervals	Nmax	10000
Minimum Load Cell Verification Intervals	Vmin	Emax/10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300



Wiring:

Shielded 4 conductor cable: $\phi 5\text{mm}$
Standard Cable Length: 5m

Part Number	Capacity	Ship Weight	Price
H9H-N10-50K-9B	50K alloy dual shear beam	22 lb	\$815
H9H-N10-50K-9F	50K alloy dual shear beam	22 lb	\$845
H9H-N10-60K-9B	60K alloy dual shear beam	22 lb	\$815
H9H-N10-60K-9F	60K alloy dual shear beam	22 lb	\$845
H9H-N10-75K-9B	75K alloy dual shear beam	22 lb	\$815
H9H-N10-75K-9F	75K alloy dual shear beam	22 lb	\$845
H9H-N10-100K-9B	100K alloy dual shear beam	22 lb	\$815
H9H-N10-100K-9F	100K alloy dual shear beam	22 lb	\$845

Compatible Products	
Manufacturer	Model
Celtron	DLB
Sensortronics	65040A
Coti	BE40
Artech	80310
Rice Lake	RL75040
Totalcomp	TDE40
Thurman	TSC840
Vishay	DLB



B9N

- B9N load cells are available in the capacities 10Klb~125Klb
- Stainless steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, hopper scales, track scales and other electronic weighing devices

Features

- Capacities: 10lb~125Klb
- High accuracy
- Stainless steel construction
- Easy installation and reliable performance



Specifications		
Capacity	Klb	10/15/20/25/30/40/50/60/75/100/125
Accuracy		N10 Equivalent
Maximum Number of Verification Intervals	Nmax	10000
Minimum Number of Verification Intervals	Vmin	E _{max} /10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.020
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

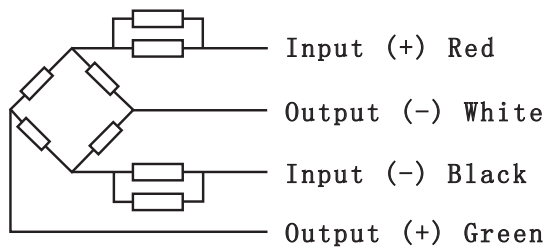
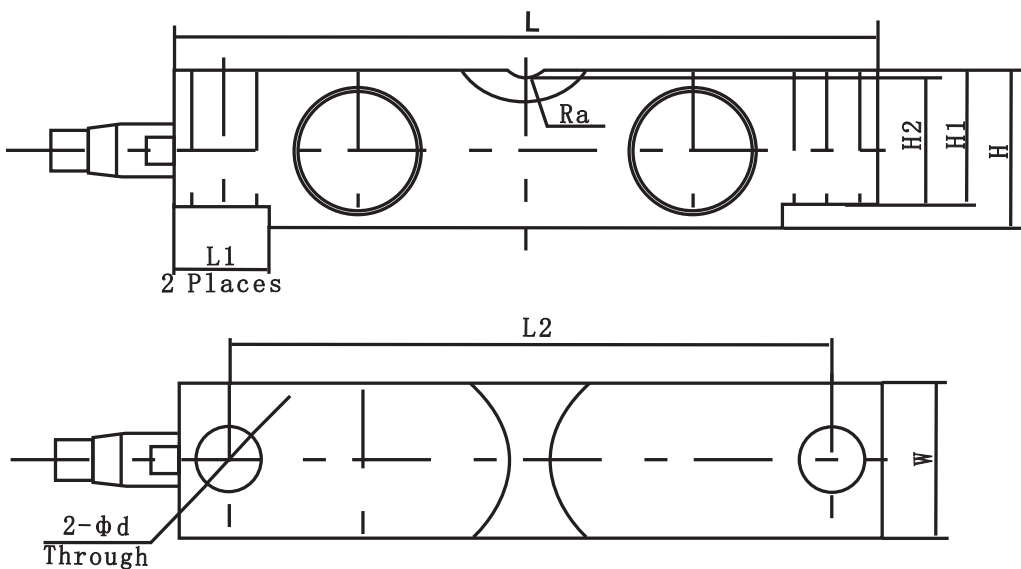
Part Number	Capacity	Ship Weight	Price
B9N-N10-10K-9B	10K stainless dual shear beam	4 lb	\$945
B9N-N10-15K-9B	15K stainless dual shear beam	4 lb	\$945
B9N-N10-20K-9B	20K stainless dual shear beam	4 lb	\$945
B9N-N10-25K-9B	25K stainless dual shear beam	4 lb	\$945
B9N-N10-30K-9B	30K stainless dual shear beam	20 lb	\$1,140
B9N-N10-40K-9B	40K stainless dual shear beam	20 lb	\$1,140
B9N-N10-50K-9B	50K stainless dual shear beam	22 lb	\$1,225
B9N-N10-60K-9B	60K stainless dual shear beam	22 lb	\$1,225
B9N-N10-75K-9B	75K stainless dual shear beam	22 lb	\$1,225
B9N-N10-100K-9B	100K stainless dual shear beam	29 lb	\$2,450
B9N-N10-125K-9B	125K stainless dual shear beam	29 lb	\$2,770

Compatible Products	
Manufacturer	Model
Revere	9303
Sensortronics	65058SS



VALUE IN
WEIGHING

Outline Dimensions mm (inch)									
Dimension	L	L1	L2	H	H1	H2	Φd	W	Ra
Capacity									
10~25Klb	1.97 (7.75)	35 (1.38)	165 (6.5)	49.3 (1.94)	43.2 (1.7)	41.4 (1.63)	$\Phi 17.3$ (0.68)	43 (1.7)	R19.1 (0.75)
30~40Klb	260.4 (10.25)	49 (1.93)	216 (8.5)	62 (2.44)	53.3 (2.1)	50.8 (2.0)	$\Phi 20.6$ (0.81)	49.3 (1.94)	R25.4 (1.0)
50~75Klb	260.4 (10.25)	49 (1.93)	216 (8.5)	74.7 (2.94)	67.3 (2.65)	64.5 (2.54)	$\Phi 26.9$ (1.06)	62 (2.44)	R25.4 (1.0)
100~125Klb	387.4 (15.25)	79.5 (3.13)	324 (12.76)	98 (3.86)	87.1 (3.43)	83.8 (3.3)	$\Phi 41.2$ (1.62)	73.7 (2.9)	R38.1 (1.5)



Wiring:
 Shielded 4 conductor cable: $\Phi 5\text{mm}$
 Standard Cable Length: 9.3m



H9N

- H9N load cells are available in the capacities 25Klb~200Klb
- Alloy steel construction, potted by adhesive inside, oil proof, waterproof, anti-corrosive gas and medium sized making it suitable for all kinds of environments
- Dual shear beam, suitable for electronic truck scales, hopper scales, track scales and other electronic weighing devices



Features

- Capacities: 25Klb~200Klb
- High accuracy
- Alloy steel construction
- Easy installation and reliable performance
- NTEP Cert. No.: 10-057A1

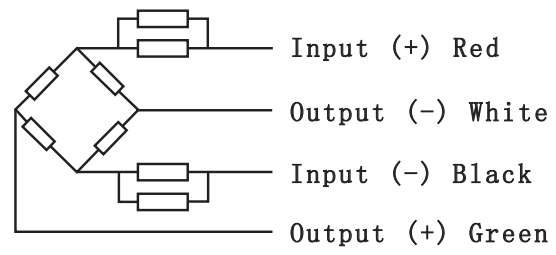
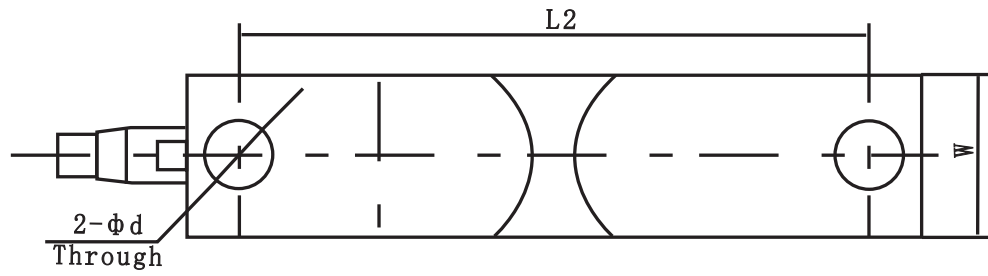
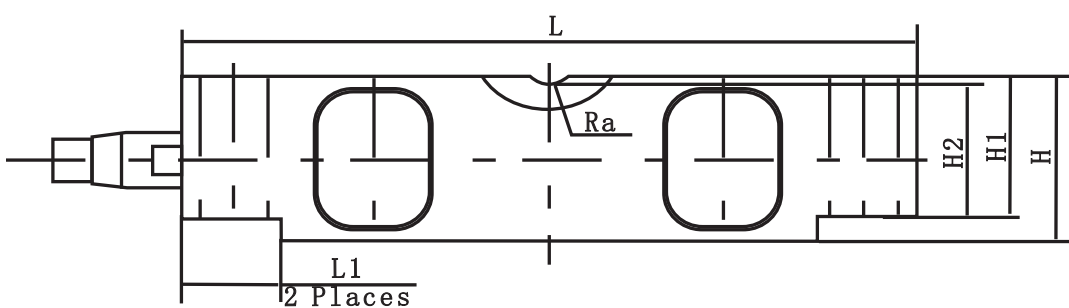
Specifications		
Capacity	Klb	25/40/50/60/75/100/125/150/200
Accuracy		N10
Maximum Number of Verification Intervals	Nmax	10000
Minimum Number of Verification Intervals	Vmin	E _{max} /10000
Combined Error	(%FS)	≤±0.020
Creep	(%FS/30min)	≤±0.02
Temperature Effect on Sensitivity	(%FS/10°C)	≤±0.014
Temperature Effect on Zero	(%FS/10°C)	≤±0.017
Output Sensitivity	(mV/V)	3.0±0.003
Input Resistance	(Ω)	700±7
Output Resistance	(Ω)	703±4
Insulation Resistance	(MΩ)	≥5000 (50VDC)
Zero Balance	(%FS)	1.0
Temperature, Compensated	(°C)	-10~+40
Temperature, Operating	(°C)	-35~+70
Excitation, Recommended	(V)	5~12 (DC)
Excitation, Max	(V)	18 (DC)
Safe Overload	(%FS)	150
Ultimate Overload	(%FS)	300

Part Number	Capacity	Ship Weight	Price
H9N-N10-25K-9B	25K alloy dual shear beam	4 lb	\$385
H9N-N10-40K-9B	40K alloy dual shear beam	20 lb	\$570
H9N-N10-50K-9B	50K alloy dual shear beam	22 lb	\$750
H9N-N10-60K-9B	60K alloy dual shear beam	22 lb	\$750
H9N-N10-75K-9B	75K alloy dual shear beam	22 lb	\$750
H9N-N10-100K-9B	100K alloy dual shear beam	29 lb	\$1,450
H9N-N10-125K-9B	125K alloy dual shear beam	29 lb	\$1,450
H9N-N10-150K-9B	150K alloy dual shear beam	44 lb	\$2,260
H9N-N10-200K-9B	200K alloy dual shear beam	44 lb	\$2,260

Compatible Products	
Manufacturer	Model
Celtron	DLB
Sensortronics	65040A
Coti	CI-58
Rice Lake	RL75058
Vishay	CLB



Outline Dimensions mm (inch)									
Dimension	L	L1	L2	H	H1	H2	Φd	W	Ra
Capacity									
25Klb	197 (7.75)	35 (1.38)	165 (6.5)	49.3 (1.94)	43.2 (1.7)	41.4 (1.63)	Φ17.3 (0.68)	43 (1.7)	R19.1 (0.75)
40Klb	260.4 (10.25)	49 (1.93)	216 (8.5)	62 (2.44)	53.3 (2.1)	50.8 (2.0)	Φ20.6 (0.81)	49.3 (1.94)	R25.4 (1.0)
50~75Klb	260.4 (10.25)	49 (1.93)	216 (8.5)	74.7 (2.94)	67.3 (2.65)	64.5 (2.54)	Φ26.9 (1.06)	62 (2.44)	R25.4 (1.0)
100~125Klb	387.4 (15.25)	79.5 (3.13)	324 (12.76)	98 (3.86)	87.1 (3.43)	83.8 (3.3)	Φ41.2 (1.62)	73.7 (2.9)	R38.1 (1.5)
150~200Klb	489 (19.25)	127.8 (5.03)	387.4 (15.25)	147.3 (5.8)	130.1 (5.12)	112.8 (4.44)	Φ41.2 (1.62)	96.5 (3.8)	R50.8 (2.0)



Wiring:
 Shielded 4 conductor cable: Φ5mm (≤40Klb); Φ8mm (≥50Klb)
 Standard Cable Length: 9.3m