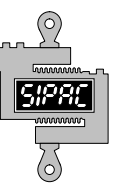


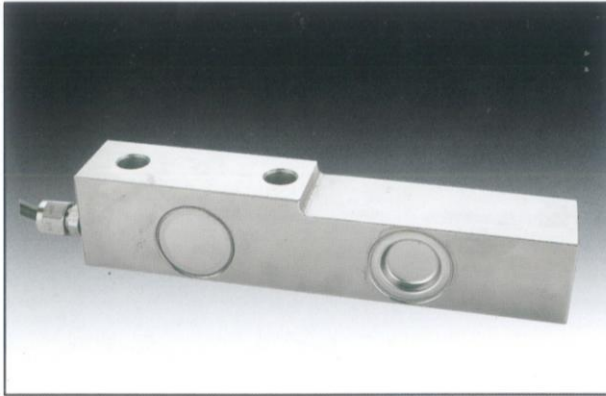


CATÁLOGO GENERAL - GENERAL CATALOGUE **CELULAS DE CARGA - LOAD CELL 2012**

SERVICIOS INDUSTRIALES DE PESAJE, AUTOMATISMOS Y CONTROL, S.L.

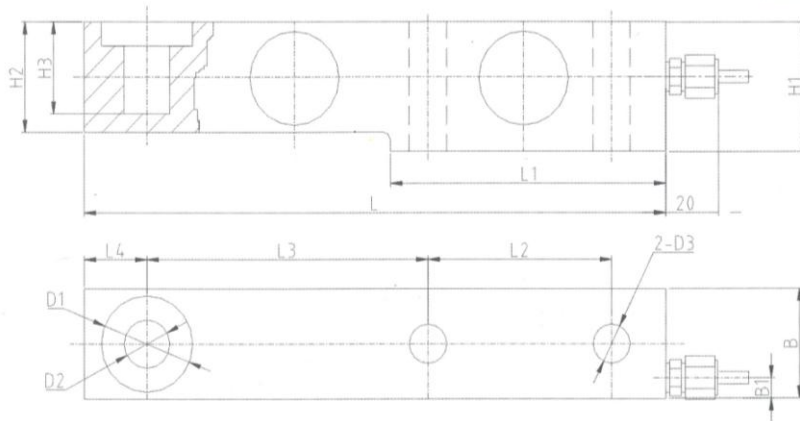


SB-S LOAD CELL



SB-S—Load cell

Rated Capacities (t)	Size(mm)												
	L	L1	L2	L3	L4	H1	H2/B	B1	H3	D1	D2	D3	
0.5, 1, 2, 3	203	95	64	98	22	43	36.6	7	30.5	Φ32	Φ16	Φ13	
5	235	110	66	124	22	52	48	7	30	Φ38	Φ22	Φ21	

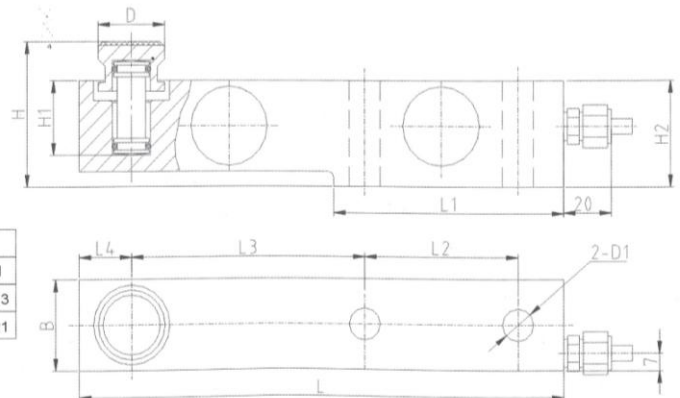


- Hermetically sealed, water proof, corrosion proof, IP68
- High accuracy, durability, dependability.

SB-S—Swivel foot

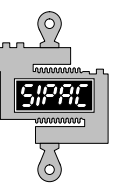
- Swivel foot, self resume, easy installation.
- Suitable floor scale, platform scale, etc,

Rated Capacities (t)	Size(mm)											
	L	L1	L2	L3	L4	B	H	H1	H2	D	D1	
0.5, 1, 2, 3	203	95	64	98	22	36.6	79	30.5	43	Φ35	Φ13	
5	235	110	66	124	22	48	104	30	52	Φ42	Φ21	

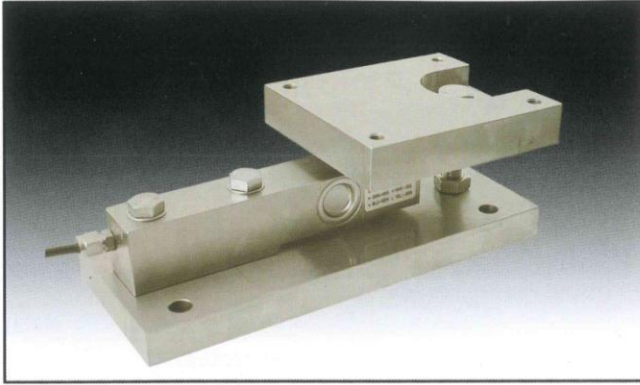


Technical parameter

Rated Capacities: 0.5; 1; 2; 3; 5t
Rated Output: $2.0 \pm 0.002 \text{ mV/V}$
Total Error: $\pm 0.02\% \text{ F.S}$
Creep (30min) : $\pm 0.02\% \text{ F.S}$
TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
Operating Temp. Range: $-30 \sim +70^\circ\text{C}$
Input Resistance: $400 \pm 10 \Omega$
Output Resistance: $352 \pm 2 \Omega$
Insulation Resistance: $\geq 5000 \text{ M}\Omega$
Safe Load Limit: 150% F.S
Lateral Load Limit: 300% F.S
Recommend Excitation: 10~12V DC
Maximum Excitation: 15V DC
Protection Class: IP68
Cable: 2.6m (0.5~2t) , 3.5m (3t) , 5.2m (5t)
D=Φ6mm
※Red: Input (+) ※Green: Output (+)
※Black: Input (-) ※White: Output (-)
Construction: Stainless steel

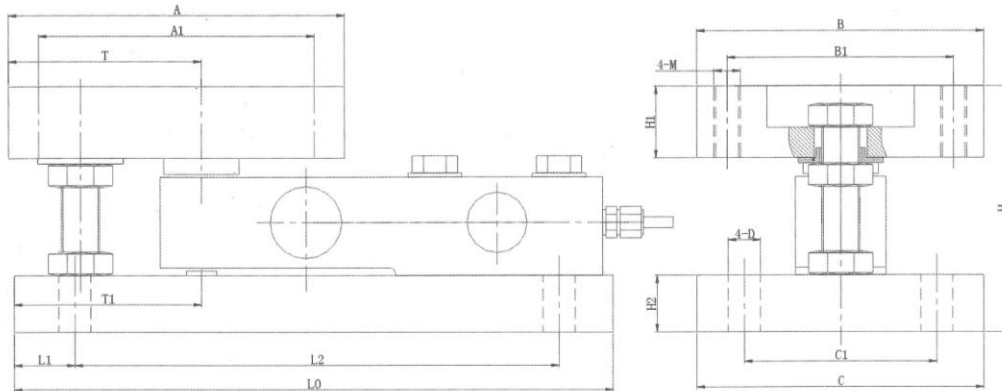


SB-S MODULE

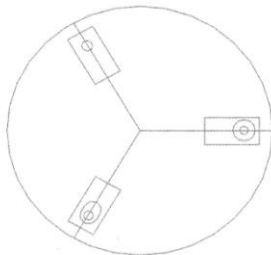


- Fixed, semi-float, float modules for option, slight deformation allowed.
- Pivoting screw to prevent inclining and keep installation easy, intermission time is reduced.
- Accuracy, dependability.
- Stainless steel, corrosion proof.
- Hermetically sealed, IP68, suitable for tough environment.

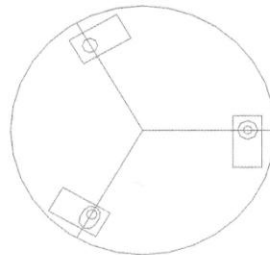
SB-S-----Module



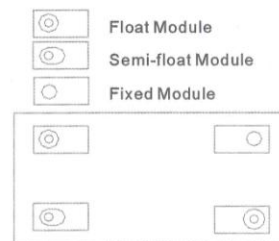
Rated Capacities (t)	Size(mm)															
	A	A1	B	B1	L0	L1	L2	C	C1	H	H1	H2	T	T1	M	D
0.5,3	150	124	128	102	286	32	226	112	80	102	28	23	99	96	M10	Φ13
5	178	146	152	120	318	32	257	152	102	130	38	30	102	99	M16	Φ17



Radial Install

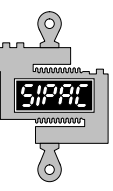


Cutting Install

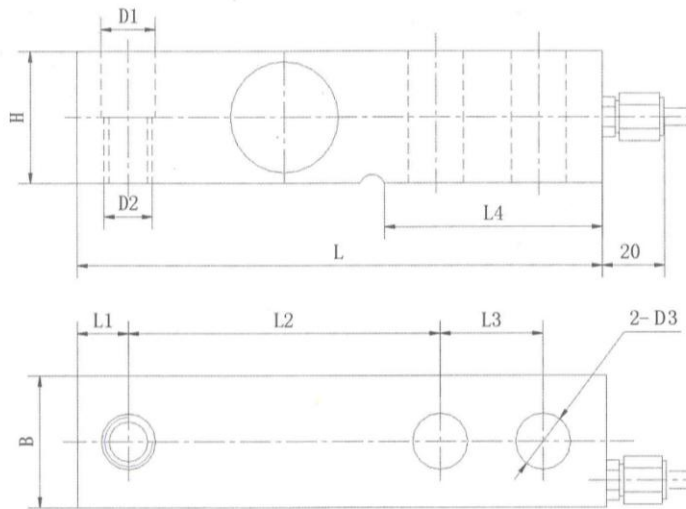
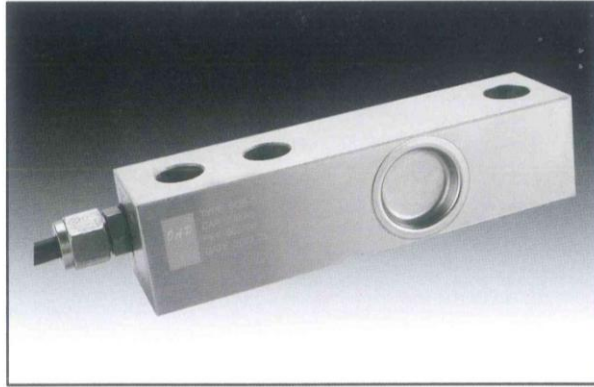


Rectangle Install

- The whole weighing system comprises one piece of fixed module, one piece of semi-float module, and many float modules. The semi-float module must be installed in catercorner place where fixed module is equipped.
- Owing to installation spot of fixed module can not displace in level, connection spot between the pump and electric should be near to one of fixed module.
- Displacement of semi-float module and float module is centered around fixed module, which will reduce the effect from deformation of vessel.



SQB-S LOAD CELL



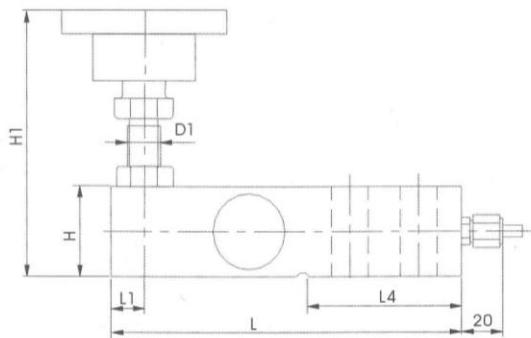
- Hermetically sealed, water proof, corrosion proof, IP68.
- High accuracy, durability, dependability.

Technical parameter

Rated Capacities: 1; 1.5; 2; 2.5; 3; 5t
Rated Output: $3.0 \pm 0.002 \text{ mV/V}$
Total Error: $\pm 0.02\% \text{ F.S}$
Creep (30min): $\pm 0.02\% \text{ F.S}$
TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
Operating Temp. Range: $-30 \sim +70^\circ\text{C}$
Input Resistance: $400 \pm 10 \Omega$
Output Resistance: $352 \pm 2 \Omega$
Insulation Resistance: $\geq 5000 \text{ M}\Omega$
Safe Load Limit: 150% F.S
Lateral Load Limit: 200% F.S
Recommend Excitation: 10~12V DC
Maximum Excitation: 15V DC
Protection Class: IP68
Cable: 2.6m (1~2.5t), 3.5m (3t), 5.2m (5t)
D=Φ6mm
※Red: Input (+) ※Green: Output (+)
※Black: Input (-) ※White: Output (-)
Construction: Stainless steel

Rated Capacities (t)	1, 1.5, 2, 2.5	3, 5
L	130	171.5
L1	12.7	19
L2	76.2	95.3
L3	25.4	38.1
L4	53.5	72.5
H/B	31.8	38.1
D1	Φ13.5	Φ20
D2	M12	M18X1.5
D3	Φ13	Φ20

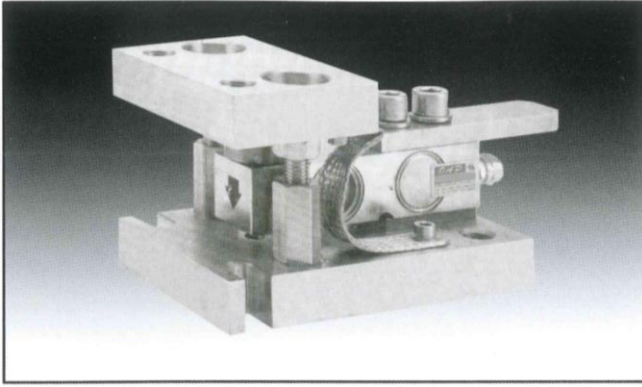
SQB -S----- Swivel foot



- Side force proof and shock load proof.
- Easy installation, convertibility.
- Suitable for low profile platform scale.

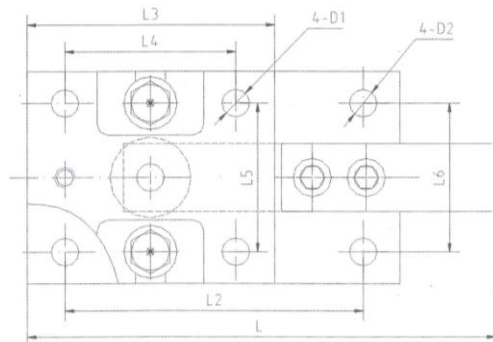
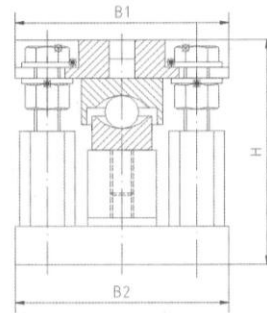
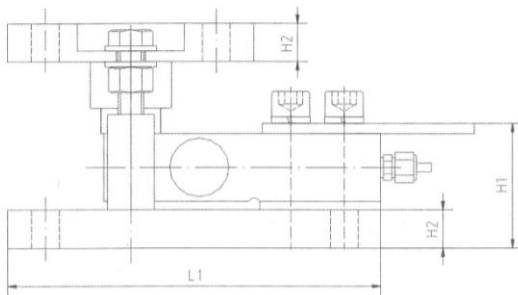
Rated Capacities (t)	1, 1.5, 2, 2.5	3, 5
L	130	171.5
L1	12.7	19
L2	25.4	38.1
L3	76.2	95.3
L4	53.5	72.5
H	31.8	38.1
H1	95-105	104-114
D1	M12	M18X1.5
Φd	13	20

SQB-S MODULE

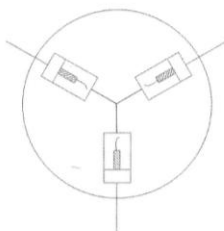


- Stainless steel, corrosion proof.
- Pivoting screw to prevent inclining and keep installation easy, intermission time is reduced.
- High accuracy, dependability.
- Hermetically sealed, IP68, used for tough environment.
- Sphericity joints to keep weighing in vertical status.
- Suitable for batching scale, packing scale, etc..

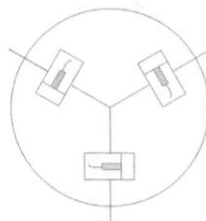
SQB -S---Module



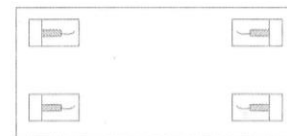
Rated Capacities (t)	H	H1	H2	B1	B2	D1	D2	L	L1	L2	L3	L4	L5	L6
1,1.5,2,2.5	106	58	18	100	100	Φ13	Φ13	220	175	140	116	80	70	70
3,5	136	73	23	160	160	Φ17	Φ17	280	235	200	150	100	90	90



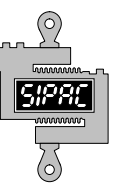
Radial Install



Cutting Install



Rectangle Install

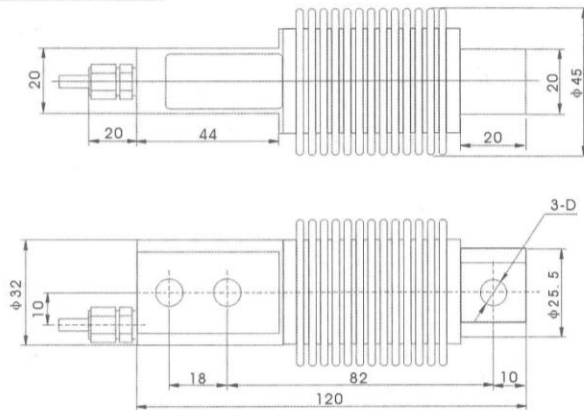


HSX-S LOAD CELL



HSX-S----Load Cell

Rated Capacities (kg)	D
5, 10, 20, 30, 40, 50, 75, 100, 150, 200, 250	φ8.2
300, 500	φ10.2



Technical parameter

Rated Capacities: 5, 10, 20, 30, 40
50, 75, 100, 150
200, 250, 300, 500kg

Rated Output: $2.0 \pm 0.002 \text{ mV/V}$

Total Error: $\pm 0.02\% \text{ F.S}$

Creep (30min): $\pm 0.02\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $400 \pm 10 \Omega$

Output Resistance: $352 \pm 2 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: $150\% \text{ F.S}$

Lateral Load Limit: $300\% \text{ F.S}$

Recommend Excitation: $10 \sim 12 \text{ V DC}$

Maximum Excitation: 15 V DC

Protection Class: IP68

Cable: 3m

D=φ5mm

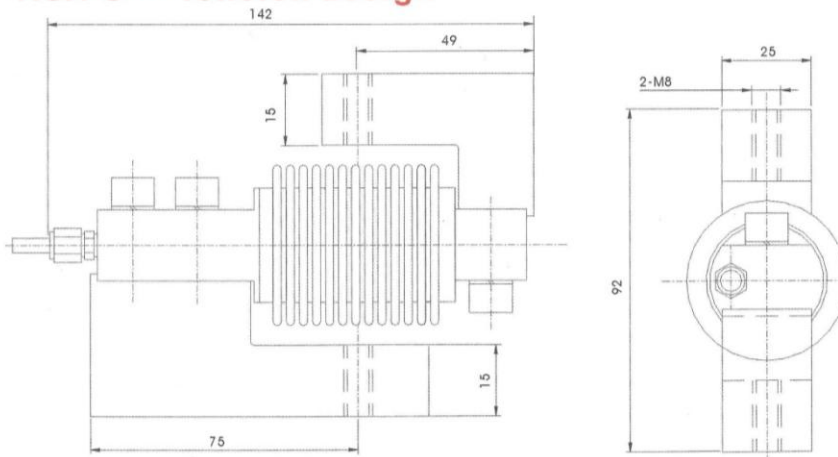
※Red: Input (+) ※Green: Output (+)

※Black: Input (-) ※White: Output (-)

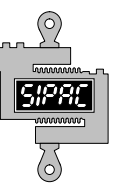
Construction: Stainless steel

- Metal welded stainless steel load cell, excellent capability in anti-erosion, waterproof, moisture-proof.
- High precision, high stability, high reliability.

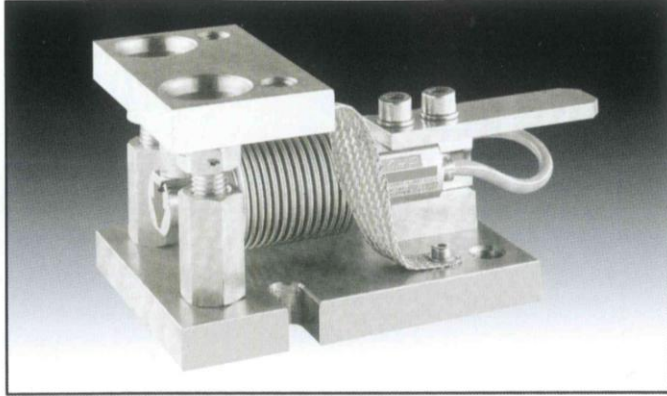
HSX-S----Tension design



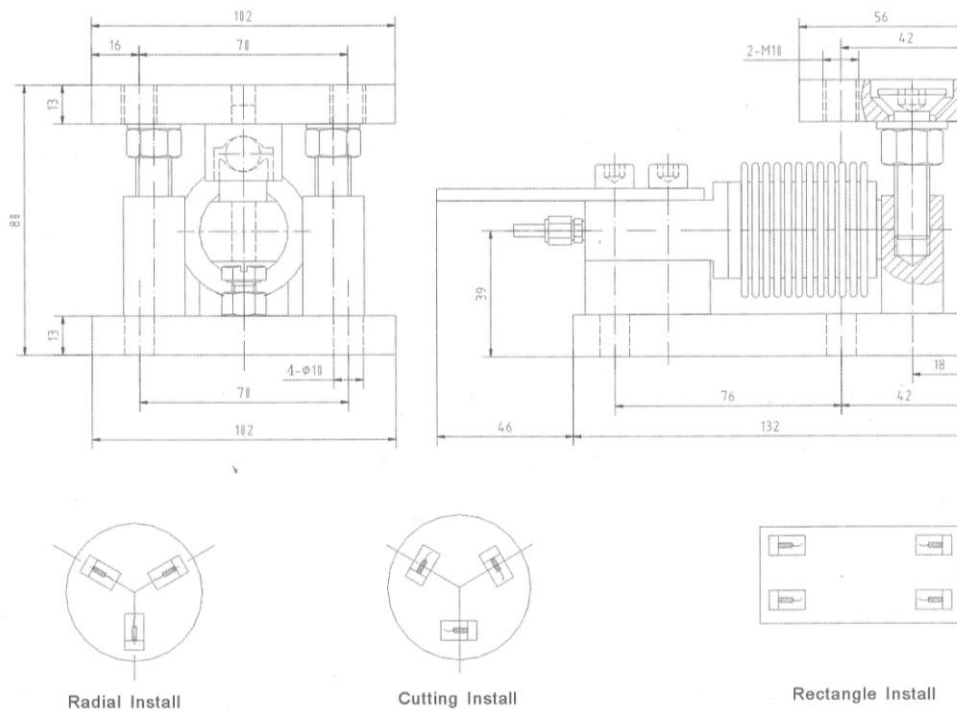
- Accurate and reliable measuring
- Easy installation, tension design optional
- Suitable in hopper scales, batching scales and all kinds of weighing equipments



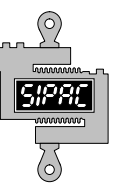
HSX-S MODULE



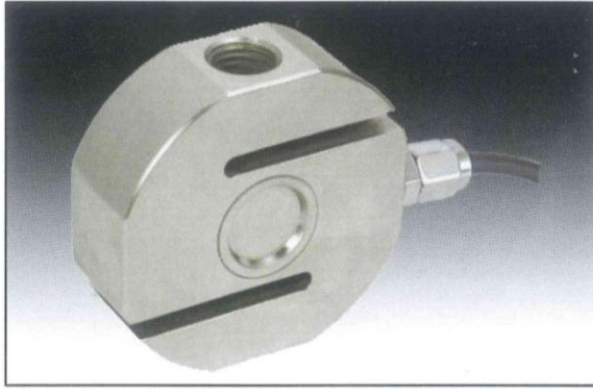
HSX-S----Module



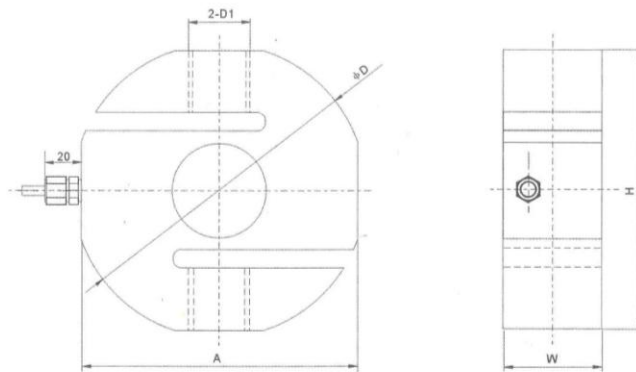
- Stainless steel material, effectively recovering from the erosive environments
- Bolstering screws prevent equipments overturning, easy maintaining, shorten power-cutting time.
- Accurate weighing, reliable and stable.
- Laser welding, Seal Grade: IP68, suitable in tough environments.
- Globate connector, keeping mountings in vertical weighing conditions.
- Widely suitable in hopper scales, batching scales, packing scales and other electric weighing instruments.



PST-S LOAD CELL



PST-S---- Load Cell



Technical parameter

Rated Capacities: 20, 30, 40, 50, 75,
100, 150, 200, 300,
500kg, 1, 2, 3, 5t

Rated Output: $2.0 \pm 0.002 \text{ mV/V}$

Total Error: $\pm 0.02\% \text{ F.S}$

Creep (30min) : $\pm 0.02\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S/}10^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S/}10^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $400 \pm 10 \Omega$

Output Resistance: $352 \pm 2 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: $150\% \text{ F.S}$

Lateral Load Limit: $200\% \text{ F.S}$

Recommend Excitation: $10 \sim 12 \text{ V DC}$

Maximum Excitation: 15 V DC

Protection Class: IP67, IP68

Cable: 2.6m (20~1000kg)

D=Φ5mm (20~1000kg)

3m (2000~5000kg)

D=Φ6mm (2000~5000kg)

※Red: Input (+) ※Green: Output (+)

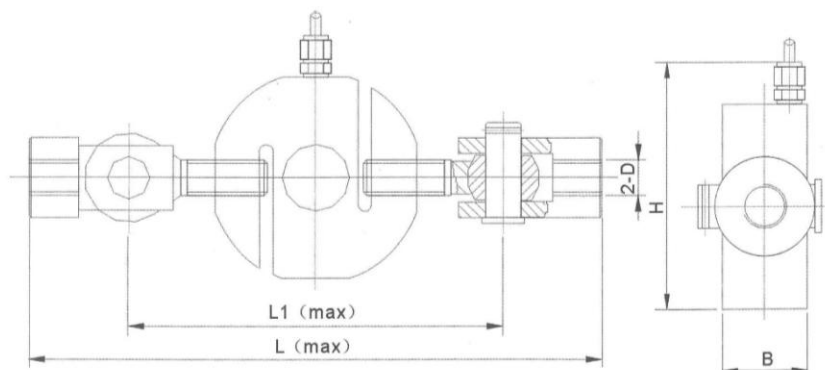
※Black: Input (-) ※White: Output (-)

Construction: Stainless steel

- Metal welded stainless steel load cell, excellent capability in anti-erosion, waterproof, moisture-proof.
- High precision, high stability, high reliability.

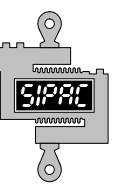
Rated Capacities(kg)	A	D	D1	H	W
20~150	70	Φ76	M8	64	12
200~500	70	Φ76	M12	64	20
1000	70	Φ76	M12	64	25
2000~5000	90	Φ95	M20	90	32

PST-S---- Tension design

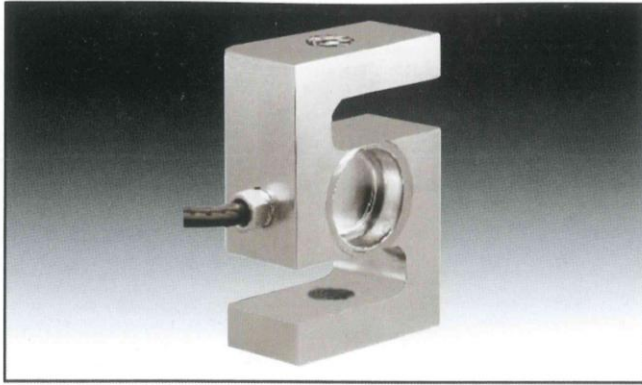


Rated Capacities(kg)	B	D	H	Lmax	Lmax
20~150	12	M8	90	184	124
200~500	20	M12	90	228	148
1000	25	M12	90	228	148
2000~5000	32	M20	110	326	206

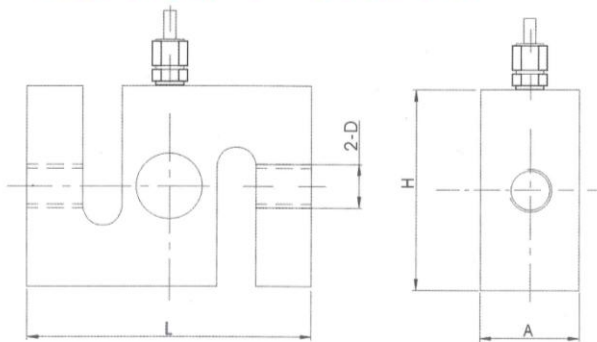
- Accurate and reliable weighing.
- Easy installation.
- Suitable in hopper scales, batching scales, and all kinds of special weighing instruments.



DEE-S, DEF-S LOAD CELL

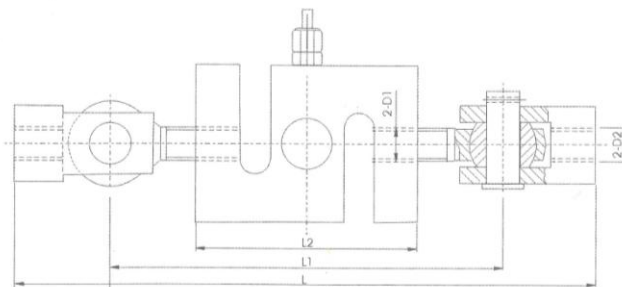


DEE-S,DEF-S----Load Cell



- Metal welded stainless steel load cell, excellent capability in anti-erosion, waterproof, moisture-proof.
- High precision, high stability, high reliability. Good outline.

DEE-S,DEF-S----Tension design



- Accurate and reliable weighing.
- Easy installation.
- Suitable in hopper scales, batching scales, and all kinds of special weighing instruments.

Technical parameter

Rated Capacities: 100, 200, 300, 500kg

1, 1.5, 2, 2.5, 3, 5t

Rated Output: DEE-S: $2.0 \pm 0.002 \text{ mV/V}$

DEF-S: $3.0 \pm 0.002 \text{ mV/V}$

Total Error: $\pm 0.03\% \text{ F.S}$

Creep (30min): $\pm 0.03\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $400 \pm 10 \Omega$

Output Resistance: $352 \pm 2 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: $150\% \text{ F.S}$

Lateral Load Limit: $200\% \text{ F.S}$

Recommend Excitation: $10 \sim 12 \text{ V DC}$

Maximum Excitation: 15 V DC

Protection Class: IP67; IP68

Cable: 5m

$D = \Phi 5 \text{ mm}$

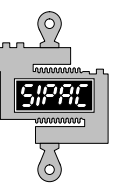
※Red: Input(+) ※Green: Output(+)

※Black: Input(-) ※White: Output(-)

Construction: Stainless steel

Rated Capacities (kg)	L	H	A	D
100,200,300,500	76.2	50.8	19.1	M12
1000,1500	76.2	54.1	25.4	M12
2000,2500,3000	82	76.2	25.4	M18X1.5
5000	108	76.2	25.4	M18X1.5

Rated Capacities(kg)	Lmax	L1max	L2	H	A	D1	D2
100,200,300,500	228	148	76.2	50.8	19.1	M12	M12
1000,1500	228	148	76.2	54.1	25.4	M12	M12
2000,2500,3000	268	172	82	76.2	25.4	M18X1.5	M20
5000	290	194	108	76.2	25.4	M18X1.5	M20



NHS-S LOAD CELL



Technical parameter

Rated Capacities: 10, 15, 22, 33, 47, 68, 100t

Rated Output: $2.85 \pm 0.01 \text{ mV/V}$

Total Error: $\pm 0.03\% \text{ F.S}$

Creep (30min) : $\pm 0.03\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S}/10^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S}/10^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $1450 \pm 10 \Omega$

Output Resistance: $1403 \pm 5 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: $150\% \text{ F.S}$

Lateral Load Limit: $300\% \text{ F.S}$

Recommend Excitation: $10 \sim 12 \text{ V DC}$

Maximum Excitation: 15 V DC

Protection Class: IP68

Cable: 8m (10t) ; 10m (15t)

12m (22~33t) ; 16m (47~100t)

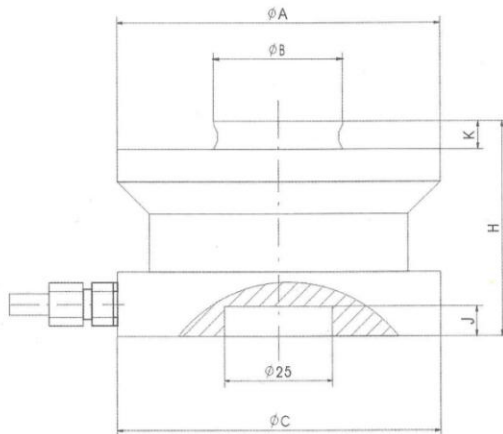
D= $\Phi 6 \text{ mm}$

※Red: Input (+) ※Green: Output (+)

※Black: Input (-) ※White: Output (-)

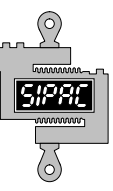
Construction: Stainless steel

NHS-S----Load Cell

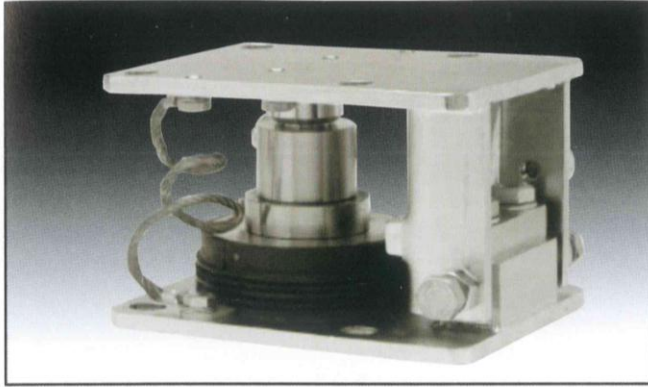


Rated Capacities (t)	A	B	C	H	K	J
10, 15, 22	75	30	75	50	6.5	7
33	95	40	95	65	10	7
47	130	60	130	75	14	7
68	130	60	130	85	14	7
100	150	70	150	90	16	7
Above 100	Custom-made					

- Metal welded stainless steel load cell, excellent capability in moisture-proof, waterproof and anti-erosion.
- High precision, high reliability, high stability. Good outline.
- Accurately weigh light-load under heavy tare weight or light & dynamic variation-load under heavy net weight.
- Suitable in industrial weighing systems, such as hopper scales, quantitative packing scales, batching scales, truck scales, railroad scales, ladle scales in metallurgy area and high heat crane scales.

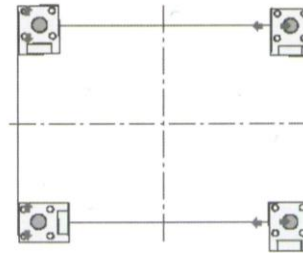
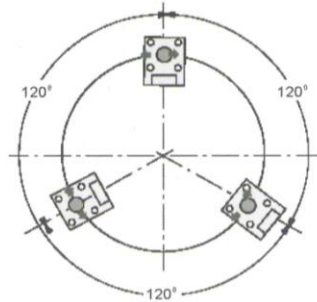


NHS-S MODULE

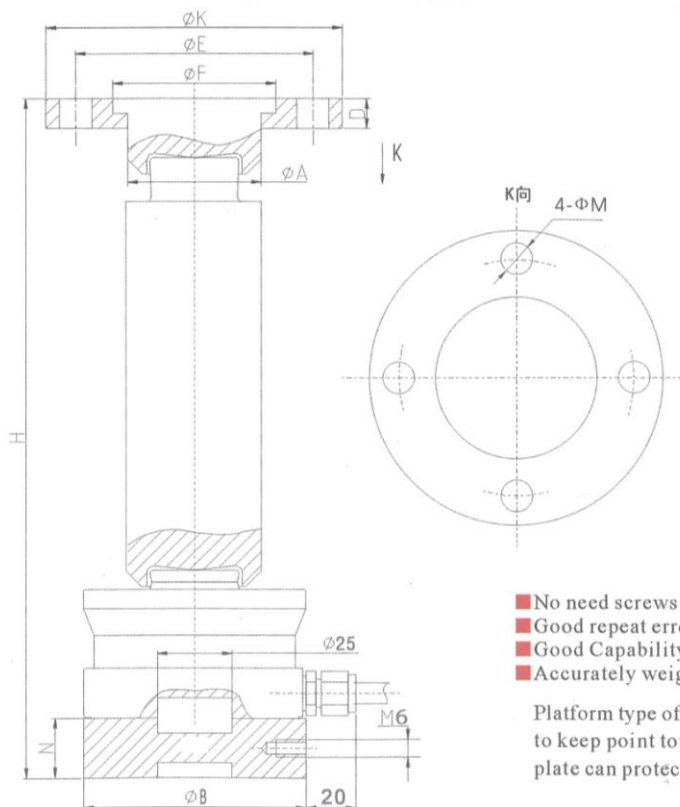


- The upper bearing plate adopts rigidity connection, equipped with elastomer bearing, has multifunction in buffering, reposition (the similar to pendular lever). This set of mounting permit load cell horizontally moving and twisting, so the load-bearing system has multi-angles, Self-restoring due to pendle bearing, weighing accurately.
- Suitable in hopper scales and other weighing instruments with buffering device.

NHS-S---Module



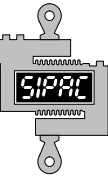
NHS-S---Compression type



Rated Capacity (t)	A	B	D	E	F	K	H	M	N
10	45	75	10	80	55	100	165	11.5	20
15	45	75	10	80	55	100	175	11.5	20
22	45	75	10	80	55	100	229	11.5	20
33	58	95	15	100	75	125	272	13.5	25
47	85	130	15	130	110	170	295	18	30
68	85	130	15	130	110	170	337	18	30
100	100	130	20	150	130	180	371	18	35

- No need screws fastening, easy installation and replacement.
- Good repeat error and hysteresis, no influence on its precision to some degree.
- Good Capability in anti side-force, anti eccentric-load and anti-wallop.
- Accurately weigh light-load under heavy tare-weight.

Platform type of upper bearing plate, using upend ball of the bearer-parts to keep point touching, and the rubber ring covering the upper bearing plate can protect the bearer-parts.



ZS-S LOAD CELL



Technical parameter

Rated Capacities: 10, 15, 20, 25, 30t

Rated Output: $2.0 \pm 0.002 \text{ mV/V}$

Total Error: $\pm 0.02\% \text{ F.S}$

Creep (30min) : $\pm 0.02\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $400 \pm 10 \Omega$

Output Resistance: $352 \pm 2 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: 150% F.S

Lateral Load Limit: 300% F.S

Recommend Excitation: 10~12V DC

Maximum Excitation: 15V DC

Protection Class: IP68

Cable: 8m (10t) ; 10m (15t) ; 12m (20~30t)

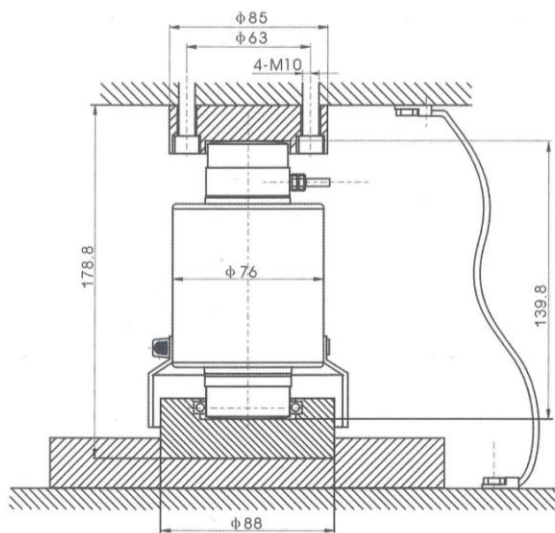
D=Φ5mm

※Red: Input (+) ※Green: Output (+)

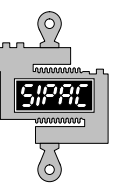
※Black: Input (-) ※White: Output (-)

Construction: Stainless steel

ZS-S----Load Cell



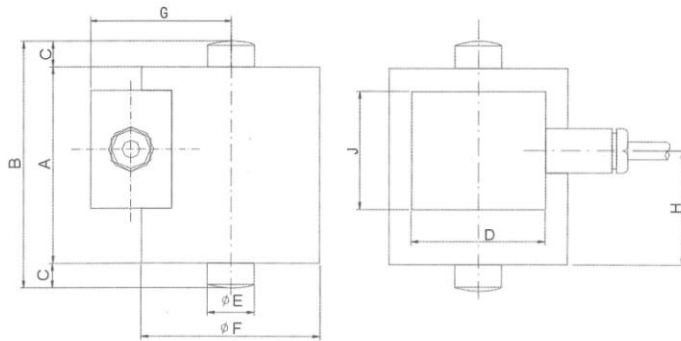
- Constructed of bi-ball head, has super functions in self-restoring, corner pre-adjustment.
- Upper and lower inhibitors design, easy to installation.
- Dynamic respond, and super capacity for anti-overload.
- Application to truck scale, railway scale, axle scale, storage scale and other weighing equipment.



ZSC-S LOAD CELL

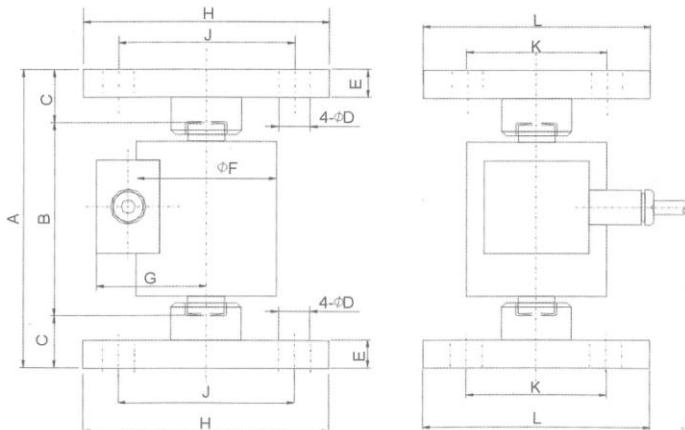


ZSC-S----Load Cell



- Constructed of bi-ball plate, has super functions in self-restoring, corner pre-adjustment.
- Dynamic respond, and super capacity for anti-overload.
- High precision, reliability and super stability with popular shape.
- Stainless steel materials and laser welded, providing excellent protection against water, moisture and corrosion attack.
- Application to ladle scale, storage scale and other weighing equipment.

ZSC-S----Module

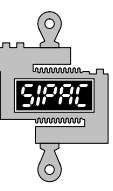


Technical parameter

Rated Capacities:	10, 20, 30, 40, 50, 60, 70, 100t
Rated Output:	$2.0 \pm 0.002 \text{ mV/V}$
Total Error:	$\pm 0.03\% \text{ F.S}$
Creep (30min) :	$\pm 0.03\% \text{ F.S}$
TCO:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
TC SPAN:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
Operating Temp. Range:	$-30 \sim +70^\circ\text{C}$
Input Resistance:	$400 \pm 10 \Omega$
Output Resistance:	$352 \pm 2 \Omega$
Insulation Resistance:	$\geq 5000 \text{ M}\Omega$
Safe Load Limit:	150% F.S
Lateral Load Limit:	300% F.S
Recommend Excitation:	10~12V DC
Maximum Excitation:	15V DC
Protection Class:	IP68
Cable:	8m (10t) , 12m (20t) , 14m (30t) 16m (40~100t)
D=	$\Phi 8 \text{ mm}$
※Red:	Input (+) ※Green: Output (+)
※Black:	Input (-) ※White: Output (-)
Construction:	Stainless steel

Rated Capacities (t)	A	B	C	D	E	F	G	H	J
10	88	110	11	60	21	80	62.5	51	53
20	93	115	11	60	30	90	69.5	54	53
30	101	125	12	60	38	100	76	63	53
40, 50	125	155	15	67	49	125	89	87	60
60, 70	146	182	18	67	59	145	100	99	60
100	160	200	20	67	70	175	117	102	60
*Above 100	Custom-made								

Rated Capacities (t)	A	B	C	D	E	F	G	H	J	K	L
10	170	110	30	18	16	80	62.5	140	100	80	130
20	175	115	30	18	19	90	69.5	140	100	80	130
30	205	125	40	22	22	100	76	190	130	110	170
40, 50	255	155	50	22	25	125	88.8	200	140	120	180
60, 70	300	182	59	26	25	145	100.3	210	150	120	190
100	340	200	70	26	32	175	116.8	240	160	160	230



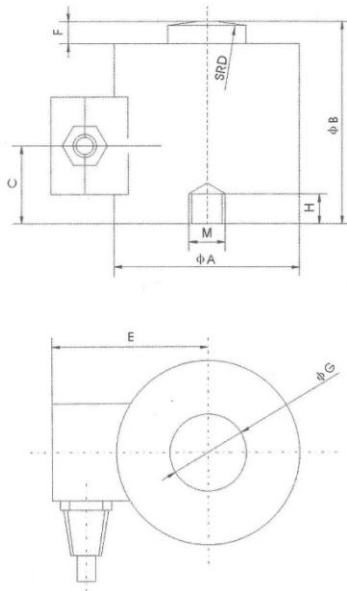
ZSE-S LOAD CELL



Technical parameter

Rated Capacities:	5, 10, 20, 50, 100t
Rated Output:	$2.0 \pm 0.002 \text{ mV/V}$
Total Error:	$\pm 0.03\% \text{ F.S}$ $\pm 0.05\% \text{ F.S}$
Creep (30min) :	$\pm 0.03\% \text{ F.S}$ $\pm 0.05\% \text{ F.S}$
TCO:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
TC SPAN:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
Operating Temp. Range:	$-30 \sim +70^\circ\text{C}$
Input Resistance:	$400 \pm 10 \Omega$
Output Resistance:	$352 \pm 2 \Omega$
Insulation Resistance:	$\geq 5000 \text{ M}\Omega$
Safe Load Limit:	150% F.S
Lateral Load Limit:	300% F.S
Recommend Excitation:	10~12V DC
Maximum Excitation:	15V DC
Protection Class:	IP68
Cable:	9m
D=	$\Phi 8 \text{ mm}$
※Red:	Input (+)
※Green:	Output (+)
※Black:	Input (-)
※White:	Output (-)
Construction:	Stainless steel

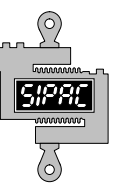
ZSE-S---- Load Cell



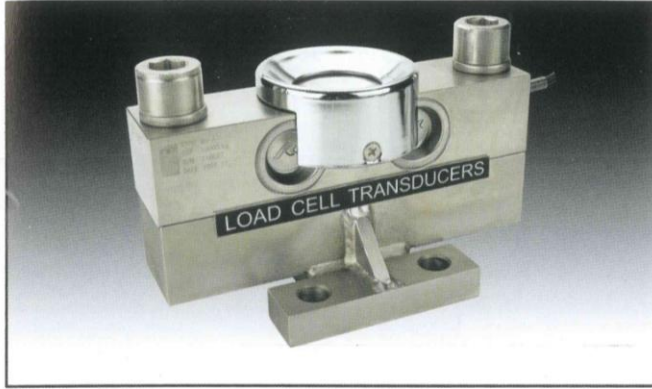
(mm)

Rated Capacities (t)	A	B	C	D	E	F	G	H	M
5,10,20	76.2	82.6	32.5	150	64	9	31.8	10	M12
50	100	127	62	150	81	12.7	58.7	14	M18X1.5
100	165	184	89	300	109	25.4	76.2	19	M20X1.5

- Constructed of stainless steel and laser welded, providing excellent protection against water,moisture and corrosion attack.
- High precision, reliability and super stability with popular shape.



SQ-S LOAD CELL



Technical parameter

Rated Capacities: 10, 15, 20, 25, 30t

Rated Output: $2.0 \pm 0.002 \text{ mV/V}$

Total Error: $\pm 0.02\% \text{ F.S}$

Creep (30min) : $\pm 0.02\% \text{ F.S}$

TCO: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

TC SPAN: $\pm 0.02\% \text{ F.S/10}^\circ\text{C}$

Operating Temp. Range: $-30 \sim +70^\circ\text{C}$

Input Resistance: $750 \pm 10 \Omega$

Output Resistance: $703 \pm 2 \Omega$

Insulation Resistance: $\geq 5000 \text{ M}\Omega$

Safe Load Limit: $150\% \text{ F.S}$

Lateral Load Limit: $300\% \text{ F.S}$

Recommend Excitation: $10 \sim 12 \text{ V DC}$

Maximum Excitation: 15 V DC

Protection Class: IP68

Cable: 8m (10t) , 10m (15t)

12m (20~30t)

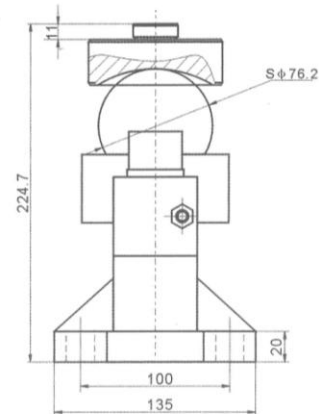
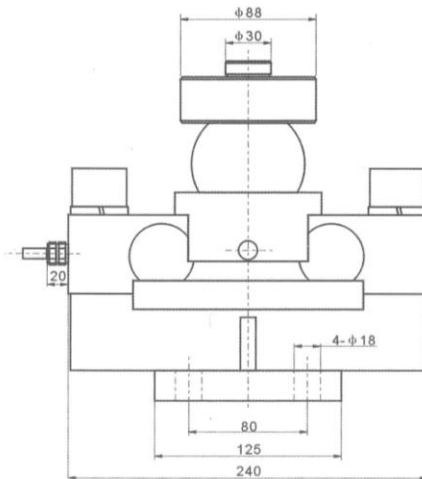
D= $\phi 6 \text{ mm}$

※Red: Input (+) ※Green: Output (+)

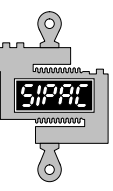
※Black: Input (-) ※White: Output (-)

Construction: Stainless steel

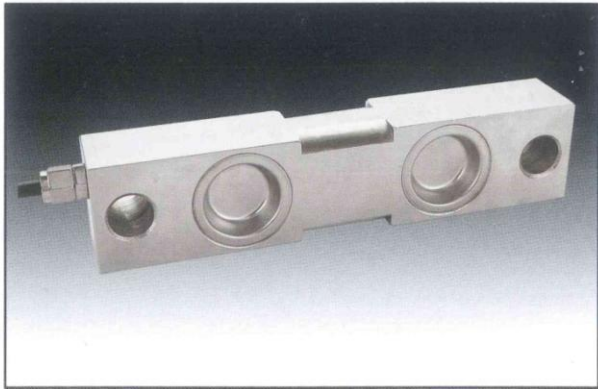
QS-S----Load Cell



- High precision, reliability and super stability.
- Design of Stainless steel ball, cup has super functions in self-restoring, corner pre-adjustment, anti-wallop and anti-side force.
- Easy to installation, good interchangeability.
- Constructed of stainless steel and laser welded, providing excellent protection against water, moisture and corrosion attack.
- Application to truck scale, railway scale hopper scale and other weighing equipment.



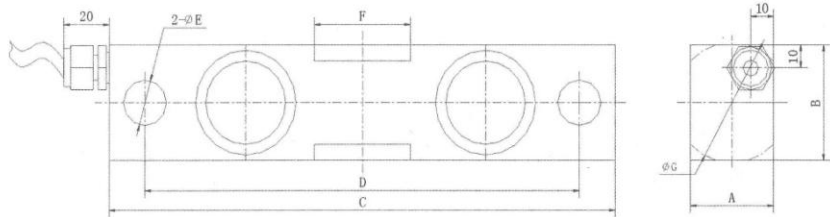
SQ-S LOAD CELL



Technical parameter

Rated Capacities:	10, 25, 35, 50, 60, 75, 100klb
Rated Output:	$3.0 \pm 0.005 \text{ mV/V}$
Total Error:	$\pm 0.03\% \text{ F.S}$
Creep (30min) :	$\pm 0.03\% \text{ F.S}$
TCO:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
TC SPAN:	$\pm 0.02\% \text{ F.S/10}^\circ\text{C}$
Operating Temp. Range:	$-30 \sim +70^\circ\text{C}$
Input Resistance:	$750 \pm 10 \Omega$
Output Resistance:	$703 \pm 2 \Omega$
Insulation Resistance:	$\geq 5000 \text{ M}\Omega$
Safe Load Limit:	150% F.S
Lateral Load Limit:	300% F.S
Recommend Excitation:	10~12V DC
Maximum Excitation:	15V DC
Protection Class:	IP68
Cable:	10m
D=	$\Phi 6 \text{ mm}$
※Red:	Input (+) ※Green: Output (+)
※Black:	Input (-) ※White: Output (-)
Construction:	Stainless steel

QSF-S----Load Cell

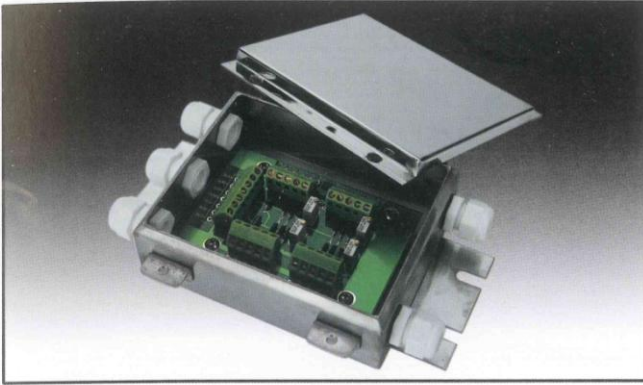


(inch)

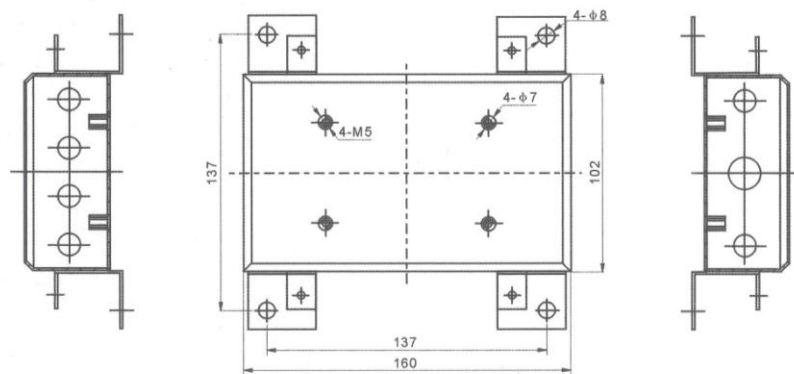
Rated Capacities (klb)	A	B	C	D	E	F	G
10,25	1.44	1.94	8.75	7.50	0.81	1.62	1.99
35	1.50	2.50	8.75	7.50	0.81	1.62	2.55
50,60,75	2.44	2.94	13.50	11.50	1.31	3.25	2.99
100	2.94	3.94	18.50	15.00	1.63	3.25	4.25

- Constructed of stainless steel and laser welded, providing excellent protection against water, moisture and corrosion attack.
- High precision, reliability and super stability with popular shape.
- Application to hopper scale, batching scale and other weighing equipment.

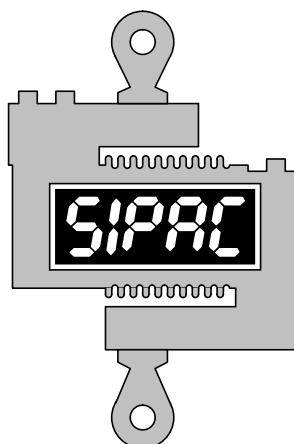
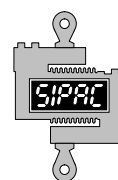
STAINLESS STEEL JUNCTION BOX



Stainless steel junction box



- Stainless steel housing, hermetically-sealed adaptor, durability and water-proof.
- Hing accurate, slight excursion insulation and potentiometer ensure system work well.
- Special encoding columns ensure load cell connect with signal cable reliably and users conveniently.



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