

Who We Are?

BrosWeigh; is a manufacturing company who engineers, produces and delivers either full setup or components of electronical weighing systems –i.e loadcell, indicator– as well as providing professional, economical and guaranteed service of those. Main types which BrosWeigh is professional at are bigbag filling, dynamic weighing, tank weighing, chechweigher, weigh-feeder systems.

Headquarters are located in Istanbul – Turkey. Regional branches are wide spread in the country. Aside to Marmara Region and Aegean Region, there are several Local Sales & Service Offices across the country to help every single square feet of Turkey. We are proud to share innovative, efficient and reliable BrosWeigh Quality.

Engineer Teams of BrosWeigh are always willing to take these acts: delivering our product line to customers, pre-sales & after-sales service, inbound & outbound quality check. Every single technician & engineer is well experienced in her/his field of profession.

The eager we feel makes us reach you out and share the best solution available up on your needs & project requirements. Our teams are gathered up by excited people who never gives up developing herself/himself as well as following end-user feedbacks.

MISSON

Equipping our teams -who are pro at weighing systemswith the latest & high-end tech; developping performanceoriented complete solutions; 100% customer satisfaction.

VISION

Delivering product & service in the global market, serving the customer who seeks trust & quality, being a trendsetter engineering company in the industy.

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BBROSWEIGH

Image

Features

- ✓ Shear beam loadcell
- ✓ C3 Class
- ✓ Capacity: 250 kg to 10.000 kg
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for reactor, bunker, silo and tank weighing systems, insdustrial scales, test equipment and other weighing systems.

Accuary Class	C3
Output Sensitivy (=FS) mV/V	3.0 ± 0.003
Maximum Capasity (Emax) t	0.1,0.25,0.5,1,2,5 10
Max. Number of Load Cell Intervals nLC	3000
Ratio of Min. LC Verification Interval Y= Emax / V	Vmin 10000
Combined Error %FS	≤± 0.023
Safe Overload %FS	150%
Ultimate Overload %FS	300%
Zero Balance %FS	< ± 1.0 %
Excitation , Recommended Voltage V	5 ~ 12
Excitation Maximum (Umax) V	18
Input Resistance Ω	350 ± 3.5
Output Resistance Ω	350 ± 3.5
Insulation Resistance MΩ	≥5000 (at 50VDC)
Compensated Temperature °C	-10 ~+40
Operating Temperature °C	-35 ~ +65
Element Metarial	Nikel Alaşımlı Çelik
Ingress Protection	IP67
Recommended Torque on Fixation Nm	M12: 75
Cable mm	4x0,22







Capacity (kg)	L	L1	L2	L3	L4	в	B1	н	H1	H2	H3	H4	ØD	ØD1	Ød1	Ød2	м
100- 250	130	15.8	25.4	76.2	54.2	31.8	37	31.8	15.8	14.5	15.8	4.8	13.5	18	4	2	12x1.75
500-2.000	130	15.8	25.4	76.2	54.2	31.8	34	31.8	15.8	14.5	15.8	4.8	13.5	18	4	2	12x1.75
2.500-5.000	171.5	19.1	38.1	95.3	77.2	38.1	40	38.1	18.8	17.5	18.8	4.8	19.8	25	4	2	18x1.5
10.000	223.3	25.4	50.8	120.7	101.6	50.8	52.4	25.4					26				24x2



BBROSWEIGHBSB-SS

Image

Features

- ✓ Shear beam loadcell
- ✓ C3 Class
- ✓ Capacity: 250 kg to 5.000 kg
- 🖌 Stainless Steel
- ✓ IP67 Protection
- Suitable for reactor, bunker, silo and tank weighing systems, insdustrial scales, test equipment and other weighing systems.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	3.0 ± 0.008
Maximum Capasity (Emax)	t	0.25,0.5,1,2,5
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Combined Error	%FS	≤± 0.023
Safe Overload	%FS	150%
Ultimate Overload	%FS	300%
Zero Balance	%FS	<±1%
Excitation , Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	350 ± 3.5
Output Resistance	Ω	350 ± 3.5
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M12:75 M20:450
Cable	mm	4x0,22mm









Capacity (kg)	L	L1	L2	L3	d	Н	W	D	H1	H2	L3	М
250	130	15.8	25.4	76.2	13.46	28.45	30.73	13.46	14.23	30.23	57.15	M12
500	130	15.8	25.4	76.2	13.46	32.32	31.32	13.46	15.57	-	-	M12
1.000	130	15.8	25.4	76.2	13.46	32.32	31.32	13.46	15.57	-	-	M12
2.000	130	15.8	25.4	76.2	13.46	32.32	31.32	13.46	15.57	-	-	M12
5.000	171.5	19.1	38.1	95.2	20.65	36.83	36.83	20.65	17.78	-	-	M20



BBROSWEIGH

Image

Features



- ✓ Shear beam loadcell
- ✓ C3 Class
- ✓ Capacity: 250 kg to 10.000 kg
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for reactor, bunker, silo and tank weighing systems, insdustrial scales, test equipment and other weighing systems.

	C3
m V/V	2.0 ± 0.02
t	0.25, 0.5, 1, 2, 5
nLC	3000
Y= Emax / Vmin	10000
%FS	≤± 0.020
%FS	150%
%FS	300%
%FS	< ± 1 %
V	5 ~ 12
V	18
Ω	350 ± 3.5
Ω	350 ± 3.5
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Nikel Alaşımlı Çelik
	IP67
Nm	M12:75 M20:450
mm	4x0,22
	m V/V t nLC Y=Emax/Vmin %FS %FS <

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Technical Drawings & Charts





Capacity (kg)	Α	В	С	D	Е	ØF	ØG	Н	J	K	L	М
250	130	15.5	25.4	76.2	31.8	13	20.5	14.2	25.5	31.8	57.1	M12
500	130	15.5	25.4	76.2	31.8	13	20.5	14.2	25.5	31.8	57.1	M12
1.000	130	15.5	25.4	76.2	31.8	13	20.5	14.2	25.5	31.8	57.1	M12
2.000	130	15.5	25.4	76.2	31.8	13	20.5	14.2	25.5	31.8	57.1	M12
5.000	172	19.1	38.1	95.3	38	20.5	30.2	20	40	44	76.2	M20



BBROSWEIGHBKS-SS

ImageFeatures• Shear beam loadcell• C3 Class• Capacity: 150 kg to 10.000• Stainless steel• IP67 Protection• Suitable for reactor, bunker, silo and
tank weighing systems, insdustrial
scales, test equipment and other
weighing systems.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.02
Maximum Capasity (Emax)	t	0.15,0.5,1,2,5,10
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Combined Error	%FS	≤± 0.0230
Safe Overload	%FS	150%
Ultimate Overload	%FS	300%
Zero Balance	%FS	<±1%
Excitation , Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	350 ± 3.5
Output Resistance	Ω	350 ± 3.5
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M12:75 M20:450
Cable	mm	4x0,22





Capacity (kg)	L	L1	L2	L3	L4	В	н	h	ØD	ØD1	Ød1	Ød2	H2	H3	H4	М
150-300	130	15.7	25.4	76.2	57.1	31.3	31.3	-	13.5	18	4	2	14.5	15.8	4.8	M12
500	130	15.7	25.4	76.2	57.1	31.3	31.3	24.8	13.5	18	4	2	14.5	15.8	4.8	M12
1.000	130	15.7	25.4	76.2	57.1	31.3	31.3	26.0	13.5	18	4	2	14.5	15.8	4.8	M12
1.500-2.000	130	15.7	25.4	76.2	57.1	31.3	31.3	28.0	13.5	18	4	2	14.5	15.8	4.8	M12
2.500-5.000	171	19	38.1	95.2	76.2	36.8	36.8	34.8	20.5	25	4	2	17.5	18.8	4.8	M20
7500-10.000	222	25.4	50.8	120.7	101.6	49.5	49.5	47.5	26.9	-	-	-	-	-	-	M24



BBROSWEIGH

Image

Features



- ✓ Double shear beam loadcell
- ✓ C3 Class
- ✓ Capacity: 4,5 ton to 33 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for reactor, bunker, silo and tank weighing systems, insdustrial scales, test equipment and other weighing systems.

	C3
m V/V	3.0 ± 0.008
Klb	10,20,40,40,50,60,75
nLC	3000
Y= Emax / Vmin	10000
%FS	≤± 0.020
%FS	150%
%FS	300%
%FS	<±1%
V	5 ~ 12
V	18
Ω	700 ± 7
Ω	703 ± 4
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Nikel Alaşımlı Çelik
	IP67
Nm	M16 M27
mm	4x0,22
	m V/V Klb nLC Y= Emax / Vmin %FS %FS %FS %FS %FS %FS %FS %C °C °C °C °C Nm Mm







Capacity (klb)	Α	С	н	G	ØD	J	Ød	R	Е		М	
10	206.2	174.6	133.1	15.7	43.2	28.4	16.7	12.7	15.7	³∕8-1	8 UNF-	-2B
15-20	206.2	174.6	133.1	21.3	49.5	28.4	16.7	12.7	15.7	³∕8-1	8 UNF-	-2B
30-75	206.4	215.9	165.1	25.4	76.2	60.2	26.9	25.4	22.4	³∕8 - 1	8 UNF	-2B



BBROSWEIGH BKL-SS

Features Image ✓ Bending beam loadcell ✓ C3 Class ✓ Capacity: 10 kg to 500 kg ✓ Stainless Steel ✓ IP67 Protection BROSWEIGHCOM Model: BKL-SS Capacity: 500KG

✓ Suitable for reactor, low-capacity tank weighing systems, insdustrial scales, test equipment.

|--|

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Maximum Capasity (Emax)	kg	10,20,30,50,100, 200,250,500
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	15000
Combined Error	%FS	≤± 0.023
Safe Overload	%FS	150%
Ultimate Overload	%FS	300%
Zero Balance	%FS	< ± 1 %
Excitation, Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	460 ± 50
Output Resistance	Ω	350 ± 3.5
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M8:25 M10:50
Cable	mm	4x0,22





Capacity (kg)	d	D	Н
10	8.2	23	20
20	8.2	23	20
50	8.2	23	20
100	8.2	23	20
200	8.2	23	20
350	10.3	24	19
500	10.3	24	19



Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 100-200-300kg
- 🖌 Stainless Steel
- IP67 Protection
- Max base dimensions: 600mm x 600mm
- Suitable for single point platforms, test equipment, checkweighers.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Maximum Capasity (Emax)	kg	100, 200, 300
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Combined Error	%FS	≤± 0.023
Safe Overload	% Emax	150%
Ultimate Overload	% Emax	300%
Zero Balance	%FS	< ± 1.5 %
Excitation, Recommended Voltage	V	5~12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	350 ± 3.5
Output Resistance	Ω	351 ± 2.0
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M6: 10
Cable	mm	4x0,22







Image

BROSWEIGH Model: BSP-2 Capacity: 500kg

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 100-150-200-300-500kg
- 🖌 Stainless Steel
- ✓ IP67 Protection
- Max base dimensions: 800mm x 800mm
- Suitable for single point platforms, test equipment, checkweighers.

	C3
m V/V	2.0 ± 0.2
kg	100,150, 200, 300,500
nLC	3000
Y= Emax / Vmin	10000
%FS	≤± 0.023
% Emax	150%
% Emax	300%
%FS	< ± 2 %
V	5 ~ 12
V	18
Ω	350 ± 3.5
Ω	350 ± 10
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
°C	Stainless Steel
	IP67
Nm	M6:10 M8:25
mm	4x0,22
	m V/V kg nLC Y=Emax / Vmin %FS %Emax %FS %FS %FS %FS %C %C °C °C °C °C %C %C %C %C <t< th=""></t<>





Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 3-5-10-15-20-30-40-50kg
- 🖌 Aluminium material
- IP65 Protection
- Max base dimensions: 250mm x 300mm
- ✓ Suitable for precision scales, test equipment, checkweighers.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Maximum Capasity (Emax)	kg	3,5,10,15,20,30,40,50
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Combined Error	%FS	≤± 0.02
Safe Overload	% Emax	150%
Ultimate Overload	% Emax	200%
Zero Balance	%FS	< ± 2 %
Excitation, Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	406 ± 6
Output Resistance	Ω	350 ± 3
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Aluminium
Ingress Protection		IP65
Recommended Torque on Fixation	Nm	< 30kg: 6 >30kg: 10
Cable	mm	4x0,22







P65 C E RoHS Compliant

BROSWEIGH

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Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 75 100 150 200 kg
- 🖌 Aluminium material
- IP65 Protection
- Max base dimensions: 350mm x 350mm
- ✓ Suitable for precision scales, test equipment, checkweighers.

Accuary ClassC3Output Sensitivy (=FS)m V/V2.0 ± 0.2Maximum Capasity (Emax)kg75,100,150,200Max. Number of Load Cell IntervalsnLC3000Ratio of Min. LC Verification IntervalY= Emax / Vmin10000Combined Error%FS≤± 0.0230Safe Overload% Emax300%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialIntervalAluminiumIngress ProtectionNmM6: 10Cablemm4x0,22			
Output Sensitivy (=FS)m WV2.0 ± 0.2Maximum Capasity (Emax)kg75,100,150,200Max. Number of Load Cell IntervalsnLC3000Ratio of Min. LC Verification IntervalY= Emax / Vmin10000Combined Error%FS≤± 0.0230Safe Overload% Emax150%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceMΩ25000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInfoJIP65Recommended Torque on FixationMmM6: 10Cablemm4x0,22	Accuary Class		C3
Maximum Capasity (Emax)kg75, 100, 150, 200Max. Number of Load Cell IntervalsnLC3000Ratio of Min. LC Verification IntervalY= Emax / Vmin10000Combined Error%FS≤± 0.0230Safe Overload% Emax150%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩΩ409 ± 6Output ResistanceMΩ25000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInputIP65Recommended Torque on FixationMmM6: 10Cablemm4x0,22	Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Max. Number of Load Cell IntervalsnLC3000Ratio of Min. LC Verification IntervalY= Emax / Vmin10000Combined Error%FS≤± 0.0230Safe Overload% Emax300%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceMΩ≥5000 (at 50 VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInfoIP65Recommended Torque on FixationMm4x0,22	Maximum Capasity (Emax)	kg	75, 100, 150, 200
Ratio of Min. LC Verification IntervalY= Emax / Vmin10000Combined Error%FS≤± 0.0230Safe Overload% Emax150%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceMΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialIncIP65Recommended Torque on FixationMm4x0,22	Max. Number of Load Cell Intervals	nLC	3000
Combined Error%FS≤± 0.0230Safe Overload% Emax150%Ultimate Overload% Emax300%Zero Balance%FS<± 2 %Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceΩΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInfoIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Safe Overload% Emax150%Ultimate Overload% Emax300%Zero Balance%FS<±2%Excitation , Recommended VoltageV5~12Excitation Maximum (Umax)V18Input ResistanceΩ409±6Output ResistanceΩ350±3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10~+40Operating Temperature°C-35~+65Element MetarialIngress ProtectionIP65Recommended Torque on FixationMm4x0,22	Combined Error	%FS	≤± 0.0230
Ultimate Overload% Emax300%Zero Balance%FS<±2%Excitation , Recommended VoltageV5~12Excitation Maximum (Umax)V18Input ResistanceΩ409±6Output ResistanceΩ350±3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10~+40Operating Temperature°C350~+65Element MetarialInfoIP65Recommended Torque on FixationNmM6:10Cablemm4x0,22	Safe Overload	% Emax	150%
Zero Balance%FS<±2%	Ultimate Overload	% Emax	300%
Excitation , Recommended VoltageV5 ~ 12Excitation Maximum (Umax)V18Input ResistanceΩ409 ± 6Output ResistanceΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50 VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInferse ProtectionIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Zero Balance	%FS	< ± 2 %
Excitation Maximum (Umax)∨18Input ResistanceΩ409 ± 6Output ResistanceΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50 ∨DC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInsulationIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Excitation , Recommended Voltage	V	5 ~ 12
Input ResistanceΩ409 ± 6Output ResistanceΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInsulationAluminiumIngress ProtectionIP65IP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Excitation Maximum (Umax)	V	18
Output ResistanceΩ350 ± 3Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInsummer (at the second seco	Input Resistance	Ω	409 ± 6
Insulation ResistanceMΩ≥5000 (at 50VDC)Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialInformationAluminiumIngress ProtectionIP65Recommended Torque on FixationNmM6:10Cablemm4x0,22	Output Resistance	Ω	350 ± 3
Compensated Temperature°C-10 ~+40Operating Temperature°C-35 ~ +65Element MetarialIncompositionAluminiumIngress ProtectionIP65IP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Insulation Resistance	MΩ	≥5000 (at 50VDC)
Operating Temperature°C-35 ~ +65Element MetarialImpress ProtectionAluminiumIngress ProtectionImpressIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Compensated Temperature	°C	-10 ~+40
Element MetarialAluminiumIngress ProtectionIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Operating Temperature	°C	-35 ~ +65
Ingress ProtectionIP65Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Element Metarial		Aluminium
Recommended Torque on FixationNmM6: 10Cablemm4x0,22	Ingress Protection		IP65
Cable mm 4x0,22	Recommended Torque on Fixation	Nm	M6: 10
	Cable	mm	4x0,22



Technical Drawings & Charts









Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 6 9 12 15 18 30kg
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 350mm x 350mm
- ✓ Suitable for precision scales, test equipment.

	C3
m V/V	2.0 ± 0.2
kg	6, 9, 12, 15, 18, 30
nLC	3000
Y= Emax / Vmin	10000
%FS	≤± 0.0230
% Emax	150%
% Emax	300%
%FS	< ± 1 %
V	5 ~ 12
V	18
Ω	409 ± 6
Ω	350 ± 3
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Aluminium
	IP65
Nm	M6
mm	4x0,22
	mV/V kg nLC Y= Emax / Vmin %FS %Emax %FS %FS %FS %FS %C %MM MM MM











Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ 50-100-150-200-300-500kg kapasite seçenekleri
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 400mm x 400mm
- Suitable for single-point platforms, test equipment, checkweighers.

Accuary Class		C3	
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2	
Maximum Capasity (Emax)	kg	50,100,150,200,300	0,500
Max. Number of Load Cell Intervals	nLC	3000	
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000	
Combined Error	%FS	≤± 0.0230	
Safe Overload	% Emax	150%	
Ultimate Overload	% Emax	200%	
Zero Balance	%FS	< ± 2 %	
Excitation , Recommended Voltage	V	5 ~ 12	
Excitation Maximum (Umax)	V	18	
Input Resistance	Ω	406 ± 6	
Output Resistance	Ω	350 ± 3	
Insulation Resistance	MΩ	≥5000 (at 50VD0	C)
Compensated Temperature	°C	-10 ~+40	
Operating Temperature	°C	-35 ~ +65	
Element Metarial		Aluminium	
Ingress Protection		IP65	
Recommended Torque on Fixation	Nm	M6:20	
Cable	mm	4x0,22	







Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 50 100 150 -200 -300 - 500kg
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 450mm x 450mm
- Suitable for single-point platforms, test equipment, checkweighers, belt scales.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Maximum Capasity (Emax)	kg	50,100,150,200,300,500
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000
Combined Error	%FS	≤± 0.0230
Safe Overload	% Emax	150%
Ultimate Overload	% Emax	200%
Zero Balance	%FS	< ± 2 %
Excitation, Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	406 ± 6
Output Resistance	Ω	350 ± 3
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Aluminium
Ingress Protection		IP65
Recommended Torque on Fixation	Nm	M8: 25
Cable	mm	4x0,22







M8 (Depth 20) 4x



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Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 3 5 10 15 20 30 -50 - 75 - 100kg
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 400mm x 400mm
- ✓ Suitable for single-point & doublepoint platforms, test equipment.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2
Maximum Capasity (Emax)	kg	3,5,10,15,20,30,50,75,100
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	12000
Combined Error	%FS	≤± 0.0230
Safe Overload	% Emax	150%
Ultimate Overload	% Emax	200%
Zero Balance	%FS	< ± 2 %
Excitation , Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	406 ± 6
Output Resistance	Ω	350 ± 3
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Aluminium
Ingress Protection		IP65
Recommended Torque on Fixation	Nm	M6:10
Cable	mm	4x0,22







Image

Features

- ✓ Single point loadcell
- ✓ C3 Class
- ✓ Capacity: 50 100 150 200 250 300kg
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 600mm x 600mm
- Suitable for single-point platforms, test equipment, checkweighers, belt scales.

Accuary Class		C3	
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2	
Maximum Capasity (Emax)	kg	50,100,150,200,25	50,300
Max. Number of Load Cell Intervals	nLC	3000	
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	7000	
Combined Error	%FS	≤± 0.0230	
Safe Overload	% Emax	150%	
Ultimate Overload	% Emax	300%	
Zero Balance	%FS	<±1%	
Excitation, Recommended Voltage	V	5 ~ 12	
Excitation Maximum (Umax)	V	18	
Input Resistance	Ω	406	± 6
Output Resistance	Ω	350 ± 3	
Insulation Resistance	MΩ	≥5000 (at 50VD) C
Compensated Temperature	°C	-10 ~+40	
Operating Temperature	°C	-35 ~ +65	
Element Metarial		Aluminium	
Ingress Protection		IP65	
Recommended Torque on Fixation	Nm	M8:25	
Cable	mm	4x0,22	







Image

Features



✓ Single point loadcell

- ✓ C3 Class
- ✓ Capacity: 50 100 150 200 250 300 500 600kg
- ✓ Aluminium material
- ✓ IP65 Protection
- ✓ Max base dimensions: 600mm x 600mm
- Suitable for single-point platforms, test equipment, checkweighers, belt scales.

Accuary Class		C3	
Output Sensitivy (=FS)	m V/V	2.0 ± 0.2	
Maximum Capasity (Emax)	kg	50,100,150,200,25	50,300
Max. Number of Load Cell Intervals	nLC	3000	
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10.000	
Combined Error	%FS	≤± 0.020	
Safe Overload	% Emax	150%	
Ultimate Overload	% Emax	300%	
Zero Balance	%FS	<±2%	
Excitation, Recommended Voltage	V	5 ~ 12	
Excitation Maximum (Umax)	V	18	
Input Resistance	Ω	409 ± 6	
Output Resistance	Ω	350 ± 3	
Insulation Resistance	MΩ	≥5000 (at 50VD) C
Compensated Temperature	°C	-10 ~+40	
Operating Temperature	°C	-35 ~ +65	
Element Metarial		Aluminium	
Ingress Protection		IP65	
Recommended Torque on Fixation	Nm	M8:20	
Cable	mm	6x0,24	







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BBROSWEIGH BST-1 SS

Image

Features



✓ S type loadcell

- ✓ C3 Class
- ✓ Capacity: 50 kg to 10.000 kg
- 🖌 Stainless Steel
- ✓ IP67 Protection
- Suitable for streching & pulling applications, test equipment, pendant weighing systems

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	3.0 ± 0.008
Maximum Capasity (Emax)	kg	50,100,250,500,1t,5t.,10t
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000-12000
Combined Error	%FS	≤± 0.020
Safe Overload	% Emax	150%
Ultimate Overload	% Emax	300%
Zero Balance	%FS	< ± 1 %
Excitation, Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	430 ± 50
Output Resistance	Ω	351 ± 2
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M8 M30
Cable	mm	4x0,22
BROSWEIGH BST-1 SS

Technical Prawings & Charts



Capacity (kg)	L	Н	H1	W 1	W	М
50-100	50.8	60.96	8.89	11.68	15.6	M8
250-500	50.8	60.96	8.89	18.03	21.41	M12
1.000	50.8	60.96	8.89	24.38	27.76	M12
2.500	76.2	99.06	13.97	24.38	27.76	M20 x 1.5
5.000	74.68	99.06	18.37	30.74	34.12	M20 x 1.5
7.500	87.38	139.7	27.5	37.08	40.46	M24 x 2
10.000	112.78	177.8	39.9	42.93	46.31	M30 x 2



BBROSWEIGH BST-2 SS

Image

Features



✓ S type loadcell

- ✓ C3 Class
- ✓ Capacity: 500 kg to 7.500 kg
- 🖌 Stainless Steel
- ✓ IP67 Protection
- Suitable for streching & pulling applications, test equipment, pendant weighing systems

	C3
m V/V	2.0 ± 0.004
t	0.5, 1, 2, 3, 4, 5, 6, 7.5
nLC	3000
Y= Emax / Vmin	12000
%FS	≤± 0.023
%FS	150
%FS	300
%FS	≤± 1.5
V	5 ~ 12
V	18
Ω	350 ± 3
Ω	350 ± 3
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Stainless Steel
	IP67
Nm	M12 M24
mm	4x0,22
	m V/V t nLC Y= Emax / Vmin %FS %C %C





Capacity (kg)	W	Н	М
500-1.000	32	25	M12 x 1.75
2.000-3.000	32	25	M20 x 1.5
4.000	36	25	M20 x 1.5
5.000-7.500	50	24	M24 x 2



BBROSWEIGHBST-3

Image

Features



✓ S type loadcell

- ✓ C3 Class
- ✓ Capacity: 500 kg to 30.000 kg
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for streching & pulling applications, test equipment, pendant weighing systems

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	3.0 ± 0.008
Maximum Capasity (Emax)	t	0.05,3.0,5.0,7.5,10,15,20,30
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000-12000
Combined Error	%FS	≤± 0.020
Safe Overload	%FS	150
Ultimate Overload	%FS	300
Zero Balance	%FS	< ± 1.0 %
Excitation , Recommended Voltage	V	5~12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	430 ± 50
Output Resistance	Ω	351 ± 2
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Stainless Steel
Ingress Protection		IP67
Recommended Torque on Fixation	Nm	M8 M42
Cable	mm	4x0,22





Capacity (kg)	L	Н	W1	W	H1	М
25-50	50.8	76.2	12.7	14.5	<mark>15</mark> .7	M8
100-150	50.8	76.2	19.0	22.4	15.3	M10 x 1.5
200-750	50.8	76.2	19.0	<mark>22.4</mark>	14.4	M12 x 1.75
1.000 <mark>-1.500</mark>	50.8	76.2	25.4	28.8	12.5	M12 x 1.75
2.500	76.2	101.6	25.4	28.8	20	M20 x 1.5
7.500-10.000	125	175	50	-	40.2	M33 x 3
15.000-20.000	160	200	60	-	51	M42x3
30.000	190	230	80	-	57.5	M42x3



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Features



✓ Compression type loadcell

- ✓ C3 Class
- ✓ Capacity: 20 ton to 50 ton
- 🖌 Nickel alloy steel
- ✓ IP67 protection
- Suitable for container weighing systems, truck scales, axle scales.

	C3
m V/V	2.0 ± 0.002
t	20, 30, 40, 50
nLC	3000
Y= Emax / Vmin	10000
%FS	≤± 0.02
%FS	< ± 1.0 %
%FS	150%
%FS	300%
V	5 ~ 12
V	15
Ω	700 ± 7
Ω	703 ± 4
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Nikel Alaşımlı Çelik
	IP67
mm	4x0,22
	mV/V t nLC Y= Emax / Vmin %FS %FS %FS %FS %FS %FS %FS %C Q Q %C °C °C mm





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Image

Features



✓ Pancake loadcell

- ✓ C3 Class
- ✓ Capacity: 0,5 ton to 100 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for container weighing systems, test equipment, tank weighing systems.

Accuary Class		C3
Output Sensitivy (=FS)	m V/V	2.0±0.002
Maximum Capasity (Emax)	t	0.5,1,2,3,5,10,20,50,100
Max. Number of Load Cell Intervals	nLC	3000
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	7500
Combined Error	%FS	≤± 0.020
Safe Overload	%FS	150
Ultimate Overload	%FS	300
Zero Balance	%FS	< ± 1.0 %
Excitation , Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	350±3.5
Output Resistance	Ω	350±3.5
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Nikel Alaşımlı Çelik
Ingress Protection		IP67
Cable	mm	4x0,22







Capacity (t)	D	D1	Н	м
0,5-2	105	28	70	M14x2
3-5	120	33	80	M20x.15
10-20	155	60.5	90	M32x2
50	200	75	120	M45x3



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Features



✓ Pancake loadcell

- ✓ C2 Class
- ✓ Capacity: 40 ton to 100 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for container weighing systems, test equipment, tank weighing systems.

Accuary Class		C2	
Output Sensitivy (=FS)	m V/V	2.0±0.005	
Maximum Capasity (Emax)	t	40,60,100	
Max. Number of Load Cell Intervals	nLC	2000	
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000	
Combined Error	%FS	≤± 0.030	
Safe Overload	%FS	150	
Ultimate Overload	%FS	300	
Zero Balance	%FS	< ± 1.0 %	
Excitation , Recommended Voltage	V	10	
Excitation Maximum (Umax)	V	15	
Input Resistance	Ω	7500±3.0	
Output Resistance	Ω	7020±5.0	
Insulation Resistance	MΩ	≥5000 (at 100VD	C)
Compensated Temperature	°C	-10 ~+40	
Operating Temperature	°C	-35 ~ +65	
Element Metarial		Nikel Alaşımlı Çe	elik
Ingress Protection		IP67	
Cable	mm	4x0,22	





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Features



✓ Pancake loadcell

- ✓ C3 Class
- ✓ Capacity: 10 ton to 30 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for container weighing systems, test equipment, tank weighing systems.

Accuary Class		C3	
Output Sensitivy (=FS)	m V/V	2.0±0.005	
Maximum Capasity (Emax)	t	10,203	
Max. Number of Load Cell Intervals	nLC	3000	
Ratio of Min. LC Verification Interval	Y= Emax / Vmin	10000	
Combined Error	%FS	≤± 0.020	
Safe Overload	%FS	150	
Ultimate Overload	%FS	300	
Zero Balance	%FS	< ± 1.0 %	
Excitation , Recommended Voltage	V	10	
Excitation Maximum (Umax)	V	15	
Input Resistance	Ω	380±2.0	
Output Resistance	Ω	351±3.0	
Insulation Resistance	MΩ	≥5000 (at 100VD0))
Compensated Temperature	°C	-10 ~+40	
Operating Temperature	°C	-35 ~ +65	
Element Metarial		Nikel Alaşımlı Çel	ik
Ingress Protection		IP67	
Cable	mm	4x0,22	





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Image

Features



✓ Crane overload sensor

- ✓ G5 Class
- ✓ Capacity: 0,5 ton to 10 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for overload containers, crane scales.

Accuary Class		G5
Output Sensitivy (=FS)	m V/V	1.0 ± 0.02
Maximum Capasity (Emax)	t	0.5,1,1.5,2,2,5,5,10
Combined Error	%FS	≤± 0.5
Safe Overload	%FS	150%
Ultimate Overload	%FS	200%
Zero Balance	%FS	< ± 2.0 %
Excitation, Recommended Voltage	V	5 ~ 12
Excitation Maximum (Umax)	V	18
Input Resistance	Ω	370 ± 10
Output Resistance	Ω	350 ± 3.5
Insulation Resistance	MΩ	≥5000 (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-35 ~ +65
Element Metarial		Nikel Alaşımlı Çelik
Ingress Protection		IP67
Cable	mm	4x0,22

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Technical Drawings & Charts



Capacity (t)	L	W	W1	W2	н	H1	H2	H3	ØD
0,5	95	50	20	52	40	52	33.3	25	7-10
1	95	50	20	52	40	54.8	33.3	25	11-13
1,5	95	52	22	54	43	58,4	32.8	25	13-15
2,5	95	52	22	54	43	60	32.8	25	15-17
5	101	58	28	60	48.5	66	33.5	25	18-20
10	130	64	34	66	55	74	38.5	30	20-22



BBROSWEIGHRLT

Image

Features

52



✓ Running Line Tensiometer

- ✓ G5 Class
- ✓ Capacity: 1 ton to 50 ton
- 🖌 Nickel alloy steel
- ✓ IP67 Protection
- Suitable for overload containers, rope tension systems, crane scales.

	G5
m V/V	1.2 ± 0.2
t	3,6,10,20
%FS	≤± 1
%FS	150%
%FS	300%
%FS	< ± 1.0 %
V	10
V	15
Ω	370 ± 20 / 720 ± 20
Ω	352 ± 3.0 / 702 ± 5
MΩ	≥5000 (at 50VDC)
°C	-10 ~+40
°C	-35 ~ +65
	Nikel Alaşımlı Çelik
	IP67
mm	4x0,22
	mV/V t %FS %FS %FS V V Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω Ω







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Image

Features



✓ Web tension loadcell

- ✓ C1 Class
- ✓ Capacity: 20 kg to 200 kg
- 🖌 Nickel alloy steel
- ✓ IP65 Protection
- Cable with 4-pin-connector
- Suitable for tension application in textile and printing industries.

Accuary Class C1	
Output Sensitivy (=rS) $m \sqrt{v}$ 2.0 ± 0.005	
Maximum Capasity (Emax) kg 20,50,100,200	
Max. Number of Load Cell Intervals nLC 1000	
Ratio of Min. LC Verification Interval Y= Emax / Vmin 5000	
Combined Error %FS ≤± 0.05	
Zero Balance %FS < ± 1.0 %	
Excitation , Recommended Voltage V 10	
Excitation Maximum (Umax) V 15	
Input Resistance Ω 400 ± 30	
Output Resistance Ω 350 ± 5	
Insulation Resistance MΩ 5000≥ (at 50VDC)
Compensated Temperature °C -10 ~+40	
Operating Temperature°C-35 ~ +70	
Element Metarial Nickel Alloy Stee	l
Ingress Protection IP65	
Cable mm 4x0,22	









BBROSWEIGHBPT-1

Image

Features



- ✓ Pin type loadcell
- ✓ C1 Class
- ✓ Capacity: 1 ton to 200 ton
- 🖌 Nickel alloy steel
- ✓ IP65 Protection
- ✓ Output options: 0-10V/4-20A and RS232/485
- Suitable for cranes and mobile weighing systems.

Accuary Class		C1
Output Sensitivy (=FS)	m V/V	1.2 ± 0.2
Maximum Capasity (Emax)	t	1,2,3,5,10,20,40,100,200
Combined Error	%FS	≤± 0.5
Zero Balance	%FS	<±1.0 %
Safe Overload	%FS	150
Ultimate Overload	%FS	300
Excitation , Recommended Voltage	V	10
Excitation Maximum (Umax)	V	15
Input Resistance	Ω	370 ± 20 / 720 ± 20
Output Resistance	Ω	352 ± 3 / 702 ± 5
Insulation Resistance	MΩ	5000≥ (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-30 ~ +70
Element Metarial		Nickel Alloy Steel
Ingress Protection		IP65
Cable	mm	4x0,22

BBROSWEIGH BPT-1

Technical Drawings & Charts



Capacity (kg)	L	Α	В	С	F	B1	D	н	Е
1.000	105	20	12	12	35	14	35	4	6,5
2.000	105	20	12	12	35	14	35	4	6,5
3.000	105	20	12	12	35	14	35	4	6,5
5.000	105	20	12	12	35	14	35	4	6,5
10.000	152	30	18	18	48	20	50	5	10,5
20.000	495	35	20	25	65	25	65	8	10,5
40.000	265	41	28	35	89	37	85	12	12



BBROSWEIGHBPT-2

Image

Features

- ✓ Pin type loadcell
- ✓ C1 Class
- ✓ Capacity: 1 ton to 20 ton
- 🖌 Nickel alloy steel
- ✓ IP65 Protection
- ✓ Output options: 0-10V/4-20A and RS232/485
- Suitable for cranes and mobile weighing systems.

Accuary Class		C1
Output Sensitivy (=FS)	m V/V	1.2 ± 0.2
Maximum Capasity (Emax)	t	1,2,3,5,7.5,10,20
Combined Error	%FS	≤± 0.5
Zero Balance	%FS	< ± 1.0 %
Safe Overload	%FS	150
Ultimate Overload	%FS	300
Excitation, Recommended Voltage	V	10
Excitation Maximum (Umax)	V	15
Input Resistance	Ω	370 ± 20 / 720 ± 20
Output Resistance	Ω	352 ± 3 / 702 ± 5
Insulation Resistance	MΩ	5000≥ (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-30 ~ +70
Element Metarial		Nickel Alloy Steel
Ingress Protection		IP65
Cable	mm	4x0,22





Capacity (kg)	L	L1	D	D1	D2	Α	В	С	E	G	н
1.000	99	62	35	25	M22	24	13	6	14	10	23
2.000	99	62	35	25	M22	24	13	6	14	10	23
3.000	113	75	40	30	M27	24	13	6	27	10	24
5.000	127	85	50	35	M30	24	16,5	7	28	10	28
7.500	134	98	50	41	M30	16	20	8	32	10	30



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BBROSWEIGHBPT-3

Image

Features



✓ Pin type loadcell

- ✓ C1 Class
- ✓ Capacity: 1 ton to 20 ton
- 🖌 Nickel alloy steel
- ✓ IP65 Protection
- Output options: 0-10V/4-20A and RS232/485
- Suitable for cranes and mobile weighing systems.

Accuary Class		C1
Output Sensitivy (=FS)	m V/V	1.2 ± 0.2
Maximum Capasity (Emax)	t	1,2,3,5,10,20
Combined Error	%FS	≤± 0.5
Zero Balance	%FS	< ± 1.0 %
Safe Overload	%FS	150
Ultimate Overload	%FS	300
Excitation, Recommended Voltage	V	10
Excitation Maximum (Umax)	V	15
Input Resistance	Ω	370 ± 20 / 720 ± 20
Output Resistance	Ω	352 ± 3 / 702 ± 5
Insulation Resistance	MΩ	5000≥ (at 50VDC)
Compensated Temperature	°C	-10 ~+40
Operating Temperature	°C	-30 ~ +70
Element Metarial		Nickel Alloy Steel
Ingress Protection		IP65
Cable	mm	4x0,22





Capacity (kg)	D	D1	L	L1	Α	В	С	Е	F	G	Н
1.000	39	30	83	52	20	7	10	6	18	18	6
2.000	39	30	83	52	20	7	10	6	18	18	6
3.000	44	35	86	55	20	8	10	6	19	19	6
5.000	49	40	96	64	20	9,5	12	7	21	21,5	8
10.000	59	50	114	80	20	10	16	7	28	24	8



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BBROSWEIGH BSB-TMK

Image

Features



- ✓ BSB Tank Installation Kit
- ✓ Galvanized Steel / Stainless Steel
- ✓ Capacity: 500 kg to 10.000 kg
- Suitable for reactor, bunker, silo and tank weighing systems.

Specifications

BSB-TMK; is an installation kit for tank & silo weighing systems. Advised to be bundled with BSB model shear beam loadcells. Protects loadcell against shocks and diagonal charges. Regular version is made of galvanized steel, where stainless steel is also an option.



BBROSWEIGH BKS-TMK

Image

Features

63

- ✓ BKS Tank Installation Kit
- ✓ Galvanized Steel / Stainless Steel
- ✓ Capacity: 500 kg to 10.000 kg
- Suitable for reactor, bunker and industrial weighing scales.

Specifications

<u>BKS-TMK</u>; is an installation kit for tank & silo weighing systems. Advised to be bundled with BKS model shear beam loadcells. Protects loadcell against shocks and diagonal charges. Regular version is made of galvanized steel, where stainless steel is also an option.



BBROSWEIGH BKL-TMK

Image

Features



- ✓ BKL Tank Installation Kit
- ✓ Galvanized Steel / Stainless Steel
- ✓ Capacity: 100 kg to 500 kg
- Suitable for reactor, bunker and industrial weighing scales.

Specifications

BKL-TMK; is an installation kit for reactor, bunker and industrial weighing scales. Advised to be bundled with BKL model bending beam loadcells. Protects loadcell against shocks and diagonal charges. Regular version is made of galvanized steel, where stainless steel is also an option.





BBROSWEIGH BPL-TMK

ImageFeaturesFeatures• BPL Tank Installation KitGalvanized Steel• Capacity: 3 ton to 100 kgSuitable for reactor, bunker and industrial weighing scales.

Specifications

<u>BPL-TMK</u>; is an installation kit for tank, silo, container weighing systems and test equipments. Advised to be bundled with BPL model pancake type loadcells. Designed to endure heavy industrial enviroments. Regular version is made of galvanized steel only.





BBROSWEIGH BDS-TMK

Image

Features



- ✓ BDS Tank Installation Kit
- ✓ Galvanized Steel
- ✓ Capacity: 10 ton to 40 ton
- Suitable for tank & silo weighing systems and test equipments.

Specifications

BDS-TMK; is an installation kit frequently used in tank, silo, container weighing systems and test equipments. Advised to be bundled with BDS model double shear beam loadcells. Designed to endure heavy industrial environments. Regular version is made of galvanized steel only.



BBROSWEIGH BTS-MK

Image

Features



- ✓ BTS Installation Kit
- ✓ Galvanized Steel
- ✓ Capacity: 20 ton to 50 ton
- Suitable for tank, silo, contaier weighing systems, truck & axle scales.

Specifications

BTS-MK; is an installation kit for tank, silo, container weighing systems, truck & axle scales. Advised to be bundled with BTS model compression type loadcells. Designed to endure heavy industrial enviroments. Regular version is made of galvanized steel only.



B BROSWEIGH BSB-BL-KMA

Image

Features

- ✓ BSB ball-bearing installation stand
- ✓ Galvanized steel
- ✓ Capacity: 100 kg to 5.000 kg
- Suitable for reactor, bunker, silo and tank weighing systems, industrial scales.

Specifications

BSB-BL-KMK; is an installation stand frequently used in tank, silo, reactor weighing systems and industrial scales. Advised to be used for BSB or BKS model shear beam loadcells. Built-in ball bearing and rubber base protects loadcell against shocks and diagonal charges. Particularly suggested to be used in applications with intense vibration. Regular version is made of galvanized steel only.



BBROSWEIGH BSB-KMA

Image	Features
	✓ BSB rubber installation stand
	✓ Galvanized steel
	✓ Capacity: 500 kg to 5.000 kg
	✓ Suitable for reactor, bunker, silo and tank weighing systems, industrial scales.

Specifications

BSB-KMK; is an installation stand frequently used in tank, silo, reactor weighing systems and industrial scales. Advised to be used for BSB or BKS model shear beam loadcells. Rubber base protects loadcell against shocks and diagonal charges. Particularly suggested to be used in applications with intense vibration. Regular version is made of galvanized steel only.



BBROSWEIGH BKL-KMA

Image

Features

70



BKL-KMK; is an installation stand frequently used in reactor & bunker weighing systems and industrial scales. Advised to be used for BKL model bending beam loadcells. Rubber base protects loadcell against shocks and diagonal charges. Particularly suggested to be used in applications with intense vibration. Regular version is made of galvanized steel only.



BBROSWEIGH BST-KMA



<u>BST-KMK</u>; is an installation hook used in pendant weighing systems. Advised to be used for BST model S-type loadcells. Regular version is made of galvanized steel only.



71

BBROSWEIGHBST-RMA

Image

Features

72



- \checkmark BST Installation ring
- ✓ Galvanized steel
- ✓ Capacity: 25 kg to 5.000 kg
- Suitable for pendant weighing applications.

Specifications

<u>BST-RMA</u>; is an installation ring used in pendant weighing systems. Advised to be used for BST model S-type loadcells. Regular version is made of galvanized steel only.


Image

Features



- ✓ BCI is a panel type high performance weighing indicator designed for the purpose of weighing & filling certain quantities of powder, liquid or granular materials.
- It has filling modes. It is designed in accordance with the necessary basic inputs and outputs of filling machines.
- ✓ All functions are accessible via Modbus. All operations such as resetting, stopping, starting, entering set values, calibration can be done via the HMI Operator Panel without the need for a PLC.

Display	6x22 Kırmızı Led
Display Division	999.999
Button	5 Adet Tact Buton
A/D Convertion	24 Bit Sigma Delta
Convertion Rate	800 Hz
Input Voltage	1,25 - 2,5 - 5m V/V
Internal Resolution	16.000.000 iç sayım
Digital Filter	Seçilebilir 10 Adımlı Filtre
Calibration	Yük kalibrasyonu, eCal, Katsayı, Tuşlarla veya ModbusÜzerinden
I/O Port	8 adet PNP transistör çıkış - 8 adet optik izoleli giriş
RS232/485 Port	1200 ~ 57600 ayarlanabilir. Modbus RTU kullanılabilir.
Analogue	0-10V/0-20mA
Operating Temparature	-15 ~ +50 °C
Loadcell Suppy	5V DC
Power Supply	18~36V ACDC
Box size	72x144mm

Image



Features

- ✓ NPI-BW is a high performance belt scale weighing indicator designed for weighing powdery or granular bulk materials transported on belt conveyor systems.
- The instantaneous amount and total amount of material passing over the belt conveyor can be monitored in real time. Last 30 days' records are saved day by day.
- ✓ Via the built-in communication ports, the measured values can be easily transferred to PLC/DCS systems.

Display	4,3" TFT		
Display Division	999.999		
Button	16 Adet Tact Buton		
A/D Convertion	24 Bit Sigma Delta		
Convertion Rate	800 Hz		
Input Voltage	1,25 - 2,5 - 5m V/V		
Internal Resolution	16.000.000 iç sayım		
Digital Filter	Seçilebilir 10 Adımlı Filtre		
Calibration	Yük kalibrasyonu, eCal, Katsayı, Tuşlarla veya ModbusÜzerinden		
I/O Port	8 adet PNP transistör çıkış - 8 adet optik izoleli giriş		
RS232/485 Port	1200 ~ 57600 ayarlanabilir. Modbus RTU kullanılabilir.		
Analogue	0-10V/0-20mA (2 Kanal)		
Operating Temparature	-15 ~ +50 °C / 18~36V ACDC		
Loadcell Suppy	5VDC		
Power Supply	18~36V ACDC		
Box size	130x180mm		

BBROSWEIGHBTR-1

Image

Republic Contractions of the second s

Features

- BTR-1 is a high performance rail type digital loadcell converter developed for industrial weighing applications.
- ✓ Communication is provided over Modbus RTU and Modbus TCP communication protocols via RS232/485 and Ethernet ports.
- ✓ With Modbus Commands, reset, calibration operations and access to all parameters are possible.

Display6 DijitDisplay Division999.999Button4 Adet Tact ButonA/D Convertion24 Bit Sigma DeltaConvertion Rate800 HzInput Voltage2,5m V/VInternal Resolution16.000.000 iç sayımDigital FilterYük kalibrasyonu, eCal, Katsayı, Tuşlarla veya Modbus ÜzerindenV/O Port4 adet optik izoleli giriş - 4 adet röle çıkışRS232/485 Port1200 ~ 115200 ayarlanabilir. Modbus RTU kullanılabilir.Analogue0-10V / 0-20mAOperating Temparature-15 ~ +50 °C / 18~36V ACDCLoadcell Suppy5V DCPower Supply18~36V ACDC			
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Digital FilterSeçilebilir 10 Adımlı FiltreCalibrationYük kalibrasyonu, eCal, Katsayı, Tuşlarla veya Modbus ÜzerindenI/O Port4 adet optik izoleli giriş - 4 adet röle çıkışRS232/485 Port1200 ~ 115200 ayarlanabilir. Modbus RTU kullanılabilir.Analogue0-10V/0-20mAOperating Temparature-15 ~ +50 °C / 18~36V ACDCLoadcell Suppy5V DCPower Supply18~36V ACDC	16.000.000 iç sayım		
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RS232/485 Port1200 ~ 115200 ayarlanabilir. Modbus RTU kullanılabilir.Analogue0-10V/0-20mAOperating Temparature-15 ~ +50 °C / 18~36V ACDCLoadcell Suppy5V DCPower Supply18~36V ACDC	4 adet optik izoleli giriş - 4 adet röle çıkış		
Analogue0-10V/0-20mAOperating Temparature-15 ~ +50 °C / 18~36V ACDCLoadcell Suppy5V DCPower Supply18~36V ACDC	1200 ~ 115200 ayarlanabilir. Modbus RTU kullanılabilir.		
Operating Temparature-15 ~ +50 °C / 18~36V ACDCLoadcell Suppy5V DCPower Supply18~36V ACDC	0-10V / 0-20m A		
Loadcell Suppy 5VDC Power Supply 18~36V ACDC	-15 ~ +50 °C / 18~36V ACDC		
Power Supply 18~36V ACDC	5V DC		
	18~36V ACDC		
Box size 102x118x35mm	102x118x35mm		
Box size			

BBROSWEIGH BTR-2

Image

BROSWEIGH BIR-2 BROSWEIGH BIR-2 Bigital Weight Indicator Bigital Weight Indicator Bigital Weight Indicator Bigital Weight Indicator Features

- ✓ BTR-2 is a high performance panel type digital loadcell converter developed for industrial weighing applications.
- Provides stable measurement in vibrating environments with userselectable measurement-ratedigital-filter-algorithm.
- ✓ It can be easily adapted to PLC and other automation systems via built-in RS232/485 comm ports and Modbus protocol.

6 Dijit 14mm Kırmızı LED		
999.999		
4 Adet Tact Buton		
24 Bit Sigma Delta		
800 Hz		
1,25-2,5-5m V/V		
16.000.000 iç sayım		
Seçilebilir 10 Adımlı Filtre		
Yük kalibrasyonu, eCal, Katsayı, Tuşlarla veya Modbus Üzerinden		
4 adet optik izoleli giriş - 4 adet röle çıkış		
1200 ~ 115200 ayarlanabilir. Modbus RTU kullanılabilir.		
0-10V/0-20mA		
-15 ~ +50 °C / 18~36V ACDC		
5V DC		
18~36V ACDC		
72X72mm Plastik Kutu		



BROSWEIGH BCW, is designed to sort out the defective products from the products passing over the belt within the desired tolerance range. It is at your service with its 7 " or 10.4 " touch LED screen, Turkish +4 language options, and user-friendly interface.

Report tables can be easily followed with product and barcode identification options. With its all stainless steel body, BCW has food-grade conveyor belts and a modular structure. The brushless servo motors used in the system deliver constant torque at every speed, allowing stable weighing.

In addition to standard BCW models, project-specific production can be made according to product capacity and packaging dimensions.

Model	BCW-500	BCW-1000	BCW-5000	BCW-10000
Screen	7" - 10.4"	7"-10.4"	7"-10.4"	7"-10.4"
Max Speed	100ad/dk	75ad/dk	50/dk	50/dk
Capacity	500gr	1.000gr	5.000gr	10.000gr
Mechanical	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Sensitivity	1 gr	1gr	2gr	2gr
Band Speed	60mt/dk	30mt/dk	20mt/dk	20mt/dk
Band Width	240mm	240mm	240mm	240mm
Band Lenght	400+400+400mm	400+400+400mm	400+400+400mm	400+400+400mm
Protection	IP65	IP65	IP65	IP65
Ground Clearance	850+150mm	850+150mm	850+150mm	850+150mm
Engines	Servo	Servo	Servo	Servo
Power Supply	220VAC 50/60Hz	220VAC 50/60Hz	220VAC 50/60Hz	220VAC 50/60Hz
Power Consumption	100W	100W	100W	100W

BROSWEIGH BARCODE READER is specially designed for the control and sorting of barcoded products leaving the production line, the same or different product groups with defined tolerance weights, from a single line.

What makes this product special is that it recognizes different types of products defined in the system while passing through the line, and remembers and checks the tolerance specific to the recognized product.

BROSWEIGH METAL DETECTOR detects the smallest sizes of ferrous, nonferrous and other metals using digital signal processing technology.

Onboard data acquisition software via USB integration makes it an effective critical control point compliant with HACCP regulations.

BROSWEIGH LABELING MACHINE is designed for labelling the products that come out of BCW after being checked.

It designs the label by gathering data such as product name, weight, expiry date, batch number, unit and net price according to customer demand and sticks it on the product.



BROSWEIGH BWF, is designed for continuous feeding of powder and coarse materials for a specified time and amount. It is frequently used in mining enterprises, feed, cement, iron-steel factories, power plants that produce heat and electricity.

The working principle of the system is dosing the material in the bunker to the conveyor belt with the desired amount given by NPI-BW indicator. After weighing and calculating 3840 times per second, the NPI-BW indicator changes the speed of the AC driver driving the band, allowing the product to pass at the desired time and in the desired quantity.

The desired amount, instantaneous amount and total amount of material passing over the belt conveyor can be monitored in real time. Last 30 days' records are saved day by day. Via built-in comm ports, obtained values can be easily transferred to PLC/DCS systems. Communication can be done via Rs232, Rs485 and Modbus TCP.



BBROSWEIGH NPI-BS

Image

Features



- ✓ NPI-BS is a high performance belt scale weighing indicator designed for weighing bulk materials in powder or granular form transported on belt conveyor systems.
- ✓ The instantaneous amount and total amount of material passing over the belt conveyor can be monitored in real time. Last 30 days' records are saved day by day.
- Via the built-in communication ports, the measured values can be easily transferred to PLC/DCS systems.
- ✓ It is extremely easy to use thanks to its simple menu structure.
- By its internal PID algorithm, it delivers maximum performance in flow control applications.

Specifications

Specifications	BW-1000	BW-2000	BW-6000
Accuary Class	0.5 %	0.5 %	0.5 %
Flox (Max)	1000t/H	2000t/H	6000t/H
Belt Speed (Max)	3m/s	3m/s	3m/s
Capacity	10-100kg/mt	20-200kg/mt	100-550kg/mt
Band Angle (Max)	18°	18°	18°
Band Widh (Max)	800mm	1000mm	2000mm
Distance Between Rolls	500-1000mm	1000mm-1500mm	1500mm-2500mm

Technical Drawings



BROSWEIGH BBF / FIBC



Flexible Intermediate Bulk Container - FIBC (aka Big-Bag or Bulk-bag) are large sacks made of laminated or non-laminated fabrics woven from Polypropylene (PP) threads, with a carrying capacity of 500 kg to 2000 kg, for packaging, transport and storage of powder and granular products. BigBagler is preferred to ensure that processed or raw products are not exposed to any contamination during their shipment to the final packaging facility, and are transported in a clean and safe manner.



TARGET SECTORS

- · Agriculture Sector: Seeds, Grains, Animal feeds
- Food Sector: Sugar, Flour, Pulses.

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- Chemical Industry: Plastic Granules, Fertilizers.
- Mining Sector: Sand, Aggregate, Coal, Salt, Soda Powder
- Recycling: Biomass Pellets, Shredded Tires



Multi-purpose models allow multiple uses More economical than other packaging products it is compared to Saves money by reducing labor costs Allows you to use warehouse space effectively Can be custom designed according to product and customer needs Helps create a more sterile work environment



BBROSWEIGH BBF / FIBC Variations



BBF-H BIGBAG FILLING SYSTEM, has a mechanical setup where weighing bridge joints are being suspended. High precision filling is possible since there is only product weight on the bridge. Accuracy is 5‰ (five thousandths) of a full bag weight.

BBF-P BIGBAG FILLING SYSTEM, weighs on a platform where height can be adjusted with a screw shaft. Accuracy is 5‰ (five thousandths) of a full bag weight. Improves process accuracy and material utilization efficiency; eliminates rework and waste of material.





BBF-X BIGBAG WEIGHING SYSTEM is frequently used in applications requiring high volume. Weighing takes place in the collecting hopper. When the bunker reaches the target weight, the filling stops and the discharge into the bigbag starts automatically. When the big bag is full, the lower flap closes and whole process starts over. When the new bag is installed, the big bag filling process can be initiated without any delay because the bunker is pre-filled. So no time is wasted. It has a capacity of 30 tons/hour. Accuracy is 5‰ (five thousandths) of a full bag weight.



BAG HEIGHT ADJUSTMENT

In operations where bags with various heights are used, the bag holder can be adjusted with a hydraulic system on the HMI panel with 1mm precision.

SLIDING FILLER HEAD

by the center by moving the filler head on the horizontal axis.





BAG BLOWER

It is preferred to shorten the cycle times by flattening the folds on the bag and getting it ready to be filled rapidly.

CONTINUOUS INFLATION

It is preferred to be able to fill the bag evenly where optimum bag capacity and stability is a must.





FILLING PORT FLOW CONTROL VALVE

During the filling phase, it allows operator fill the bag in 3 different ways.

REPLACEABLE PORT THROTTLE

Preferred when various filling ports are used, the filling throttle can be easily dismounted & mounted before the operation.





FILLER NECK

The double-walled filling neck is designed to help load the material evenly in the bag and to prevent dusting whilst filling.

DUST SUCTION

Allows dust-free filling by absorbing the dust caused during filling via jet filter.





AUTOMATIC BAG DROP

In this option, 2 bag hooks (1 in the front and 1 in the back) release the bag in a controlled manner so that the bag does not collapse. Since the operator is in control, it prevents work accidents and product wastage that will occur when the bag is tilted to one side at the end of filling.

MANUAL BAG HOLD

Bag hold system can be selected manually or automatically as desired. In automatic option, the bag release time can be selected by the user or can be timed.





RIGID CONTAINER FILLING ADAPTER

In enables system to fill rigid containers such as barrels and containers without dusting. After filling, the lid of the filling container can be closed.



BROSWEIGH BIW, is used to measure flow rates of free-falling powder and granular materials. It is preferred where systems such as belt scales or silo weighing cannot be used (for example, recording the flow of process materials, inventory control, optimization of truck or wagon loading). Its compact dimensions allow for quick and easy installation. Thanks to the suspensions in the impact plate, material deposits do not occur and it always maintains the zero point of the scale.

Here's how it works: The material from the supply pipe falls onto a plate attached to the load cell. The falling material creates a force pulse on the plate that produces horizontal deflection. By taking the resultant of the forces hitting the plate, the flow rate is made to be read through the BWI Indicator and the instant flow rate & the total amount of material passed are recorded in the system.

Model	BIW-20	BIW-50	BIW-100	BIW-200
Flow (Max)	10-20 m³/h	30-50 m³/h	60-100 m³/h	125-200 m³/h
Accuary Class	1%	1%	1%	1%
RS232/485	Modbus RTU	Modbus RTU	Modbus RTU	Modbus RTU
Analogue	0-10V/0-20mA	0-10V/0-20mA	0-10V/0-20mA	0-10V/0-20mA
Operating Temparature	-15 ~ +50 °C			
Loadcell Supply	5V DC	5VDC	5V DC	5V DC
Power Supply	18~36V ACDC	18~36V ACDC	18~36V ACDC	18~36V ACDC
Protection	IP65	IP65	IP65	IP65



BROSWEIGH BHS, is used to measure free-falling powder and granular materials more accurately & continuously. During production, it ensures that the efficiency values are constantly kept under control without interrupting the production.

The operation of the system starts with the phase of filling the material to be weighed into the weighing pan. When the pan reaches the preset value, it is saved in the memory of the BWI Indicator and the discharge flaps open and the process starts over.

Model	BHS-100	BHS-150	BHS-200	BHS-300	BHS-500
Capacity	100t/h	10t/h	200t/h	300t/h	500t/h
Accuary Class	%0,2	%0,2	%0,2	%0,2	%0,2
RS232/485	Modbus RTU				
Analogue	0-10V/0-20mA	0-10V/0-20mA	0-10V/0-20mA	0-10V/0-20mA	0-10V/0-20mA
Operating Pressure	6-8 Bar				
Operating Temparature	-15 ~ +50 °C				
Loadcell Supply	5V DC				
Power Supply	18~36V ACDC				
Protection	IP65	IP65	IP65	IP65	IP65

BBROSWEIGH J-BOX SS

Image



Features

- ✓ BROSWEIGH Junction Boxes (J-Box) are preferred in systems where multiple loadcells are used for transmitting data to the indicator safely.
- There are models with 4, 6 and 8 outputs. Corner adjustments can be done easily thanks to the trimpods on it.
- BROSWEIGH Junction Boxes are designed for industrial environments and are suitable for dusty, humid and corrosive environmental conditions.

Loadcell Output Resistance Range	Ω	340 to 1100
Loadcell İnput Resistance Range	Ω	340 to 1100
Exctitaion Recommended Voltage	V(AC&DC)	5 to 15
Exctitaion Maximum Voltage	V(AC&DC)	20
Loadcell Sensitivty Range	m V/V	0,6 - 3
Correction method		Excitation Trim
Trimming Range		20 (±10)
Temparature Range Operation	°C	-40 ~ +65
Ingress Protection		IP65
Element Metarial		Stainless Steel



Technical Drawings & Charts



BBROSWEIGH J-BOX ABS

Image

Features



- ✓ BROSWEIGH Junction Boxes (J-Box) are preferred in systems where multiple loadcells are used for transmitting data to the indicator safely.
- There are models with 4, 6 and 8 outputs. Corner adjustments can be done easily thanks to the trimpods on it.
- BROSWEIGH Junction Boxes are designed for industrial environments and are suitable for dusty, humid and corrosive environmental conditions.

Ω	340 to 1100
Ω	340 to 1100
V(AC&DC)	5 to 20
V(AC&DC)	30
m V/V	0,6 - 3
	Excitation Trim
	20 (±4)
°C	-40 ~ +65
	IP65
	ABS
mm	5 to 6,2
	Ω Ω V(AC&DC) V(AC&DC) mV/V °C mm



Technical Drawings & Charts







LCB is PVC insulated and used for signal transmission in industrial applications. They can be easily applied in narrow spaces with their flexible structures in electronic control systems such as communication sector, electronic circuits, measuring instruments, machine designs, office machines, computer systems.

<u>LCB-X</u> has PVC insulation and braided screen is used for signal transmission in industrial applications. Shielding provides protection against electrical noise. It can be easily applied in narrow areas by its flexible structure in electronic control systems such as communication sector, electronic circuits, measuring instruments, machine designs, office machines, computer systems.



LPC-X, 0.6/1 kV galvanized steel wire armored power cables are used for electrical transmission in heavy conditions where mechanical strength against external factors is important. LPC-X can be permanently laid, buried in the ground, passed over or in the open.

LPC, 0.6/1 kV halogen free, flame retardant, single or multi core energy cables are used for electricity transmission. LPC can be permanently laid, buried, overhead or exposed.



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Image

Features

- ✓ 102mm 6-Digit RED Led
- ✓ RS232/RS485 Communication
- ✓ Date, Clock and Temprature Display
- ✓ Steel Body
- ✓ IP65
- Suitable for tank & silo weighing systems, truck & crane scales and other industrial weighing systems.

Specifications

6 Digit
999.999
9600 bps
-15 ~ +50 °C
AC 220V; 50Hz DC 24V
20W
Steel
660x150x30mm

<u>BW-HG</u> is a 102mm high, 6-digit, steel case external display designed for remote monitoring of measurement results of the systems such as truck scales, silo weighing systems, crane scales. It has RS232/RS485 communication capability and can be installed up to 200m away. BW-HG has a clear viewing distance up to 40 m and often preferred in industrial applications.



BBROSWEIGH BW-HY280

Image

Features



- ✓ Wireless handheld terminal
- ✓ Wireless communication
- ✓ Kg/t/klb unit options
- 🖌 ABS case
- ✓ IP65
- Suitable for crane scales & wireless dynamometers.

Specifications

192x64 Dot Matrix LCD
ka/t/lb/kN
Ky/VID/KIN
1/2/5/10/20/50/100
230x120x100
Şarj Edilebilir Batarya 7.4V/2500 mA
Opsiyonel
Yok
Wireless interface,434M~470MHZ
Σ-Δ24bit
-19.5mV~19.5mV
DC 5V
1~12
4 Wire
-10 °C ~40 °C
100 mt

HY280 is a wireless communication weighing indicator that allows remote control of the system in hard-to-reach application areas such as crane weighing systems and dynamometers. Information from the load cell is sent to the receiver. After the information received by the receiver is processed at 434 MHz, it is displayed on the LCD screen. It can also be sent to an external display or computer via RS232 connection.

Image

Features

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Specifications

Verification Class	1/30.000		
ADC	Δ-Σ Delta-Sigma 24 bits		
A/D Conversion Speed	10 times/second		
Resolution	1µV/e		
Loadcell Input Range	-19.5mV ~ +19.5mV input range		
Input Voltage	5V DC Max 150mA:		
Loadcell Count	Max 4 x 350Ω		
Connection Type	4 or 6 wires cable		
Communication	Wireless interface,434M~470MHZ		
Wireless Range	100m		
Dimensions	135x75x40mm		
Battery	7.4V/2500mA (Şarjlı Batarya)		
Operation Temp	-10C ~ 45C , 95%RH		

<u>AWT</u> consists of two modules, the receiver and the transmitter. It converts the wired connection between indicator and loadcell, to wireless. Depending on the environmental conditions, it has an wireless capability of 100 m outdoors.

BBROSWEIGH Etalon Weight

Image

Features

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- ✓ M1 Class Etalon Weight
- ✓ Cast material
- ✓ Turk-Ak certified
- 🖌 Housing box
- ✓ From 10kg to 1,000kg

Specifications

<u>Etalon</u> is accepted as the legal model for weight and length measures. It is class M1 and conforms to OIML R-111 standard.

BBROSWEIGH DYNAMOMETER

✓

Image



BROSWEIGH DYNAMOMETER is a tensionoperated system.

Features

- Weight information can be easily monitored on it's 25mm LED screen.
- ✓ It complies with the IP65 protection standard with the silicone seals used on the screen.
- ✓ It can preferably be controlled with RF Communicating hand terminal.
- Zero, Tare, Hold can be done via the Hand Terminal.
- ✓ BROSWEIGH Dynamometers are made of anodized aluminium up to 5 Ton Capacity, and special alloy steel for 10 tons and above capacities.
- ✓ Nickel coating protects against rust and corrosion.
- ✓ It works with 3 AA Alkaline batteries for an average of 40 hours on a single charge.

Capacity (kg)	Accuracy (kg)	Α	В	С	D	Q	Н	Material
1.000	0.5	245	95	48	190	43	335	Aluminium
2.000	1	245	95	48	190	43	335	Aluminium
3.000	1	245	95	48	190	51	365	Aluminium
5.000	2	285	101	48	210	58	405	Aluminium
10.000	5	320	114	48	230	92	535	Steel
20.000	10	420	125	70	260	127	660	Steel
30.000	10	420	138	80	280	146	740	Steel
50.000	20	465	150	100	305	184	930	Steel
100.000	50	570	190	142	366	229	1230	Steel

BBROSWEIGH OCS-K

Features



Capacity (kg)	Sensitivity (kg)	Metarial
1.000	0.5	Metal Body
3.000	1	Metal Body
5.000	2	Metal Body
10.000	5	Metal Body
15.000	10	Metal Body

B BROSWEIGH OCS-JE

Features

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Capacity (kg)	Sensitivity (kg)	Metarial
3.000	1	Metal Gövde
5.000	2	Metal Gövde
10.000	5	Metal Gövde

Image

Features



- ✓ BMR rail scales allow weighing the carcass meat on the rail, which comes to the end of the processing line, especially in factories such as slaughterhouses etc.
- ✓ It is integrated into the existing rail system. It is produced from stainless or hot-dip galvanized materials. Two BSB-SS series load cells are used in the system.
- ✓ Manual or Automatic Taring options are available.
- ✓ Integration with the SAP system can be achieved with the RS232/RS485 connection.
- ✓ It can be used up to 40 hours with a single charge.
- Printer and External Display (Optional) connection is available.

Specifications

Model	Sensitivity (kg)	Metarial
Brosweigh BMR-600	0,1	Stainless Steel
Brosweigh BMR-1000	0,5	Stainless Steel
Brosweigh BMR-1500	0,5	Stainless Steel
Brosweigh BMR-2000	1	Stainless Steel

Technical Drawings



Image	Features
	✓ BTP Pallet Truck Scale
V	✓ Manual or Automatic Taring options are available.
	✓ Integration with the SAP system can be achieved with the RS232/RS485 connection.
	 It can be used up to 40 hours with a single charge.
CE C	✓ Printer and stainless (optional) options are available.

Specifications

Model	Sensitivity (gr)	Capacity (kg)
BROSWEIGH BPT PALLET TRUCK SCALE	0,5	2.000
BROSWEIGH BPT PALLET TRUCK SCALE W/PRINTER	0,5	2.000
BROSWEIGH BPT PALLET TRUCK SCALE (STAINLESS STEEL)	0,5	2.000

Description

BPT Pallet Truck Scale has 4 steel load cells, cast pump, polyamide wheel, rubber coated handle, 20mm LCD display. For ease of maintenance, load cells are mounted with a 5mm thick steel enclosure and screwed from the top. It can be used up to 40 hours on a single charge. It is designed for industrial use. Printed and stainless options are available.

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BBROSWEIGH Industrial Scales



<u>BW-PB</u> is a floor scale with four load cells and fully electronic, designed for heavy industrial conditions. Various capacities and sizes, steel and stainless steel options are available. RS232 communication output is standard. If desired, barcode, thermal, dot matrix, ribbon printer can be connected.

<u>BW-RB</u> is a scale with four load cells and fully electronic, designed for heavy industrial conditions, providing entry and exit opportunities for wheeled vehicles. Various capacities and sizes, steel and stainless steel options are available. RS232 communication output is standard. If desired, barcode, thermal, dot matrix, ribbon printer can be connected.



<u>BW-SB</u> is a single load cell and fully electronic scales designed for heavy industrial conditions and used in precision weighing applications. Various capacities and sizes, steel and stainless steel options are available. RS232 communication output is standard. If desired, barcode, thermal, dot matrix ribbon, printer can be connected.



BBROSWEIGH Industrial Scales

MODEL	SIZE	CAPACITY	PRECISION
BROSWEIGH BW-GB FLUSH TYPE	120x120	600 ka	0.1-0.2 ka
BROSWEIGH BW-GB FLUSH TYPE	120x120	1.500 kg	0,2-0,5 kg
BROSWEIGH BW-GB FLUSH TYPE	120x150	600 kg	0,1-0,2 kg
BROSWEIGH BW-GB FLUSH TYPE	120x150	1.500 kg	0,2-0,5 kg
BROSWEIGH BW-GB FLUSH TYPE	150x150	1.500 kg	0,2-0,5 kg
BROSWEIGH BW-GB FLUSH TYPE	150x150	2.000 kg	0,5-1 kg
BROSWEIGH BW-GB FLUSH TYPE	150x150	3.000 kg	0,5-1 kg
BROSWEIGH BW-GB FLUSH TYPE	150x200	3.000 kg	0,5-1 kg
BROSWEIGH BW-GB FLUSH TYPE	200x200	3.000 kg	0,5-1 kg
BROSWEIGH BW-GB FLUSH TYPE	200x200	6.000 kg	1-2 kg
BROSWEIGH BW-GB FLUSH TYPE	200x300	3.000 kg	0,5-1 kg
MODEL	SIZE	CAPACITY	PRECISION
BROSWEIGH BW-PB PLATFORM TYPE	120x120	600 kg	0,1-0,2 kg
BROSWEIGH BW-PB PLATFORM TYPE	120x120	1.500 kg	0,2-0,5 kg
BROSWEIGH BW-PB PLATFORM TYPE	120x150	600 kg	0,1-0,2 kg
BROSWEIGH BW-PB PLATFORM TYPE	120x150	1.500 kg	0,2-0,5 kg
BROSWEIGH BW-PB PLATFORM TYPE	15 <mark>0x150</mark>	1.500 kg	0,2-0,5 kg
BROSWE <mark>IGH BW-P</mark> B PLATFORM TYPE	150x150	2.000 kg	0,5-1 kg
BROSWEIGH BW-PB PLATFORM TYPE	150x150	3.000 kg	0,5-1 kg
BROSWEIGH BW-PB PLATFORM TYPE	150x200	3.000 kg	0,5-1 kg
BROSWEIGH BW-PB PLATFORM TYPE	200x200	3.000 kg	0,5-1 kg
BROSWEIGH BW-PB PLATFORM TYPE	200x200	6.000 kg	1-2 kg
BROSWEIGH BW-PB PLATFORM TYPE	200x300	3.000 kg	0,5-1 kg
MODEL	SIZE	CAPACITY	PRECISION
BROSWEIGH BW-RB W/ RAMP	100x120	600 kg	0,1-0,2 kg
BROSWEİGH BW-RB W/ RAMP	100x120	1.500 kg	0,2-0,5 kg
		-	

BROSWEIGH BW-RB W/ RAMP 100x150 600 kg 0,1-0,2 kg BROSWEIGH BW-RB W/ RAMP 100x150 1.500 kg 0,2-0,5 kg BROSWEIGH BW-RB W/ RAMP 100x150 2.000 kg 0,5-1 kg BROSWEIGH BW-RB W/ RAMP 2.000 kg 0,5-1 kg 150x150

MODEL	SIZE	CAPACITY	PRECISION
BROSWEİGH BW-SB W/ RAMP	35x40	30 kg	0,01-0,02 kg
BROSWEİGH BW-SB W/ RAMP	40x50	60 kg	0,01-0,02 kg
BROSWEİGH BW-SB W/ RAMP	60x80	150 kg	0,02-0,05 kg
BROSWEİGH BW-SB W/ RAMP	60x80	300 kg	0,1-0,2 kg
BROSWEİGH BW-SB W/ RAMP	80x90	300 kg	0,1-0,2 kg
BROSWEİGH BW-SB W/ RAMP	80x90	600 kg	0,1-0,2 kg
BROSWEİGH BW-SB W/ RAMP	90x110	600 kg	0,1-0,2 kg
BROSWEİGH BW-SB W/ RAMP	90x110	600 kg	0,1-0,2 kg

Image

Features



- ✓ 5 ton Capacity
- ✓ Easy Installation
- ✓ Steel Case
- IP67 Protection
- 🗸 Termal Printer
- ✓ 3,5" LCD Screen
- ✓ Automatic Summary
- ✓ Class-II-III-IV Standards

Specifications

BROSWEIGH BFS is a forklift weighing system consisting of 2 weighing modules, a weighing trigger switch and a weighing indicator. BFS weighing modules are in universal sizes and are suitable for all brands and models. It can be easily applied to all models up to 5 tons capacity. Printer feature is standard.

Add-up Feature

As it calculates each weighing, it has the feature of showing the total weight after the last transport is finished.

Printer Feature

Outputs after each weighing. Thus, it allows you to stick the weight data on each pallet.





System Components



BBROSWEIGH Axle Scale



Specifications

Max Capa <mark>city (Emax)</mark>	t	5,10,20
Accuracy	kg	5
Units		Kg, t, lb ,kN
Wireless Frequency	Mhz	430 / 470
Connection		Wireless
Connection Range	m	60
Battery Lifetime	hour	50
İdeal Working Temprature	°C	-10 ~+40
Material		Aluminium
Ramp		Rubber
Dimensions	mm	700x500x40
Protection		IP66

Built-in rubber ramp prevents slipping. Ramp height is 4 cm only. Connection options are wireless or wired. External screen and printers can be connected. Ergonomic structure & aluminium body make it light-weight. Easy to carry by onbody handle.





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BBROSWEIGH Tank Weighing Systems



These are systems that allow continuous monitoring and remote monitoring of the amount of raw materials and products stored in the system by placing suitable load cells and mounting kits under the feet or ears of tanks, silos and reactors.

It provides healthy and reliable results in the follow-up of raw material quantities, proportional mixing and dosing processes, raw material stock follow-up, purchase-sale, loading and shipment processes in chemistry, petrochemistry, food, building materials, agriculture and many other sectors.

The system basically consists of load cells, suitable mounting kits, junction box and digital scale indicator. Control operations can be performed with the control outputs taken from the indicator, as well as serial communication and analog outputs, it can be integrated into the facility automation system when necessary.

Selecting the products suitable for the field conditions ensures that the system operates for many years without maintenance and reliably.



Frequently Used BROSWEIGH LoadCells;

- BROSWEIGH BSB C3 LOADCELL
- BROSWEIGH BKS C3 LOADCELL
- BROSWEIGH BSB-SS C3 LOADCELL
- BROSWEIGH BKS-SS C3 LOADCELL
- BROSWEIGH BKL-SS C3 LOADCELL
- BROSWEIGH BDS C3 LOADCELL
- BROSWEIGH BPL C3 LOADCELL

Frequently Used BROSWEIGH Digital Displays;

- BROSWEIGH BCI
- BROSWEIGH BTR-1
- BROSWEIGH BTR-2

Frequently Used BROSWEIGH Auxilary Accessories;

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- BROSWEIGH J-BOX
- BROSWEIGH B-HG
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