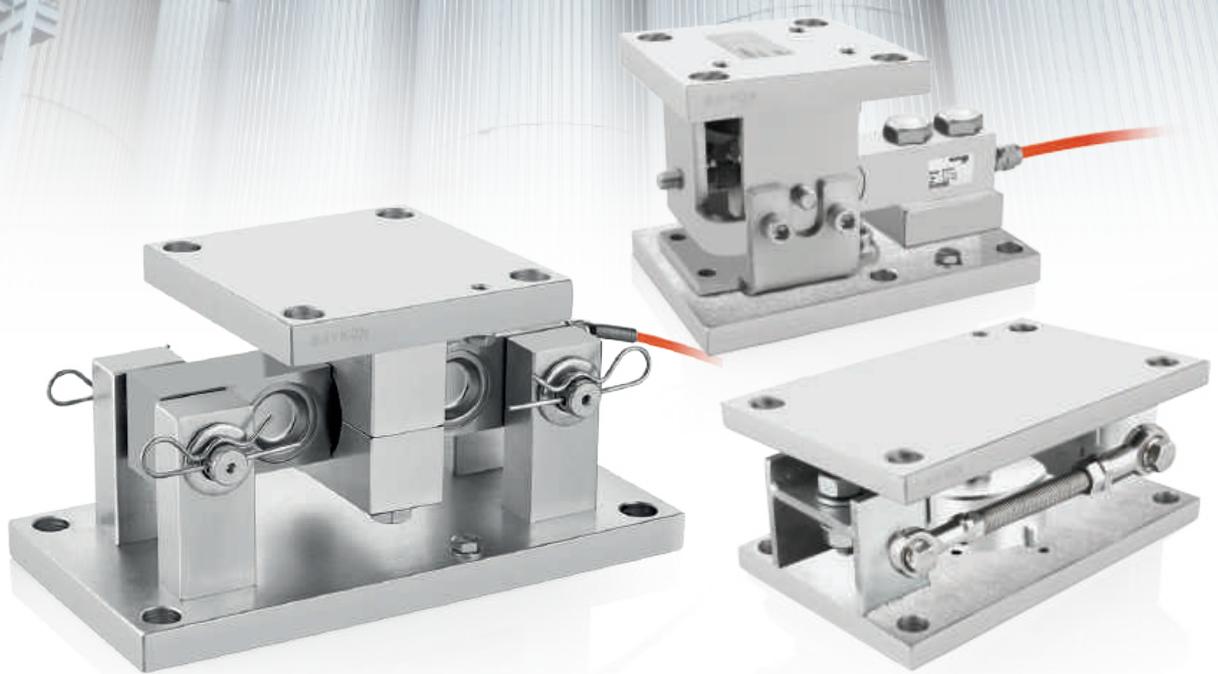




Next Generation Weighing Technology

More Reliable & Durable
Easy and Fast Installation



Load Cell Weigh Modules

BAYKON
Industrial Weighing Systems





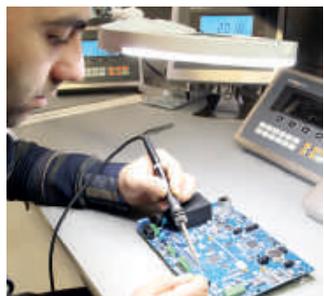
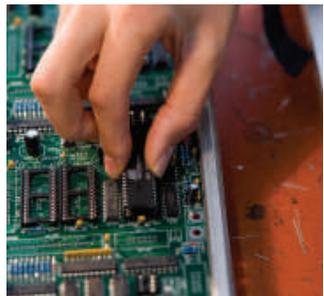
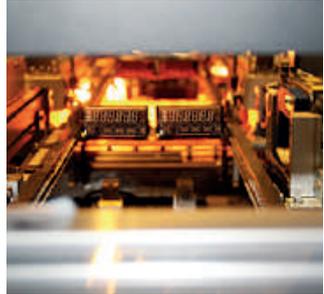
Sector leader...

BAYKON is one of the leading company in Global Industrial Weighing sector with;

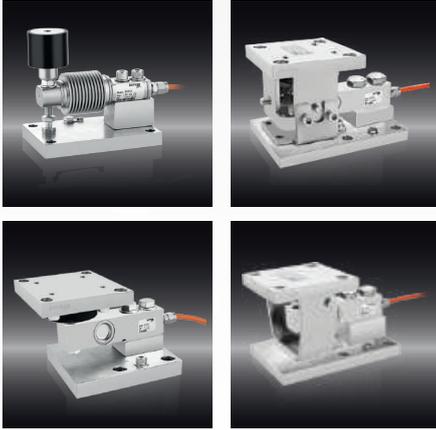
- ✓ Wide range products from basic weighing to advanced weighing solutions,
- ✓ Possessor of international accreditations and sectoral certificates,
- ✓ Trained and experienced professional manpower to support our business partners,
- ✓ Export more than 90 countries with Global experience.

Since 1987, industrial weighing instruments manufacturer BAYKON has built upon its reputation for product quality, international experience, technical innovation, fast and effective customer support.

We deliver weighing products that integrate productivity, compliance, quality and safety into your weighing applications and solutions. Our experienced and well trained team using the most up-to-date technology, develops and manufactures state of the art weighing instruments; our project team, as a solution provider, eliminates customers problems by developing innovative products and customized solutions.

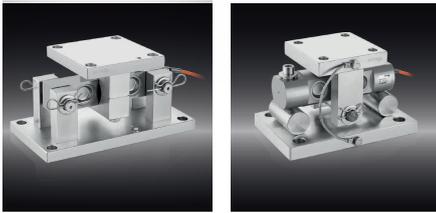


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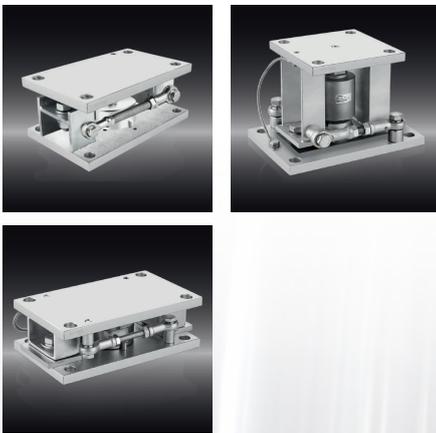
Weigh Module for Double Ended Types

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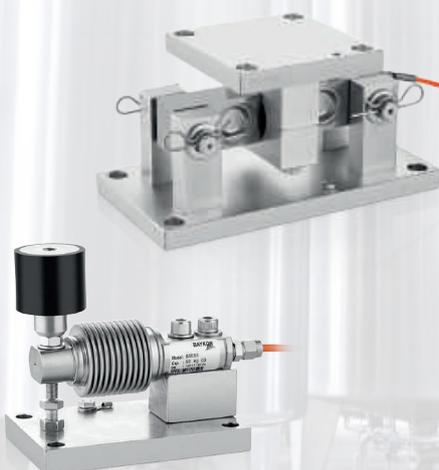
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LA66200C Weigh Module

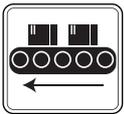
For Bellows Type Load Cells



Applications



Floor Scales



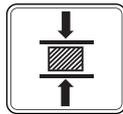
Conveyor Scales



Industrial Processes



Tank, Silo Bunker



Testing Machines

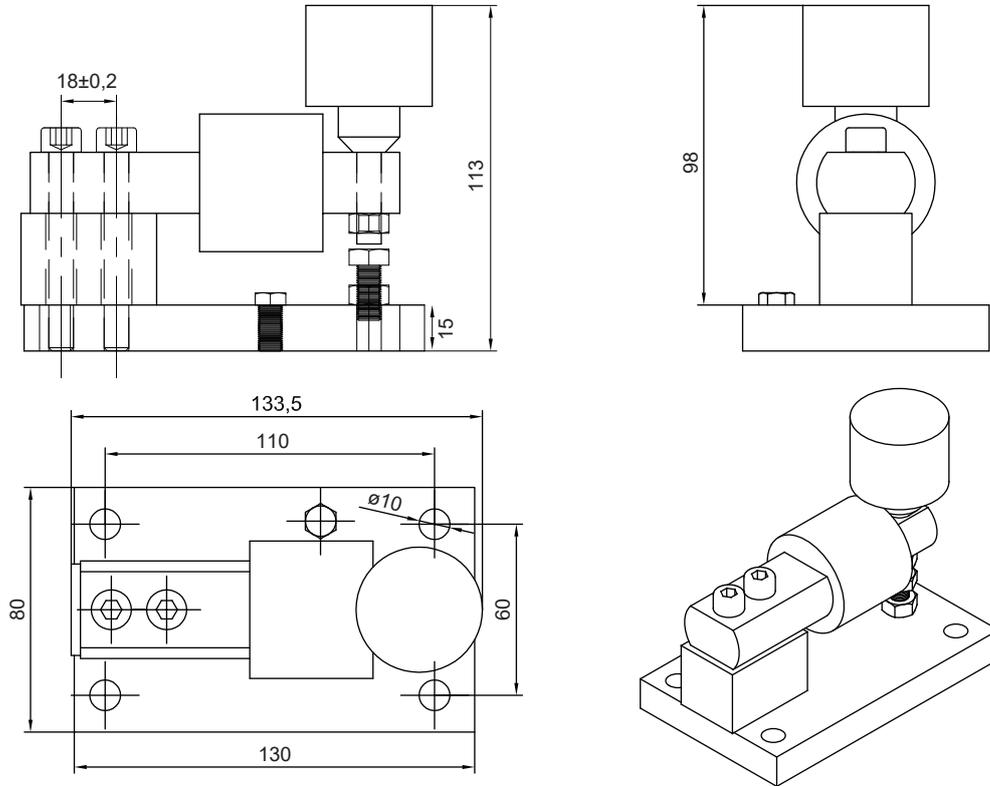
Key Features

- Capacity: Between 10 kg and 500 kg
- Easy to install and maintain
- Rubber adaptor absorbs shocks and vibrations
- Integrated overload protection
- Standard galvanized steel
- Stainless steel option

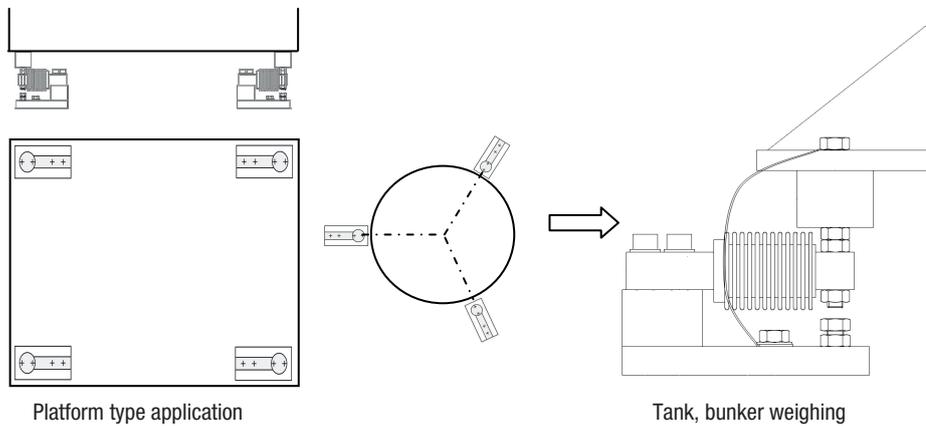
LA66200C weigh module is cost effective solution for low capacity weighing systems. Thanks to its support consisting of rubber with steel plates. Provides durable load introduction and shock absorption for bellows load cells. Provides safe operation with integrated overload protection.

Technical Specifications

Dimensions (mm)



Application

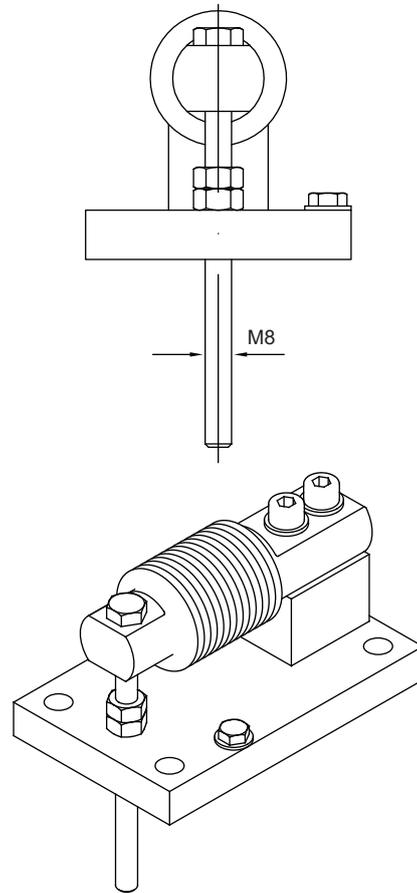
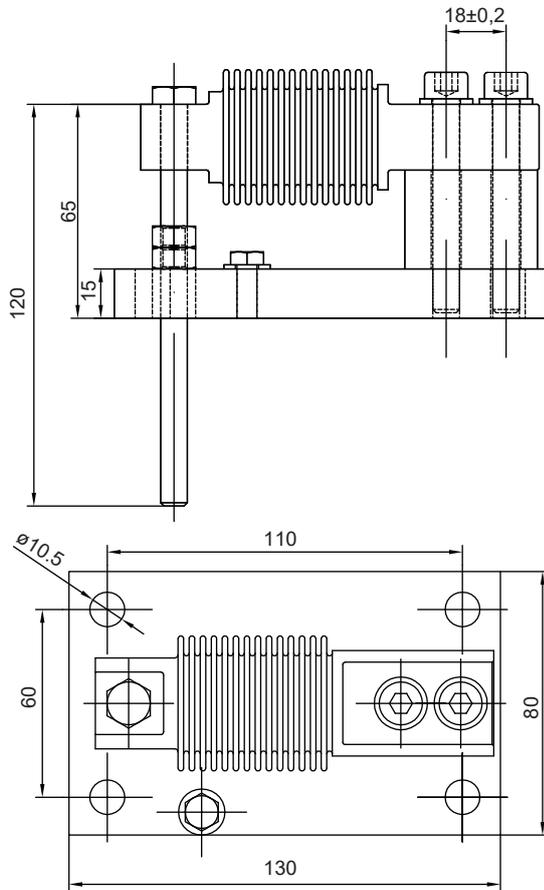


Load cells compatible with the kit

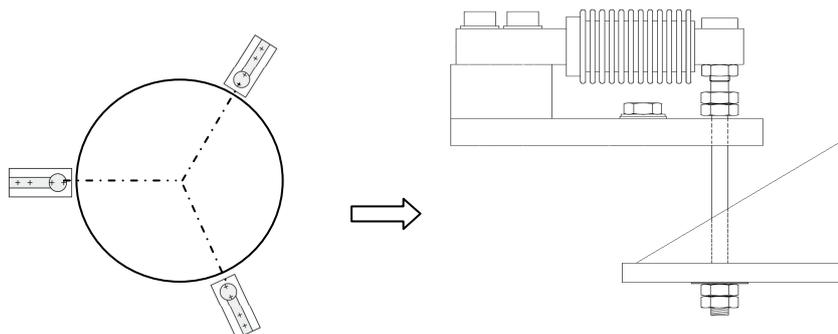
Compatible Load Cell Types	
Brand	Model
Baykon	BS555
Flintec	SB8
Vishay	355

Technical Specifications

Dimensions (mm)



Application



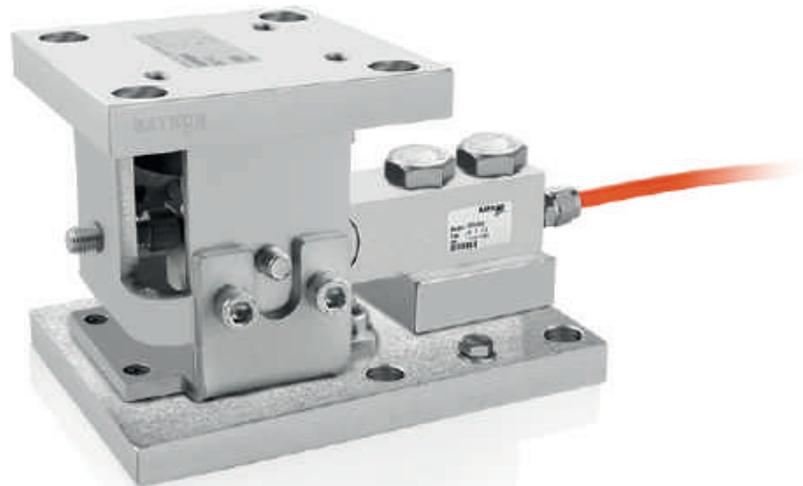
Tank, bunker weighing

Load cells compatible with the kit

Compatible Load Cell Types	
Brand	Model
Baykon	BS555
Mettler Toledo	MTB
Flintec	SB6 - SB8
Vishay	355

LEB / FL- RC - SP Weigh Module

For Beam Load Cells



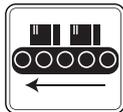
Applications



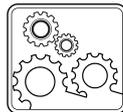
Tank & Silo



Floor Scales



Conveyor Scales



Industrial Processes

Key Features

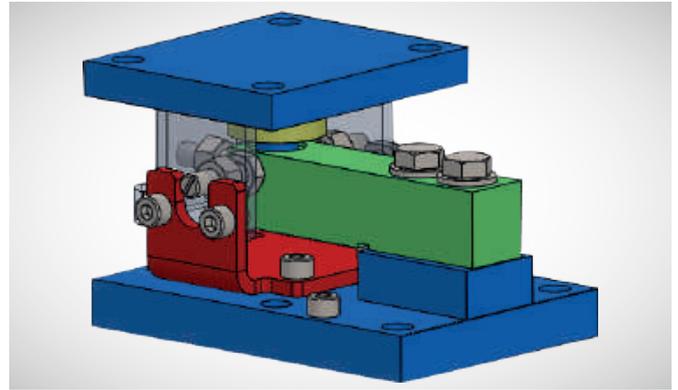
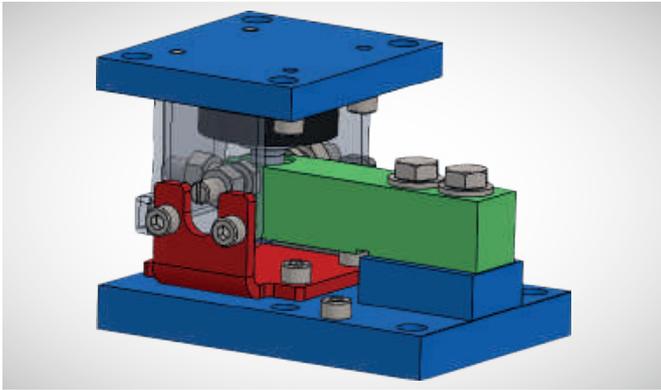
- Variants available for various operational and environmental conditions
- Installations without load cells.
- Easy load cell replacement
- Capacities from 100 kg to 5000 kg
- Integrated lift-up protection
- Painted, galvanized or 304/316 SS models
- PVC coated for acidic environments

Baykon LEB/FL-RC-SP weigh modules are designed for tank, silo, hopper and platform scales. Variants available to provide best weighing performance for different operational and environmental conditions such as highest accuracy demand, scales with very high speed mixer, over heated reactors and shock loading.

LEB/FL-RC-SP modules can be installed without load cell to protect load cell during montage and welding works. It offers very easy load cell replacement. Integrated lift-up protection is standard. Power coated, galvanized and stainless steel models are available. PVC coated models can be supplied for acidic corrosive environments

Variants For Different Operational And Environmental Conditions

LEB/FL-RC-SP have different designs for all type of environmental disturbances which affects weighing performance and accuracy such as dynamic forces created by mixers and motors, thermal expansion because of over heating, environmental vibrations, etc.




LEB/FL
Rubber element with flanch

Applications:
Provides perfect performance against high lateral dynamic forces created high speed mixers, conveyor motors and shock loading.



LEB/RC
Rocker pin

Applications:
Provides highest accuracy for tank, reactor and platform scales. It can be used with low speed mixer and motors with moderate lateral forces and low heated reactors.

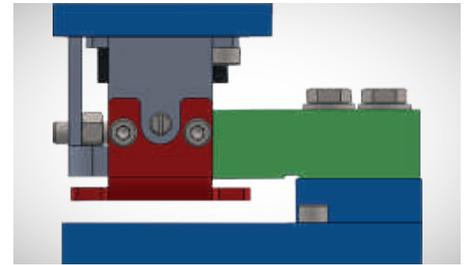
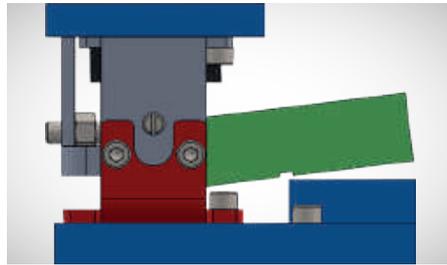
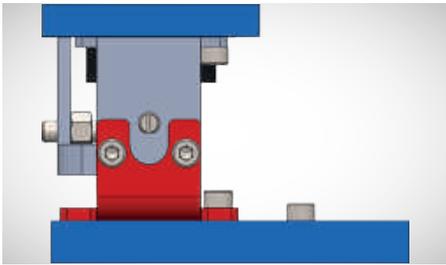


LEB/SP
Sliding pin

Applications:
Provides best performance for over heated reactors and platforms in the area having big temperature changes. It can be used with low speed mixer and motors with moderate lateral forces.

	LEB/FL	LEB/RC	LEB/SP
Weighing accuracy	High	Very High	High
Shock loading	High	Normal	Normal
Mixer speed	High	Low	Medium
Thermal expansion	Medium	Medium	Extreme
Lift-up protection	Standard	Standard	Standard
Bumpers up to 3D	Standard	Standard	Standard

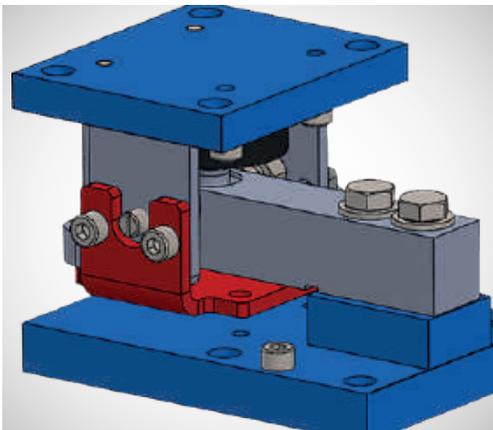
Installation Without Load Cell Easy Load Cell Replacement



Thanks to support plates enable installation without load cell. Load cell can be replaced easily without disassembling the module. Support plates are removed up to operate as lift-up parts.

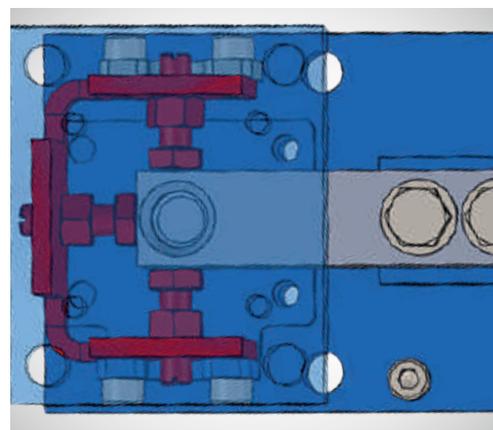
Integrated Lift-Up Protection

LEB/FL-RC-SP weigh modules have integrated lift-up protection for safety.



Integrated Bumpers up to 3 Directions

Integrated up to 3 bumpers to block lateral movement



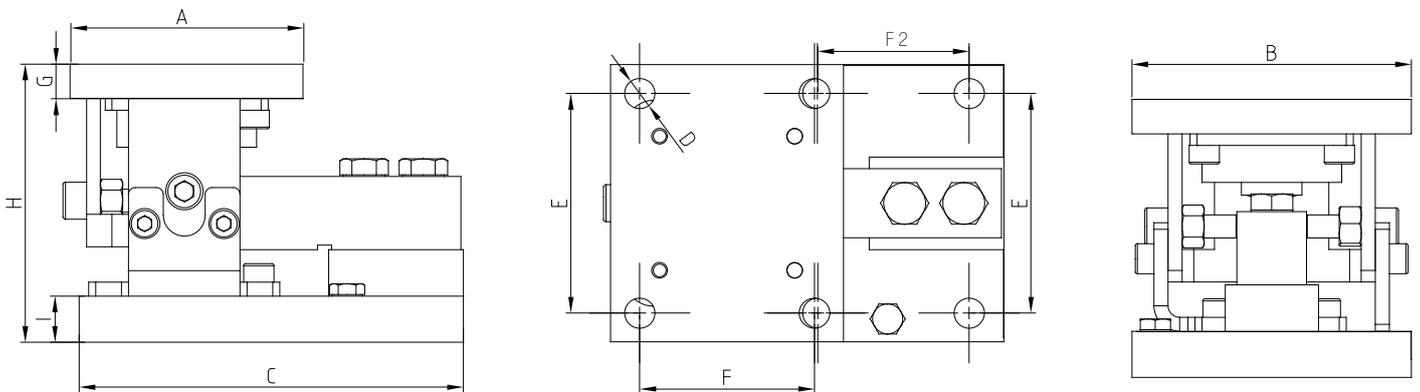
PVC Coated Module For Corrosive Acidic Areas

Optional PVC coated weigh modules are available for acidic corrosive environments where even stainless materials cannot be used.



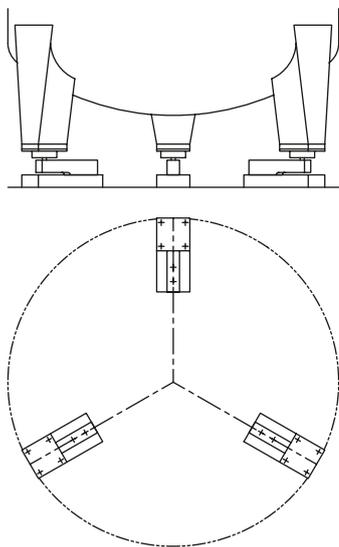
Technical Specifications

Dimensions (mm)

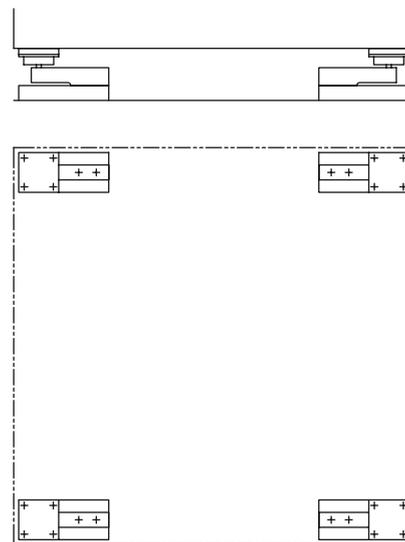


	A	B	C	D	E	F	F2	G	H	I
LEB FL 2	100	120	165	∅13	95	75	65	15	120±3	20
LEB FL 5 / 5L	140	150	220	∅17	120	110	90	20	152±1	20
LEB RC 2	100	120	165	∅13	95	75	65	15	110±3	20
LEB RC 5 / 5L	140	150	220	∅17	120	110	90	20	140±1	20
LEB SP 2	100	120	165	∅13	95	75	65	15	110±3	20
LEB SP 5 / 5L	140	150	220	∅17	120	110	90	20	140±1	20

Tank weighing system with 3 load cells



Platform scale with 4 load cells



Load cells compatible with LEB Weigh Modules

Capacities: 100kg ~ 5000kg	
Brand	Model
Baykon	BS063 / BS063S / BS063SD
Flintec	SLB, SB14, SB4, SB5
Vishay	3410, 3510, 3420

LEB/FT - FTM Weigh Module

For Beam Type Load Cell



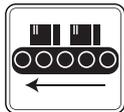
Applications



Tank & Silo



Floor Scales



Conveyor Scales



Industrial Processes

Key Features

- Low cost,
- Capacities from 100 kg up to 5000 kg,
- Integrated lift-up protection,
- Variants with ball foot and rubber with flange,
- Painted, galvanized and stainless steel models,
- PVC coated model for highly corrosive acidic environments.

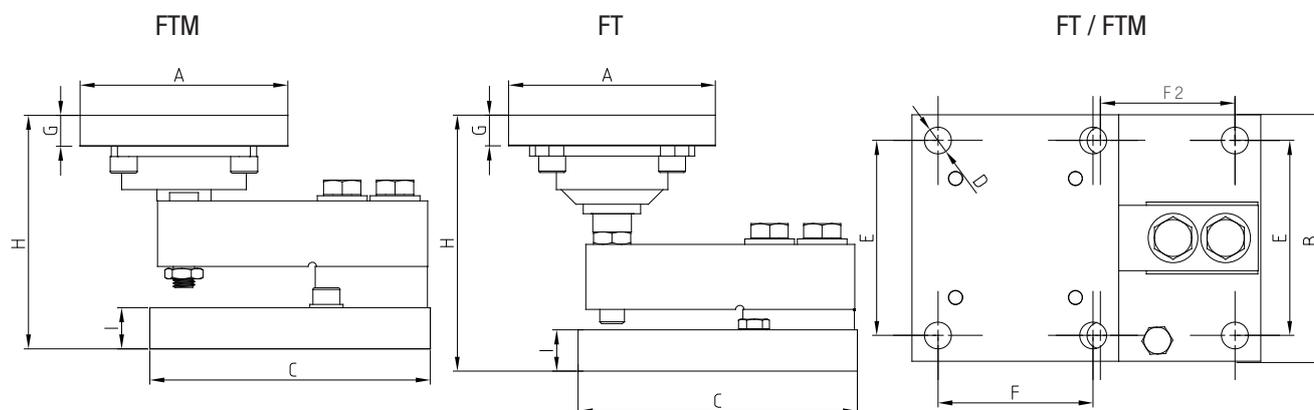
Baykon LEB/FT ball foot and LEB/FTM flanged rubber foot weigh modules are low cost weigh modules designed for tank, silo, hopper and platform scales.

LEB/FT is suitable for use in non-mixer applications and LEB/FTM low-speed mixer constructions, and both models have a self-integrated anti-lifting structure.

Painted, galvanized and stainless steel models and PVC coated models are available for extremely corrosive acidic environments.

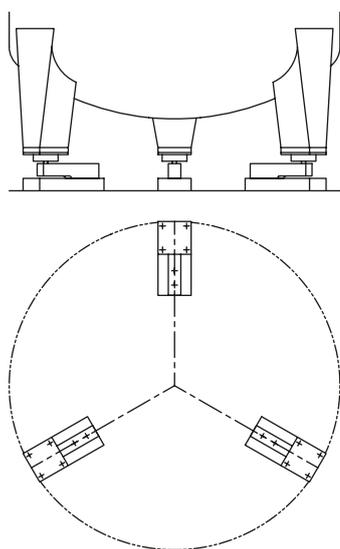
Technical Specifications

Dimensions (mm)

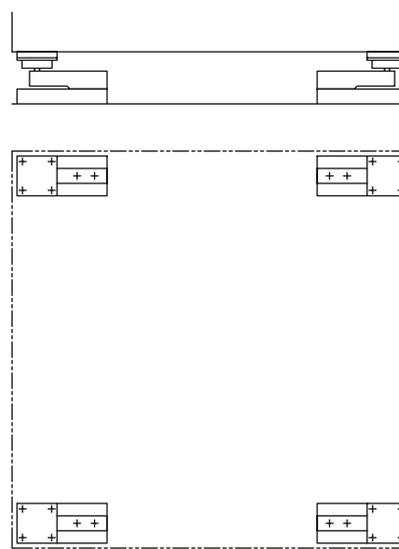


	A	B	C	D	E	F	F2	G	H	I
LEB FT 2	100	120	135	∅13	95	75	65	15	125 ⁺⁶ ₋₁	20
LEB FT 5	140	150	180	∅17	120	110	90	20	150 ⁺¹⁰ ₋₁	20
LEB FTM 2	100	120	135	∅13	95	75	65	15	115 ^{±1}	20
LEB FTM 5	140	150	180	∅17	120	110	90	20	140 ^{±1}	20

Tank weighing system with 3 load cells



Platform scale with 4 load cells

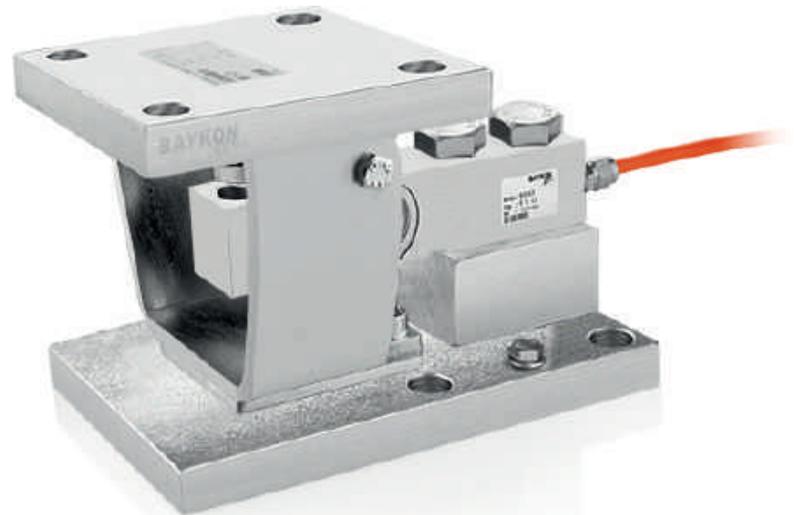


Load cells compatible with LAB Weigh Modules

Capacities: 100kg ~ 5000kg	
Brand	Model
Baykon	BS063 / BS063S / BS063SD
Flintec	SLB, SB14, SB4, SB5
Vishay	3410, 3510, 3420

LEB/RB Weigh Modules

For Beam Type Load Cell



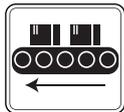
Applications



Tank & Silo



Floor Scales



Conveyor Scales



Industrial Processes

Key Features

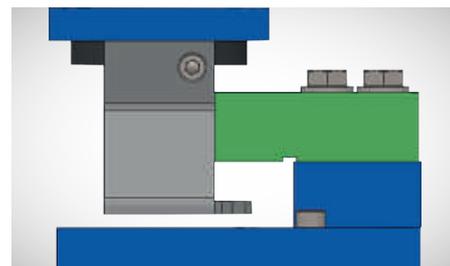
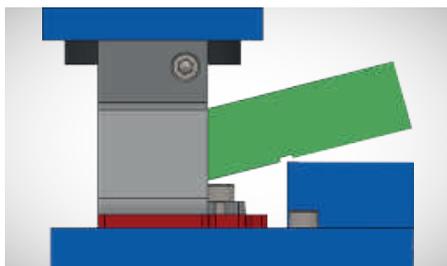
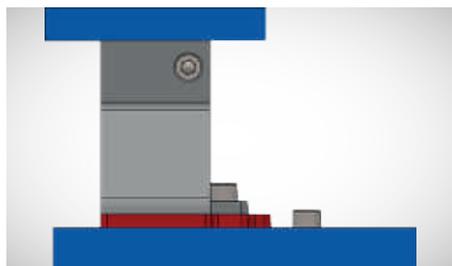
- Installation without load cell,
- Easy load cell replacement,
- Capacities from 100 kg up to 5000 kg,
- Integrated lift-up protection,
- High impact strength,
- Painted, galvanized and stainless steel models,
- PVC coated model for highly corrosive acidic environments.

Baykon LEB/RB Weighing Module is a module with high impact resistance for tank, silo, reactor, conveyor and platform scales.

The LEB/RB Weigh Module can be installed without a load cell. In this way, there is no risk of damage to the load cell during assembly and welding processes. Defective load cell can be replaced easily and quickly. It can be used in tanks with low speed mixer. It is in a structure with an obstacle to lift against the risk of overturning.

Painted, galvanized and stainless steel models and PVC coated models are available for extremely corrosive acidic environments.

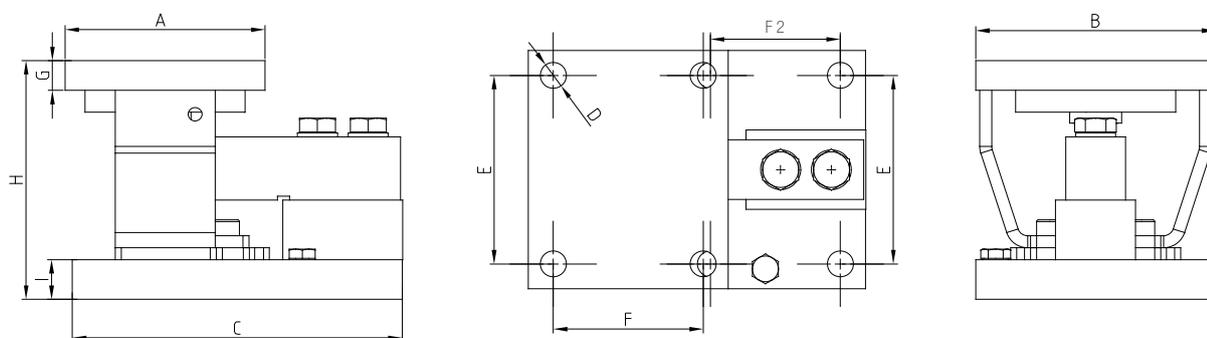
Installation Without Load Cell Easy Load Cell Replacement



Thanks to support plates enable installation without load cell. Load cell can be replaced easily without disassembling the module. Support plates are removed up to operate as lift-up parts.

Technical Specifications

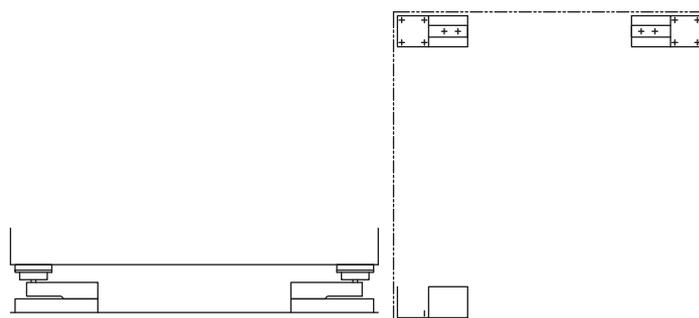
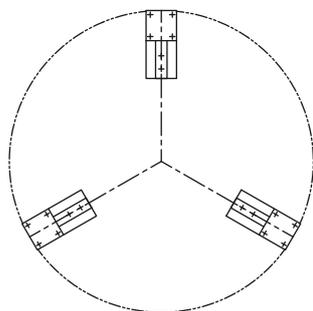
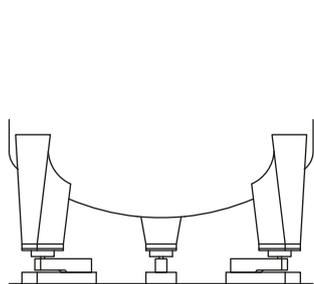
Dimensions (mm)



	A	B	C	D	E	F	F2	G	H	I
LEB RB 2	100	120	165	∅13	95	75	65	15	120±3	20
LEB RB 5 / 5L	140	150	220	∅17	120	110	90	20	151±1	20

Tank weighing system with 3 load cells

Platform scale with 4 load cells

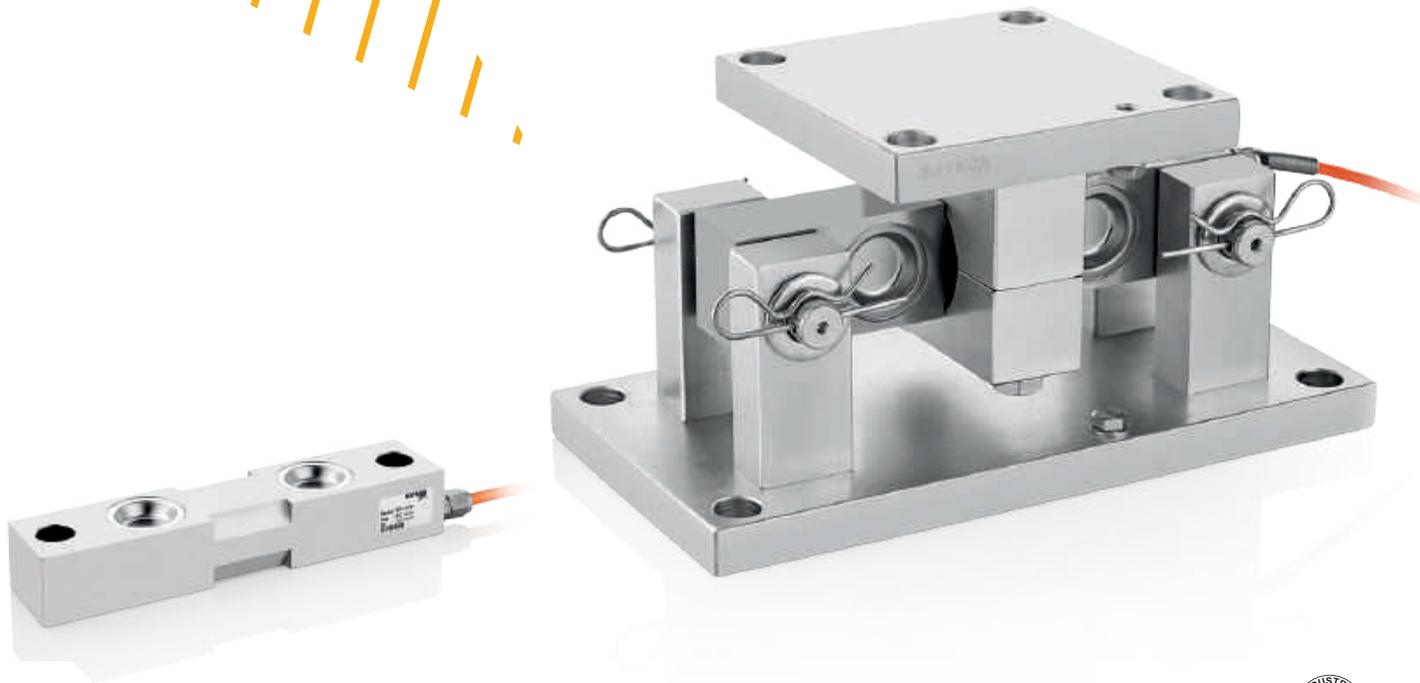


Load cells compatible with LAB Weigh Modules

Capacities: 100kg ~ 5000kg	
Brand	Model
Baykon	BS063 / BS063S / BS063SD
Flintec	SLB, SB14, SB4, SB5
Vishay	3410, 3510, 3420

LAD410 Weigh Module

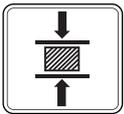
For Double Ended Type Load Cells



Applications



Tank & Silo



Testing
Machines



Industrial
Processes



High Capacity
Applications

Key Features

- Capacity range: 2-35 Klb (LAD410)
- Easy to install and maintain
- Easy and fast load cell replacement
- Lift-off protection for extra safety
- Design eliminating the need for tie rods and stay bars
- Standard galvanized steel
- Optional painted steel or stainless steel

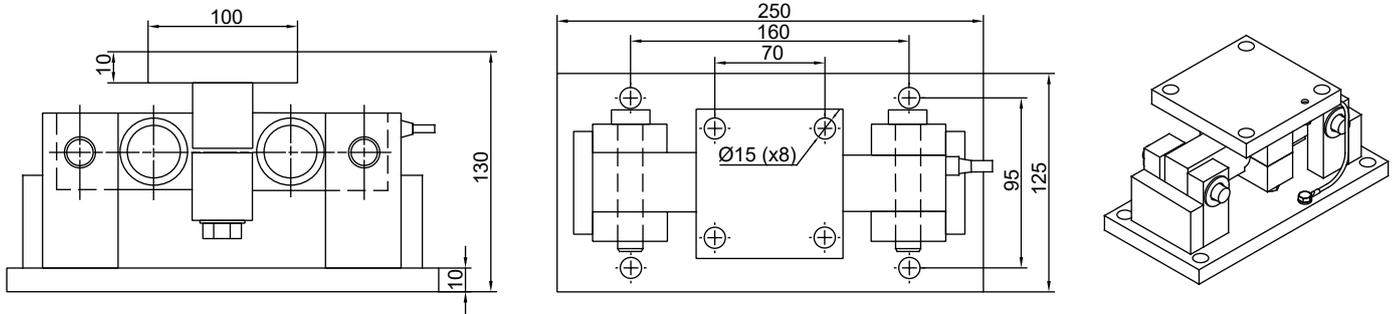
Model LAD410 Weigh module is designed for BD410 type double ended beam load cells. The rugged self-checking module allows thermal expansion and contraction of vessels due to sunlight exposure or internal vessel reactions. It offers perfect solution for tank / silo weighing systems.

It is designed to support a uniformly distributed load. It allows tilt in any direction up to a maximum of +/- 3°.

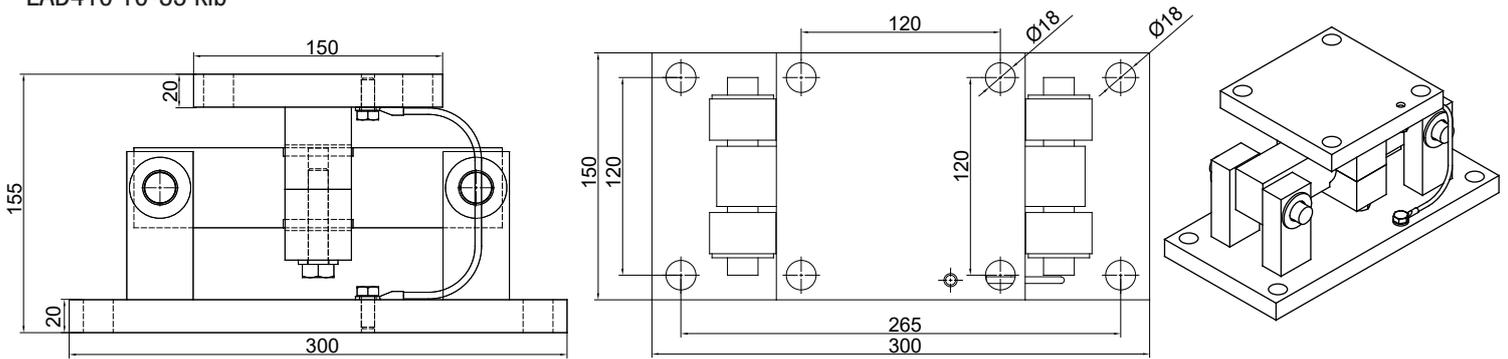
Technical Specifications

Dimensions (mm)

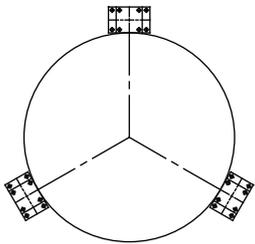
LAD410 2-5 klb



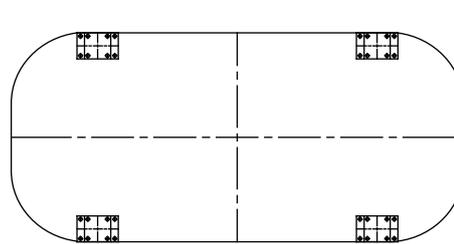
LAD410 10-35 klb



Application



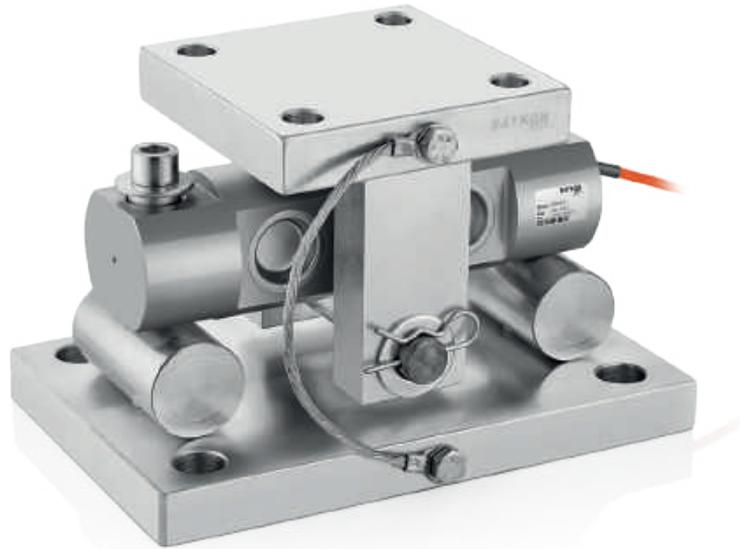
Circular Mounting



Rectangular or Square Mounting

LAD420 Weigh Module

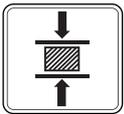
For Double Ended Type Load Cells



Applications



Tank & Silo



Testing
Machines



Industrial
Processes



High Capacity
Applications

Key Features

- Capacity range: 50-100 Kib (LAD420)
- Easy to install and maintain
- Easy and fast load cell replacement
- Lift-off protection for extra safety
- Eliminates the need for tie rods
- Standard galvanized steel
- Optional painted steel or stainless steel

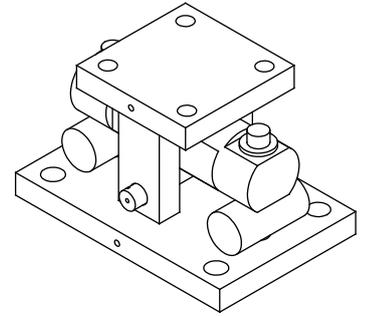
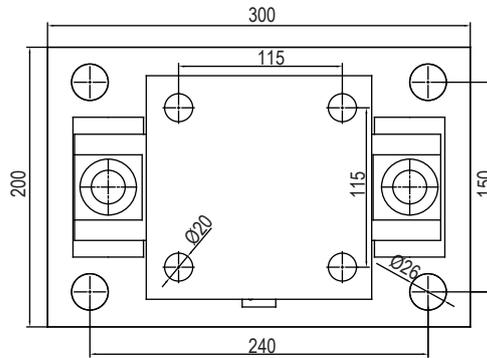
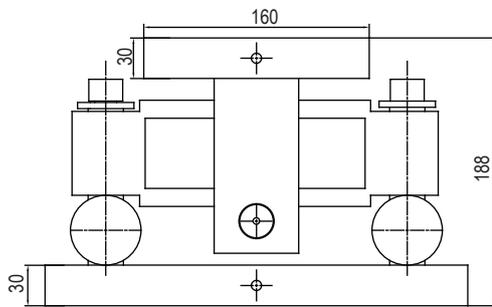
Model LAD420 weigh module is designed for BD420 type double ended beam load cells. The rugged self-checking module allows thermal expansion and contraction of vessels due to sunlight exposure or internal vessel reactions. It is perfect solution for tank / silo weighing systems.

It is designed to support a uniformly distributed load and will allow tilt in any direction up to a maximum of +/- 3°.

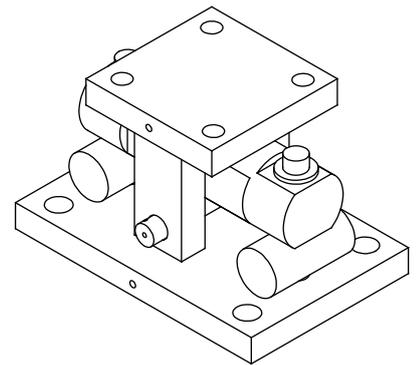
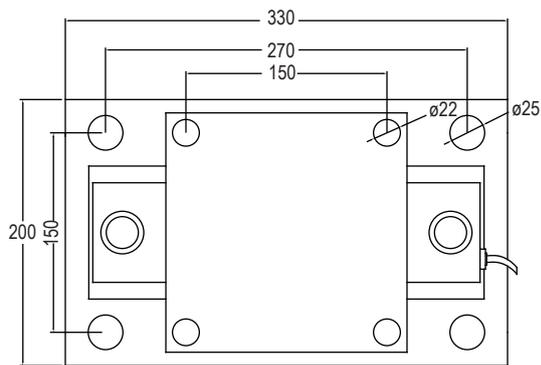
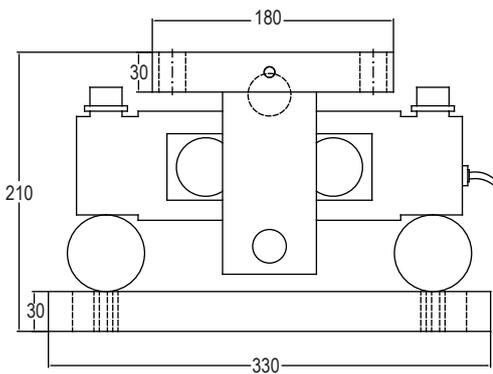
Technical Specifications

Dimensions (mm)

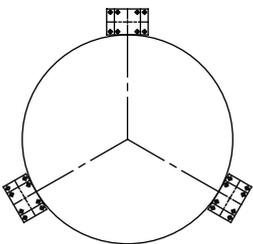
LAD420 50-70 klb



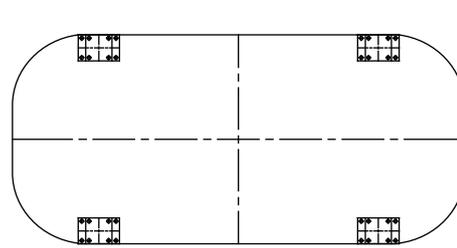
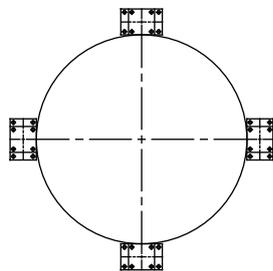
LAD420 100 klb



Application



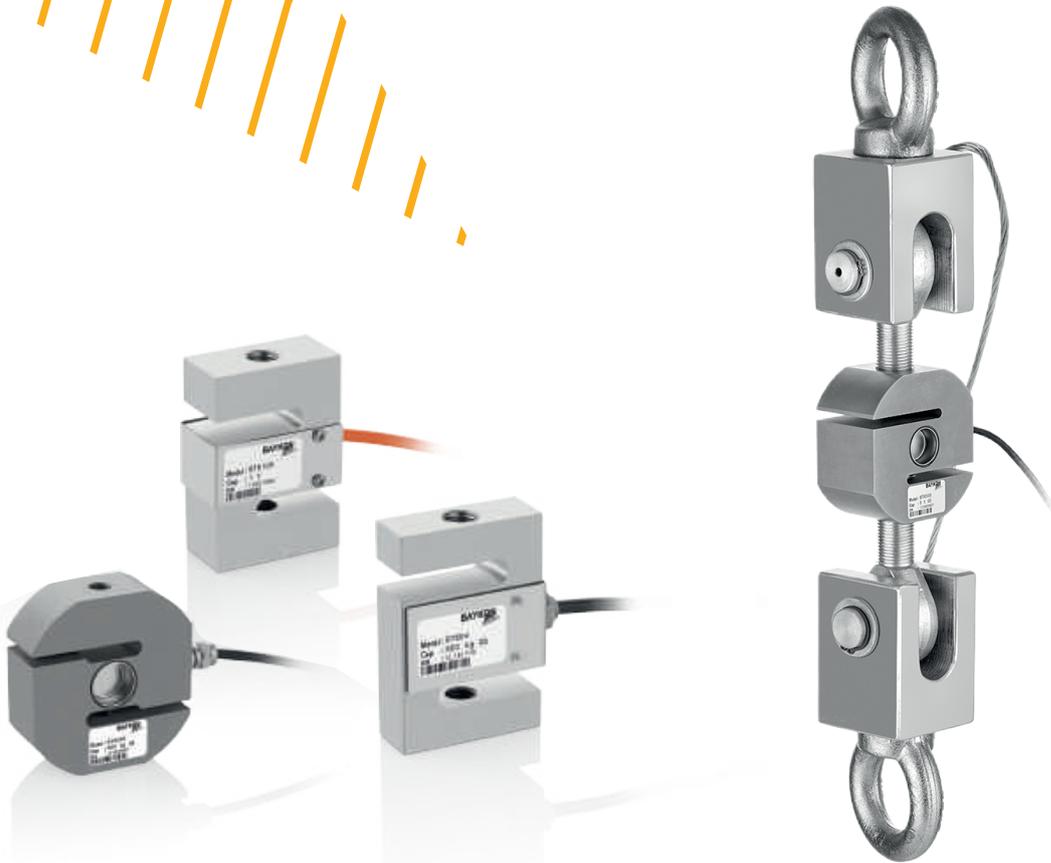
Circular Mounting



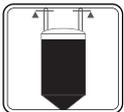
Rectangular or Square Mounting

LA5403 Weigh Module

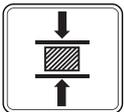
For Tension Types



Applications



Suspended Vessel



Testing Machines



Crane Scales



Industrial Processes

Key Features

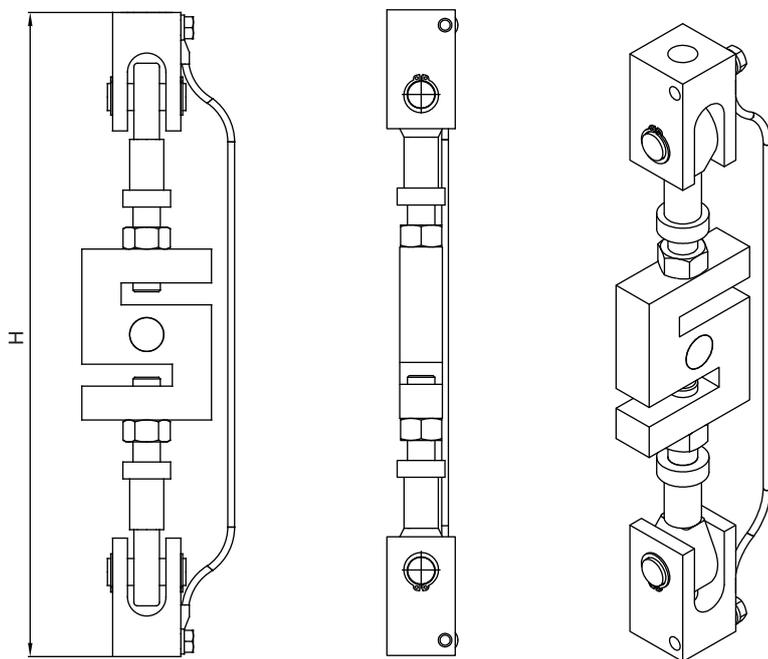
- Capacity: 100kg - 5 t
- Designed for S type load cells
- Easy to install and maintain
- Grounding cable with low resistance
- Standard galvanized steel
- Stainless steel option

LA5403 montage kit is designed for S type tension load cells. It provides excellent performance and accuracy for suspended tank and hoppers.

It is equipped with a pair of clevis and rod assemblies that provides easy installation in a variety of industrial weighing application and correct load alignment. The grounding cable connects the two clevis assemblies to protect the load cell from electrical currents.

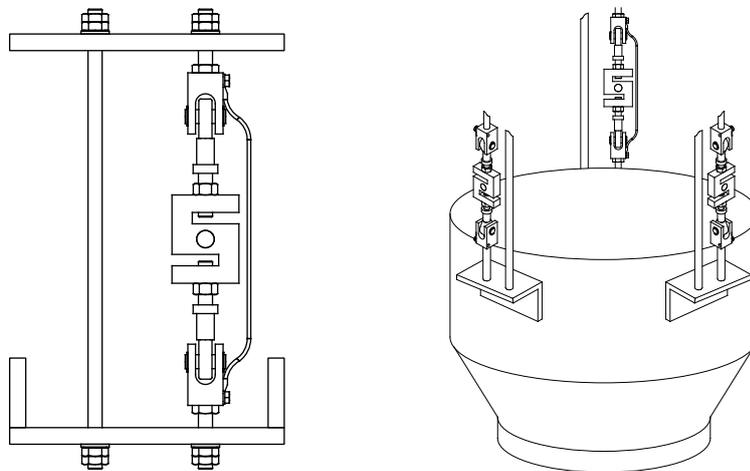
Technical Specifications

Dimensions (mm)



Model	Load cell	Capacity	H (mm)
LA5403 - A	BT610S	0.1 - 0.5 t	235
LA5403 - B	BT604	0.2 - 1 t	235
		2 - 5 t	310
LA5403 - C	BT630S	0.5 - 1 t	250
		2 - 3 t	300
		5 t	330

Application

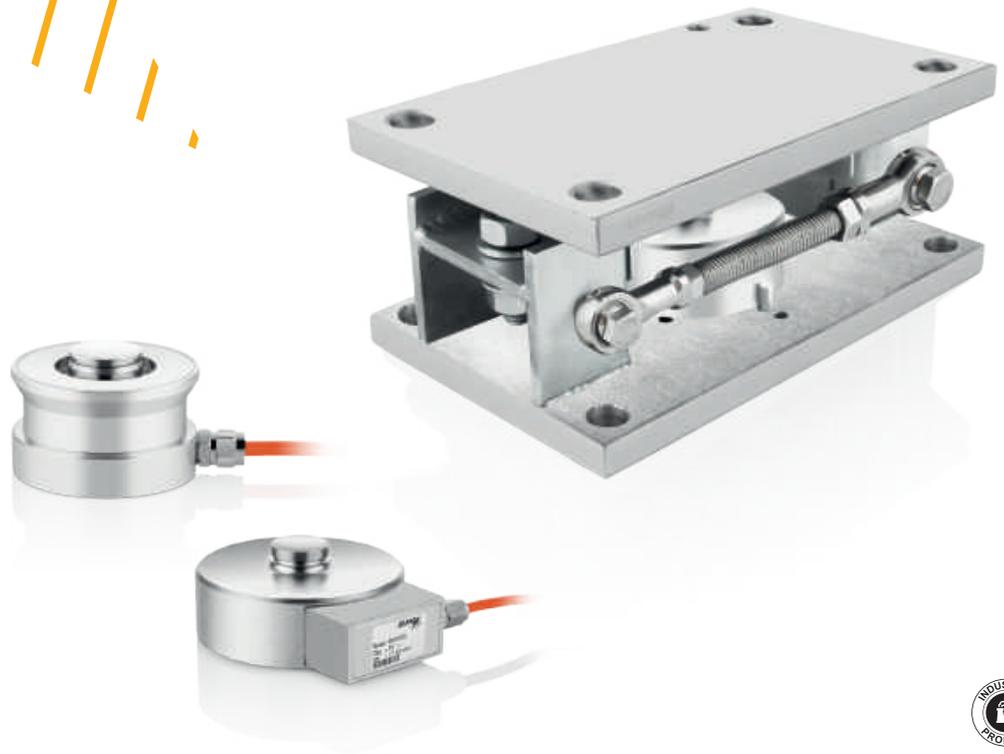


Load cells compatible with the kit

Compatible Load Cell Types	
Brand	Model
Baykon	BT604, BT610S, BT630S
Flintec	ULB, UB1, UB6
Vishay	614 / 615 / 616 / 619 / 620

LAC Weigh Module

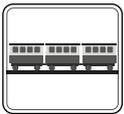
For Ring Type Load Cells



Applications



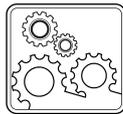
Tank & Silo



Railroad Truck Scales



High Capacity Applications



Industrial Processes

Key Features

- Capacities from 1t up to 47t.
- Allows installation without load cell.
- Easy and practical load cell replacement.
- Integrated lift up protection.
- Levelling plate provides protection against minor lateral forces.
- Optional FlexROD for extra safety if needed.
- Painted, galvanized steel models are standard.
- 304/316 quality stainless steel as option.

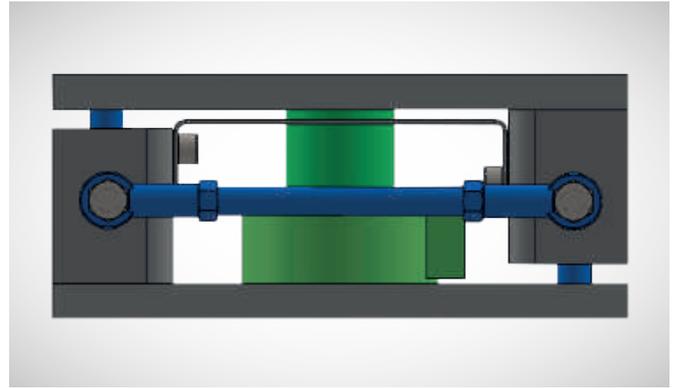
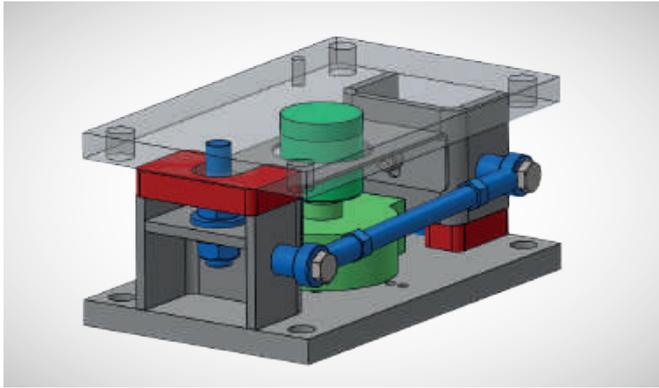
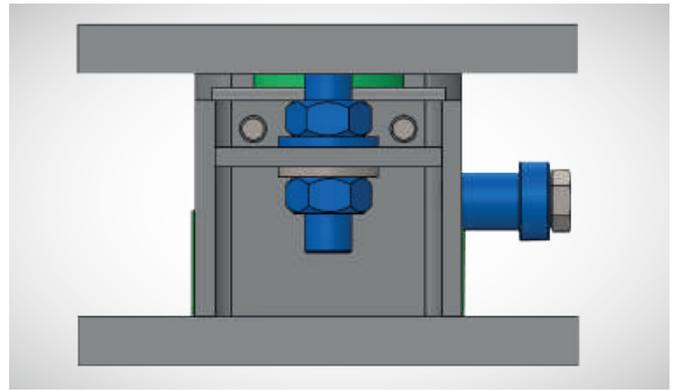
LAC weigh module is designed for tank, silo, reactor and conveyor scales. It is a low height design can be used ring type BR200S, BR110/110S load cells. Thanks to integrated anti-lifting mechanism allows safety installation without load cell to prevent load cell damage during installation and welding work. Levelling plate provides protection against minor lateral forces. However, FlexROD connection can be used when additional security is needed.

Anti-Lifting Bolts with Anti-Lifting Nuts and Fixing Nuts are used to lock module to install without load cell. After installation, locking nuts are taken to their proper positions. Levelling plate helps proper positioning of module. It also provides protection against minor lateral forces. LAC is available as painted, galvanized or 304/316 quality stainless steel types.

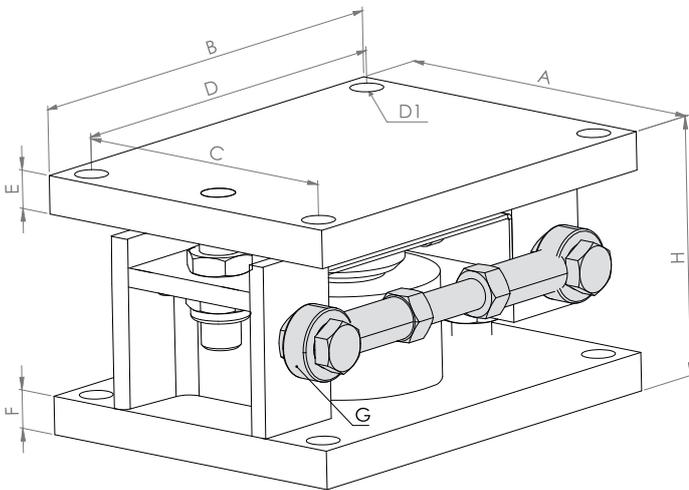
Installation without load cell

Anti-Lifting Bolts with Anti-Lifting Nuts and Locking Nuts are used to lock module to install without load cell. After installation, locking nuts are taken up and anti-lifting nuts is removed down about 2-3mm.

Levelling plate helps proper positioning of module. It is also affective against minor lateral forces. Additional FlexROD can be fastened against strong lateral forces for higher safety.



Dimensions (mm)



LAC110	1-4.7t	10-15-22t	33t	47t
LAC200	-	5-10-15-20t	-	-
A	150	150	180	220
B	240	240	300	380
C	120	120	150	180
D	210	210	270	340
E	15	15	20	20
F	15	15	20	20
G	M12	M12	M16	M16
H	103-110	103-110	135-145	155-170
D1	ø15	ø15	ø17	ø21

Load cells compatible with LAC Weigh Modules

Capacities: 1000 ~ 47000 kg

Brand	Model
Baykon	BR110 / BR110S / BR200S

LARC3SW Weigh Module

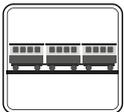
For Compression Type Load Cells



Applications



Tank & Silo



Railroad Truck Scales



High Capacity Applications



Industrial Processes

Key Features

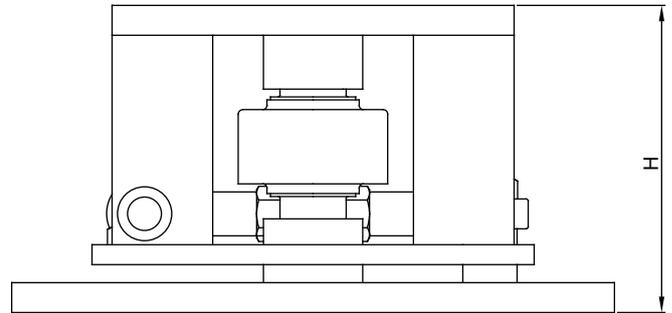
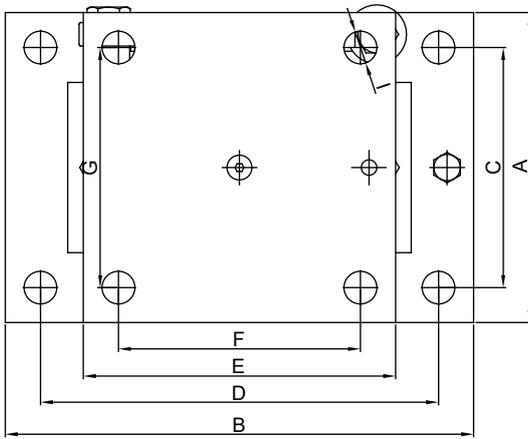
- Capacities: 7.5t / 15t / 22.5t / 30t
- Easy to install and maintain
- Safe installation without load cells
- Optional single or dual check link integration
- Integrated lift-off protection
- Standard galvanized steel
- Optional stainless steel

BAYKON LARC3SW weigh module is designed for column type load cells up to 30t capacities. Their typical features are low profile design, balanced load transfer, built-in lateral movement control and integrated lift-off protection.

Lateral movement to all direction is blocked. Up to two optional stabilizers can be added to weigh module to stabilize weighing against swinging, rotational torque or for in-motion weighing. LARC3SW offers perfect solution especially for tanks, silos, high capacity conveyor scales.

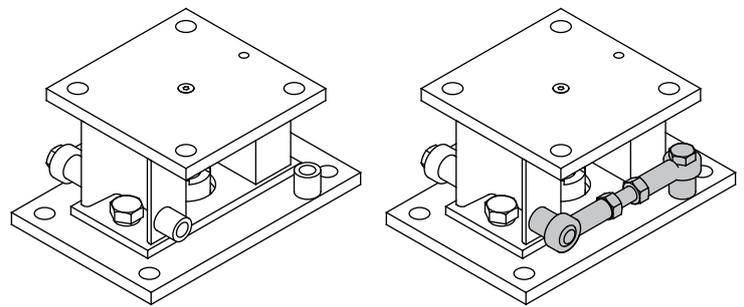
Technical Specifications

Dimensions (mm)



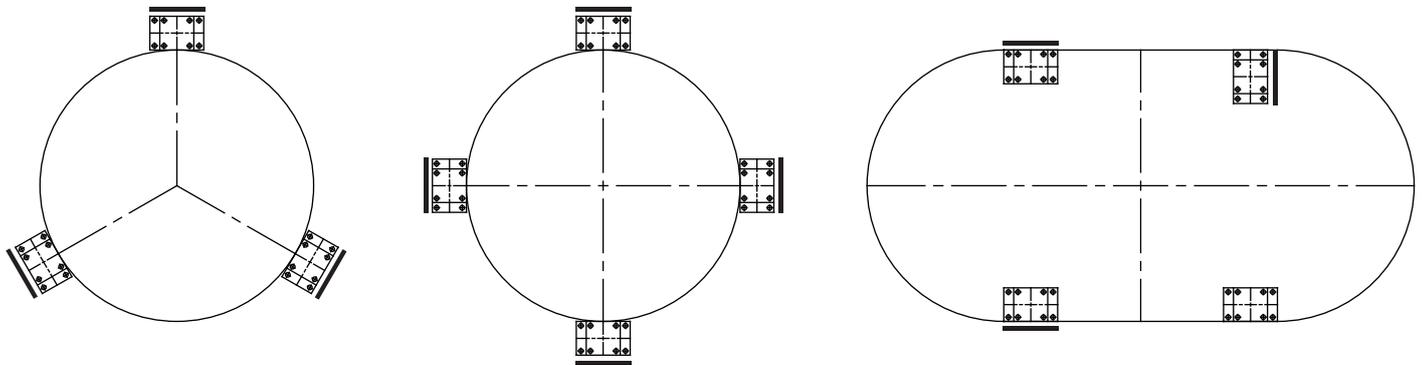
LARC3SW Mounting Kit

Cap. (t)	A	B	C	D	E	F	G	H	I
7.5 - 15 t	200	300	155	255	200	155	155	153	ø22
22.5 - t	200	300	155	255	200	155	155	164	ø22
30 t	200	300	155	255	200	155	155	210	ø22



WS (With Stabilizer Option)

Application



— : WS (With Stabilizer Option)

Load cells compatible with the kit

Model
Flintec RC3 7.5 t
Flintec RC3 15 t
Flintec RC3 22.5 t
Flintec RC3 30 t

LARLC Weigh Module

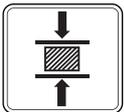
For Compression Type Load Cells



Applications



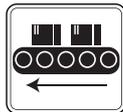
Tank & Silo



Testing Machines



Floor Scales



Conveyor Scales



Industrial Processes

Key Features

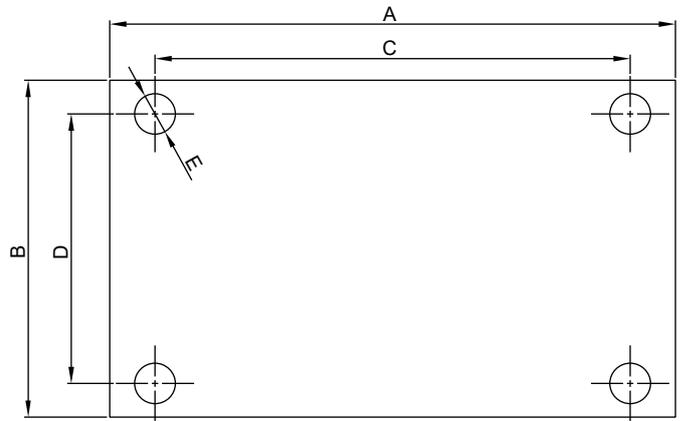
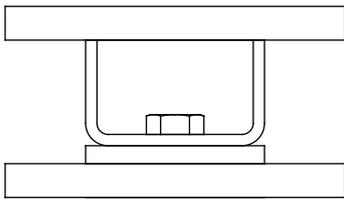
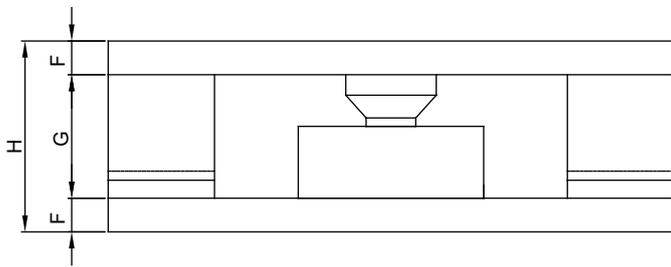
- Capacities: 2t / 3,5t / 5t / 10t / 28t
- Easy to install and maintain
- Lift-off protection for extra safety
- Built-in lateral movement control
- Easy load cell replacement after installation
- Up to two optional stabilizers
- Standard galvanized steel
- Optional stainless steel

BAYKON LARLC weigh module is designed for Vishay RLC type load cells up to 28t capacity. Their typical features are low profile design, balanced load transfer, built-in lateral movement control and integrated lift-off protection.

Up to two optional stabilizers can be added to each weigh module to stabilize a scale subject to swinging, rotational torque or for in-motion weighing. LARLC offers perfect solution especially to use in mixer liquid tanks, high capacity conveyor and silo scale.

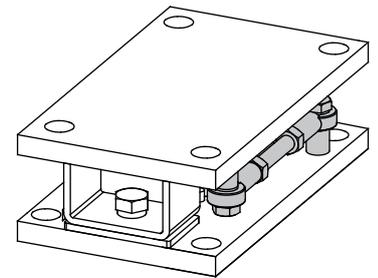
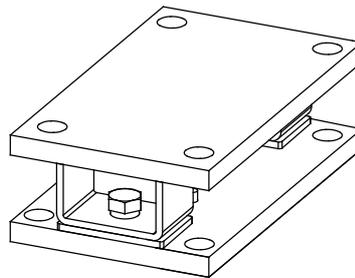
Technical Specifications

Dimensions (mm)



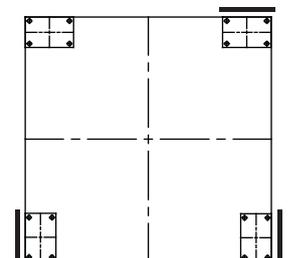
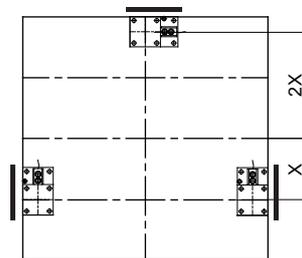
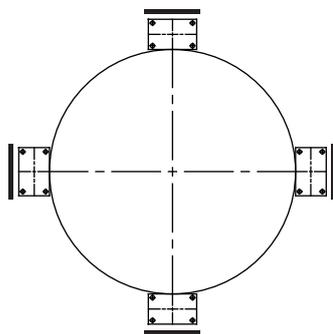
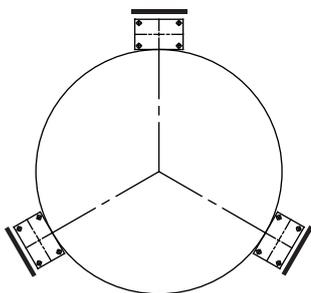
LARLC Mounting Kit

Cap. (t)	A	B	C	D	E	F	G	H
0.25 - 1 t	250	150	210	120	∅18	15	55	85
2 - 10 t	250	150	210	120	∅18	15	55	85
28 t	250	160	210	120	∅18	20	68	108



WS (With Stabilizer Option)

Application

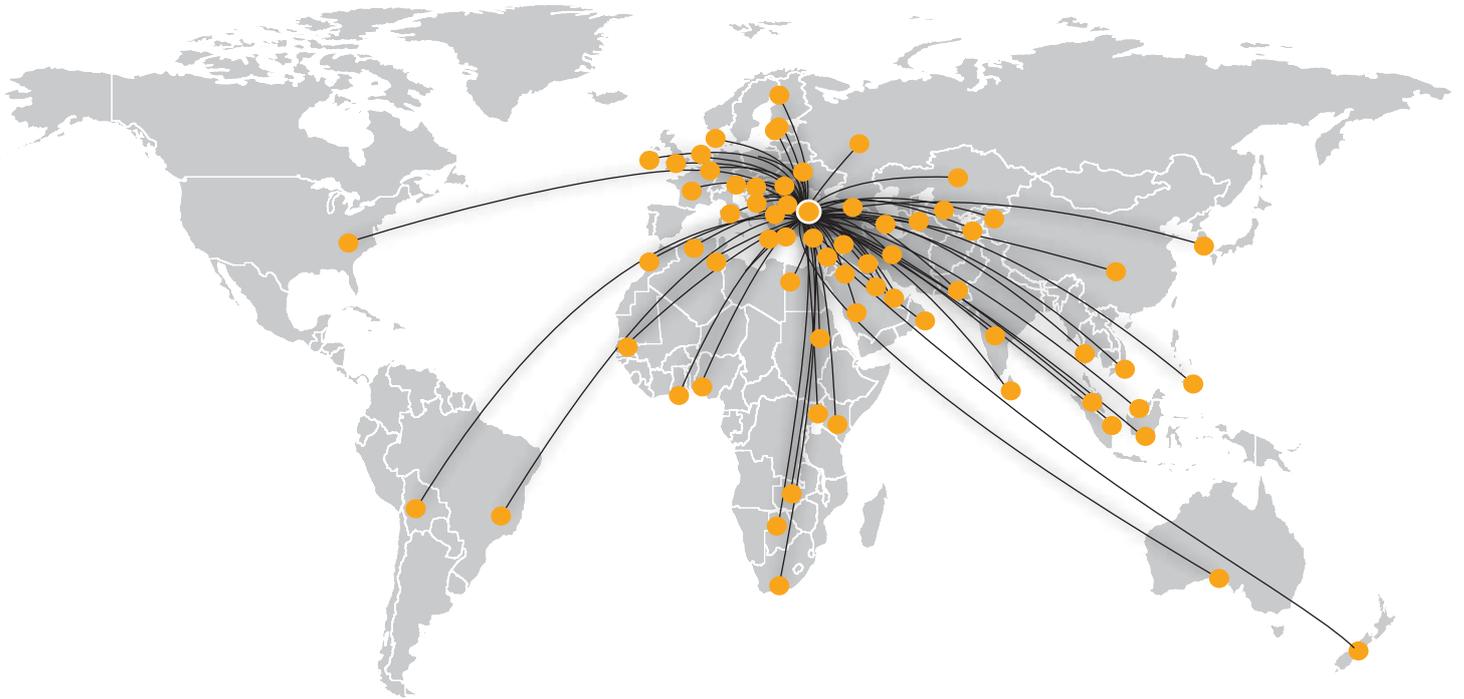


— : WS (With Stabilizer Option)



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(Specifications are subject to change without notice. 01.06.2022)

HEAD OFFICE

📍 Tuzla Kimya Sanayicileri O.S.B
Organik Cad. No:31 34953
Tuzla / Istanbul / TURKEY
☎ +90 216 593 26 30
✉ info@baykon.com

WEST ANATOLIA

📍 35620 İzmir / TURKEY
☎ +90 232 469 97 91

SOUTH ANATOLIA

📍 33090 Mersin / TURKEY
☎ +90 324 238 24 36

NEDERLAND

📍 Moststraat 5A, 4884JE
Wernhout / NEDERLAND
☎ +31 762 043 169
✉ info@baykon.nl

GERMANY

📍 D 3, 2 D-68159
Mannheim / GERMANY
☎ +49 621 129 53 77
✉ kontakt.de@baykon.com

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Industrial Weighing Systems

