

Right-the-First-Time Integration

Safe, Accurate, Smart



No Compromise on Safety

SWC615-A PowerMount™ weigh modules do not compromise on safety. Anti-uplift, downstop protection and 360° checking are incorporated in the weigh module design to prevent damage in case of accidents.



Effortless Installation

SWC615-A PowerMount™ ensures proper scale system installation, right from the start. Service features, including SafeLock™, provide easy and trouble-free setup. The weigh modules are also designed for dynamic-loading applications such as conveyors, mixers and blenders.



Smart Load Cells

POWERCELL® load cells have a rocker-pin design that automatically aligns load forces for accurate weighing. These hermetically sealed load cells are rated IP68/IP69K and can be used in all environments. The load cells are easy to inspect or replace and provide proactive alerts in case of damage.



Condition Monitoring

Monitor individual load cells for overload, temperature extremes, zero drift, and more. Breach detection warns if the load cell's hermetic seal has been broken. This enables reaction before the system weighs incorrectly or shuts down completely to ensure the highest uptime.



SWC615-A PowerMount™

Know What's Ahead

Key Product Features:

- Full mechanical safety - anti-uplift protection, down-stop protection and 360° checking
- Ground strap – welding protection
- SafeLock™ – protection during transportation and installation
- Stainless steel load cell with IP68/IP69K ratings
- Zinc plated or stainless steel mounting hardware
- IECEx, ATEX and FM hazardous approvals
- OIML C3/NTEP III M n:5, OIML C6/NTEP III M n:10
- CalFree™ Plus – Straightforward commissioning
- EN1090 structural safety standard (Europe only)
- Smart condition monitoring enabled by POWERCELL® technology
- Standard connector for easy cabling

Content

Technical Specifications	Page 02
Weigh Module Dimensions	Page 04
Order Information	Page 05
Weigh Module Accessories	Page 07
Related Products	Page 09
Weigh Module Knowledge Base	Page 10

SWC615-A PowerMount™ Specifications - Weigh Module

WEIGH MODULE			Unit of measure	Specification						
Model No.				SWC615-A PowerMount™						
Size				1			2			3A
Rated Capacity (R.C.)			† (klb, nominal)	7.5 (16.5)	15 (33)	22.5 (49.6)	20 (44)	30 (66)	50 (110)	90 (198)
Max. Rated Forces ⁽¹⁾										
	Max. Compressive Force, Rated		kN (klb)	74 (16.5)	145 (33)	220 (50)	195 (44)	290 (65)	490 (110)	880 (198)
	Max. Horizontal Force, Rated	transverse	kN (klb)	82 (18)			111 (25)			163 (37)
		longitudinal		154 (34)			156 (35)			196 (44)
	Max. Uplift Force, Rated		kN (klb)	122 (27)			206 (46)			222 (50)
	Max. Horizontal Force (longitudinal) per stabilizer option, Rated ⁽⁶⁾		kN (klb)	22 (5)			35 (7.7)			65 (15)
Max. Yield Forces ⁽²⁾⁽⁴⁾										
	Max. Compressive Force, Yield		kN (klb)	145 (33)	294 (67)	440 (97)	390 (87)	580 (130)	980 (215)	1756 (395)
	Max. Horizontal Force, Yield	transverse	kN (klb)	114 (25)			155 (35)			227 (51)
		longitudinal		214 (48)			217 (48)			273 (61)
	Max. Uplift Force, Yield		kN (klb)	171 (38)			287 (64)			309 (70)
Max. Ultimate Forces ⁽³⁾⁽⁴⁾										
	Max. Compressive Force, Ultimate		kN (klb)	220 (50)	420 (94)	660 (147)	580 (130)	883 (194)	1470 (323)	2648 (595)
	Max. Horizontal Force, Ultimate	transverse	kN (klb)	172 (38)			351 (79)			461 (104)
		longitudinal		260 (58)			495 (111)			574 (129)
	Max. Uplift Force, Ultimate		kN (klb)	234 (52)			451 (101)			664 (149)
Restoring Force			%A.L./mm (. /in)	2.4 (61)		3.4 (87)	1.8 (46)		1.6 (41)	
Max. top plate travel		transverse	± mm (in)	± 5 (0.2)						
		longitudinal ⁷⁾		± 5 (0.2)						
Weight, nominal (including load cell)			kg (lb)	23 (50.7)			57.5 (126.8)			112.5 (248)
Material				carbon steel / 304 stainless steel						
Finish				Zinc Plated / Electropolished						
Shipping dimensions (L x W x H)			cm (in)	34 x 23 x 30 (13.4 x 9.1 x 11.8)			41.5 x 32 x 41 (16.3 x 12.6 x 4.6)			49 x 37 x 51 (19.3 x 14.6 x 20.1)
Shipping weight			kg (lb)	26.5 (58.4)			62.5 (137.8)			127.5 (281)

(1) The weigh module is rated for these forces in normal operation, a Factor of Safety has been applied by METTLER TOLEDO

(2) Warning: If loaded statically one time in excess of these forces, the weigh module may yield and need replacing. The Max. Yield Forces do not consider fatigue/cyclic loading and should be approached only in exceptional circumstances.

(3) Warning: If loaded statically one time in excess of these forces, the weigh module may break with potential for serious injury and/or property damage.

(4) Warning: Apply a Factor of Safety appropriate to the application.

(5) % of Applied Load (A.L.) per mm (in) displacement of the top plate (transverse & longitudinal).

(6) 1 or 2 per weigh module. Max permissible longitudinal force per stabilizer.

(7) 0 with Stabilizer

SWC615-A PowerMount™ Specifications - POWERCELL® SLC611D

LOAD CELL		Unit of measure	Specification					
Item No.			30092515		30092516		30092517	
Model No.			POWERCELL® SLC611D Load Cell					
Rated Capacity (R.C.)		† (klb, nominal)	7.5 (17)		15 (33)		22.5 (50)	
Min. Increment Size, typical ⁽¹¹⁾		kg (lb)	0.15 (0.33)		0.3 (0.66)		0.45 (1)	
Zero load Output		%R.C.	≤ 0.5					
Combined Error ⁽⁸⁾⁽⁹⁾		%R.C.	C3/IIIM n:5: ≤ 0.018, C6/IIIM n:10: ≤ 0.013					
Repeatability Error		%A.L.	C3/IIIM n:5: ≤ 0.01, C6/IIIM n:10: ≤ 0.005					
Creep, 30 minute		%A.L.	C3/IIIM n:5: ≤ 0.015, C6/IIIM n:10: ≤ 0.008					
Min. Dead Load Output Return (DR), 30 min.		%A.L.	C3/IIIM n:5: ≤ 0.015, C6/IIIM n:10: ≤ 0.008					
Temperature Effect on	Min. Dead load Output	%R.C./°C	C3/IIIM n:5: ≤ 0.0014, C6/IIIM n:10: ≤ 0.0012					
	Sensitivity ⁽⁹⁾	%A.L./°C	C3/IIIM n:5: ≤ 0.0013, C6/IIIM n:10: ≤ 0.0007					
Temperature Range	Compensated	°C (°F)	-10 ~ +40 (+14 ~ +104)					
	Operating		-40 ~ +55 (-40 ~ +131)					
	Safe Storage		-40 ~ +80 (-40 ~ +176)					
OIML / European Approval ⁽¹⁰⁾	Class		C3	C6	C3	C6	C3	C6
	nmax		3000	6000	3000	6000	3000	6000
	Vmin	kg	0.68	0.45	1.36	0.91	2.05	1.73
NTEP Approval ⁽¹⁰⁾	Class		III M					
	nmax		10000					
	Vmin	lb	1.55	1.0	3.0	2.0	4.55	3.82
ATEX Approval ⁽¹⁰⁾	Cat 2		II 2 G Ex ib IIB T4 Gb Ta = -40°C to 55°C II 2 D Ex ib IIIC T130°C Db Ta = -40°C to 55°C					
	Cat 3		II 3G Ex ec IIC T6 Gc / II 3 D Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C					
IECEx Approval ⁽¹⁰⁾			Ex ib IIB T4 Gb / Ex ib IIIC T130°C Db / Ex ec IIC T6 Gc / Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C					
FM Approval ⁽¹⁰⁾	Div. 1 US		IS Class I, II, III, Division 1, Groups C, D, E, F and G; T4; Class I, Zone 1, AEx ib IIB T4 Gb / Zone 21, AEx ib IIIC T130°C Db					
	Div. 1 Canada		IS Class I, II, III, Division 1, Groups C, D, E, F and G; T4; Ex ib IIB T4 Gb Ex ib IIIC T130°C Gb					
	Div. 2 US		Class I, II, III, Division 2, Groups A, B, C, D, F and G; T6; NIFW Class I, Zone 2, AEx ec IIC T6 Gc / Zone 22, AEx tc IIIC T85°C Dc / Ta = -40°C to +55°C					
	Div.2 Canada		Class I, II, III, Division 2, Groups A, B, C, D, F and G; T6; NIFW / Ex ec IIC T6 Gc / Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C					
Supply Voltage Non-regulated	Typical	V DC	12-24 (external supply)					
Overvoltage Protection		A	2500					
Effective System Update Rate		Hz	100 (with 4 cells)					
Material	Spring Element		Stainless Steel					
Protection	Type		welded					
	IP Rating		IP68/IP69K					
	NEMA Rating		NEMA 6/6P					
Deflection @ R.C., nominal		mm (in)	0.2 (0.008)		0.37 (0.015)		0.49 (0.019)	
Weight, nominal		kg (lb)	1.1					

(8) Error due to the combined effect of non-linearity and hysteresis.

(9) Typical values only. The sum of errors due to Combined Error and Temperature Effect on Sensitivity comply with the requirements of OIML R60 and NIST HB44.

(10) See certificate for complete information.

(11) Calculate the scale's minimum increment size by multiplying this value by the square root of the number of load cells. For non Legal-For-Trade Applications



SWC615-A PowerMount™ Specifications - POWERCELL® PDX® SLC820

LOAD CELL		Unit of measure	Specification							
Item No.			42904882	42904883	42904885	42904891	30290638	72238150	72238147	
Model No.			POWERCELL® PDX® SLC820 Load Cell							
Rated Capacity (R.C.)		† (klb, nominal)	20 (44)	30 (66)		50 (110)		90 (198)		
Min. Increment Size, typical ⁽¹¹⁾		kg (lb)	0.4 (0.88)	0.6 (1.3)		1 (2.2)		1.8 (4)		
Zero load Output		%R.C.	≤ 0.1							
Combined Error ⁽⁸⁾⁽⁹⁾		%R.C.	C3/III L n:5: ≤ 0.018, C6/IIIL M n:10: ≤ 0.013						C3/III L n:5: ≤ 0.018, C4 ≤ 0.015, C6/IIIL M n:10: ≤ 0.013	
Repeatability Error		%A.L.	C3/III L n:5: ≤ 0.01, C6/IIIL M n:10: ≤ 0.005						C3/III L n:5: ≤ 0.01, C4 ≤ 0.008, C6/IIIL M n:10: ≤ 0.005	
Creep, 30 minute		%A.L.	C3/III L n:5: ≤ 0.015, C6/IIIL M n:10: ≤ 0.008						C3/III L n:5: ≤ 0.015, C4 ≤ 0.0125, C6/IIIL M n:10: ≤ 0.008	
Min. Dead Load Output Return (DR), 30 min.		%A.L.	C3/III L n:5: ≤ 0.015, C6/IIIL M n:10: ≤ 0.008						C3/III L n:5: ≤ 0.015, C4 ≤ 0.0125, C6/IIIL M n:10: ≤ 0.008	
Temperature Effect on	Min. Dead load Output	%R.C./°C	C3/III L n:5: ≤ 0.0014, C6/IIIL M n:10: ≤ 0.0008						C3/III L n:5: ≤ 0.0014, , C4 ≤ 0.001, C6/IIIL M n:10: ≤ 0.0008	
	Sensitivity ⁽⁹⁾	%A.L./°C	C3/III L n:5: ≤ 0.0013, C6/IIIL M n:10: ≤ 0.0007						C3/III L n:5: ≤ 0.0013, C4 ≤ 0.008, C6/IIIL M n:10: ≤ 0.0007	
Temperature Range	Compensated	°C (°F)	-10 ~ +40 (+14 to +104)							
	Operating		-30 to +55 (-22 to +131)							
	Safe Storage		-40 to +80 (-40 to +176)							
OIML / European Approval ⁽¹⁰⁾	Class		C3	C3	C6	C3	C6	C3	C4	
	nmax		3000	3000	6000	3000	6000	3000	4000	
	Vmin	kg	2	2.1	1.5	3.5	2.5	6.3	6.0	
NTEP Approval ⁽¹⁰⁾	Class		IIIL M						IIIL M	
	nmax		10000						10000	
	Vmin	lb	2.1	2.2	/	3.8	/	7.1	6.2	
ATEX Approval ⁽¹⁰⁾	Cat 2		II 2 G Ex ib IIB T4 Gb Ta = -40°C to 55°C II 2 D Ex ib IIIC T130°C Db Ta = -40°C to 55°C							
	Cat 3		II 3G Ex ec IIC T6 Gc / II 3 D Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C							
IECEx Approval ⁽¹⁰⁾			Ex ib IIB T4 Gb / Ex ib IIIC T130°C Db / Ex ec IIC T6 Gc / Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C							
FM Approval ⁽¹⁰⁾	Div. 1 US		IS Class I, II, III, Division 1, Groups C, D, E, F and G; T4; Class I, Zone 1, AEx ib IIB T4 Gb / Zone 21, AEx ib IIIC T130°C Db							
	Div. 1 Canada		IS Class I, II, III, Division 1, Groups C, D, E, F and G; T4; Ex ib IIB T4 Gb Ex ib IIIC T130°C Gb							
	Div. 2 US		Class I, II, III, Division 2, Groups A, B, C, D, F and G; T6; NIFW Class I, Zone 2, AEx ec IIC T6 Gc / Zone 22, AEx tc IIIC T85°C Dc / Ta = -40°C to +55°C							
	Div.2 Canada		Class I, II, III, Division 2, Groups A, B, C, D, F and G; T6; NIFW / Ex ec IIC T6 Gc / Ex tc IIIC T85°C Dc / Ta = -40°C to +55°C							
Supply Voltage Non-regulated	Typical	V DC	12-24 (external supply)							
Overvoltage Protection		A	> 80 000							
Effective System Update Rate		Hz	83 (with 4 cells), 50 (with 6 cells), 25 (with 14 cells), 15 (with 24 cells)							
Material	Spring Element		Stainless Steel							
Protection	Type		welded							
	IP Rating		IP68/IP69K							
	NEMA Rating		NEMA 6/6P							
Deflection @ R.C., nominal		mm (in)	0.36 (0.014)	0.51 (0.02)		0.71 (0.028)		1.02 (0.04)		
Weight, nominal		kg (lb)	3.0 (6.6)			3.2 (7.0)		7.5 (16.6)		

(8) Error due to the combined effect of non-linearity and hysteresis.

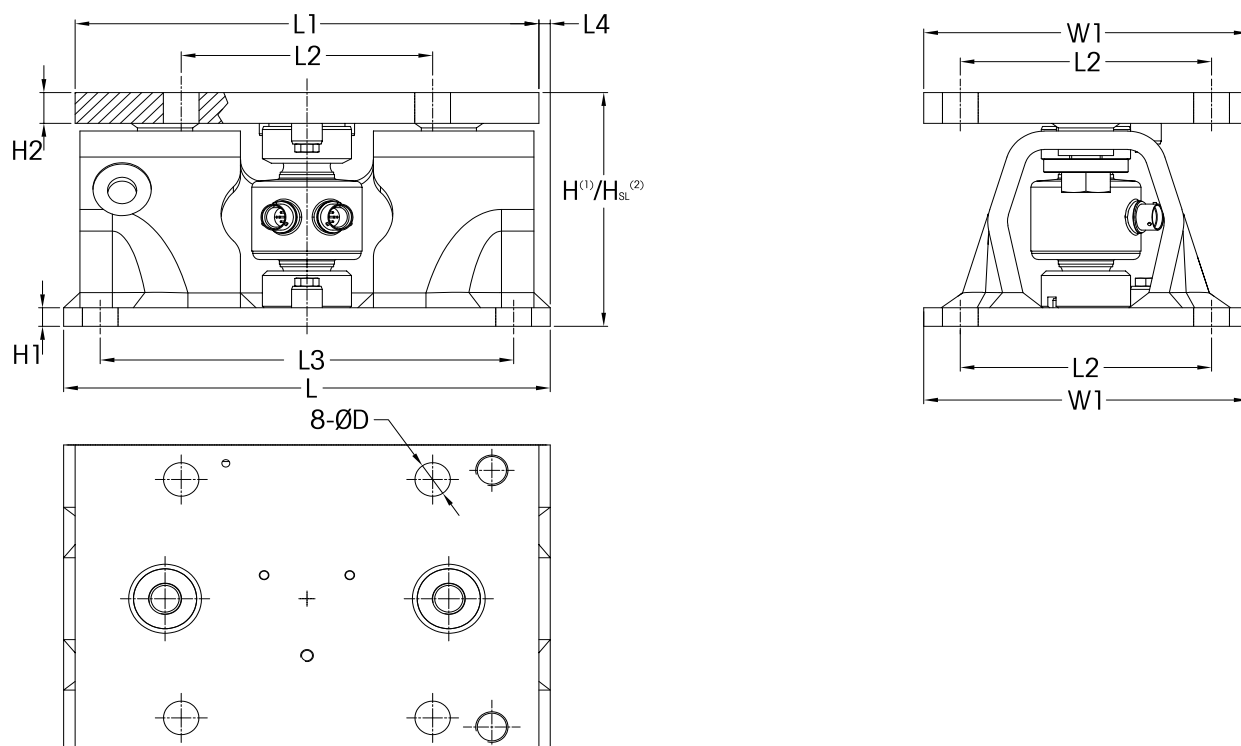
(9) Typical values only. The sum of errors due to Combined Error and Temperature Effect on Sensitivity comply with the requirements of OIML R60 and NIST HB44.

(10) See certificate for complete information.

(11) Calculate the scale's minimum increment size by multiplying this value by the square root of the number of load cells. For non Legal-For-Trade Applications



SWC615-A PowerMount™ Weigh Module Dimensions mm [in]



		Dimensions and Locations										
Size	Capacity	H ⁽¹⁾	H _{SL} ⁽²⁾	H1	H2	L	L1	L2	L3	L4	W1	D
1	7.5, 15, 22.5t (16.5, 33, 49.6klb)	152.0 (5.98)	154.0 (6.06)	12.0 (0.47)	20.0 (0.79)	300.0 (11.8)	286.0 (11.26)	155.0 (6.1)	255.0 (10.04)	7.0 (0.28)	200.0 (7.87)	22.0 (0.87)
2	20, 30, 50t (44, 66, 110klb)	235.0 (9.25)	237.0 (9.33)	21.0 (0.839)	26.0 (1.02)	365.0 (14.37)	365.0 (14.37)	200.0 (7.87)	315.0 (12.4)	-	273.0 (10.75)	26.0 (1.02)
3A	90t (198 klb)	329.5 (12.97)	331.5 (13.05)	26.0 (1.02)	33.0 (1.30)	440.0 (17.32)	440.0 (17.32)	235.0 (9.25)	235.0 (9.25)	-	300.0 (11.81)	32.0 (1.26)

⁽¹⁾ H Height when activating weigh module by removing SafeLock™ plates.

⁽²⁾ H_{SL} Height when shipping or mounting weigh module with SafeLock™ plates.



SWC615-A PowerMount™

Download page, including 2D/3D drawings:

► www.mt.com/ind-swc615-downloads



SLC611D load cell download page:

► www.mt.com/ind-downloads-SLC611D



More information on SLC820 load cell:

► <https://www.mt.com/ind-download-SLC820>

Order Information SWC615-A PowerMount™ - Weigh Module with Load Cell

SWC615-A PowerMount™ – Weigh Module / SWC615-A PowerMount™ EN1090 – Weigh Module (Europe only)

Order Information, Weigh Module Assembly				Item No.			
Size	Rated Capacity	Description	Class	Material, Weigh Module			
				Zinc Plated		304	
				Region		Region	
				All regions	Europe only	All regions	Europe only
1	7.5 t / 17 klb	Weigh Module Assembly	C3 / III M n:5	30730524	30730550	30730530	30730556
			C6 / III M n:10	30897223	30897233	30897218	30897228
	15 t / 33 klb		C3 / III M n:5	30730525	30730551	30730531	30730557
			C6 / III M n:10	30897224	30897234	30897219	30897229
	22.5 t / 50 klb		C3 / III M n:5	30730526	30730552	30730532	30730558
			C6 / III M n:10	30897225	30897235	30897220	30897230
2	20 t / 44 klb	Weigh Module Assembly	C3 / III M n:5	30730527	30730553	30730533	30730559
			C3 / III M n:5	30730528	30730554	30730534	30730560
	30 t / 66 klb		C6 / III M n:10	30897226	30897236	30897221	30897231
			C3 / III M n:5	30730529	30730555	30730535	30730561
	50 t / 110 klb		C6 / III M n:10	30897227	30897237	30897222	30897232
3A	90 t / 198 klb	Weigh Module Assembly	C3 / III M n:5	31096964	31096966	31096965	31096967
			C4	31097001	31097003	31097002	31097004

Bolded entries are stocked

Order Information SWC615-A PowerMount™ – Weigh Module without Load Cell

SWC615-A PowerMount™ – Weigh Module without Load Cell /**SWC615-A PowerMount™ EN1090 – Weigh Module without Load Cell (Europe only)**

– SafeLock™ allows installation of weigh module hardware without load cell to avoid sensor damage

Order Information, Weigh Module Kit		Item No.			Suitable Load Cells			
Size	Rated Capacity	Material, Weigh Module kit			Item No.			
		Regions	Carbon Steel	304	C3 / III(L) M n:5	C4	C6 / III(L) M n:10	Dummy Load Cell
1	7.5 t / 17 klb	All regions Europe Only	30730505	30730522	30092515	-	30129833	30238196
	15 t / 33 klb		30730541	30730548	30092516		30129835	
	22.5 t / 50 klb				30092517		30129836	
2	20 t / 44 klb	All regions Europe Only	30732122	30732123	42904882	-	-	72255084
	30 t / 66 klb		30732124	30732125	42904883		42904885	
	50 t / 110 klb				42904891		30290638	
3A	90t / 198klb	All regions Europe Only	-	-	72238150	72238147	-	30085236

Bolded entries are stocked

Order Information, Cables	Item No.							
	Cable, Material / Length							
	PU / 3m (10ft)	PU / 5m (16.4ft)	PU / 10m (32.8ft)	PU / 20m (65.6ft)	PU / 30m (100ft)	PU / 50m (166ft)	PU / 100m (333ft)	PU / 150m (500ft)
Cable Kit, 3 Load cells	30302750	30302751	30302752	30302753	-	-	-	-
Cable Kit, 4 Load cells	30302754	30302755	30302756	30302757	-	-	-	-
Load Cell - Load Cell Cable	30302766	30302767	30302768	30302769	-	-	-	-
Home Run Cable	-	30302758	30302759	30302760	30302761	30302762	30302763	30302764
Braided Cable Kit, 3 Load cells	-	61045291	61045292	-	-	-	-	-
Braided Cable Kit, 4 Load cells	-	61045293	61045294	-	-	-	-	-
Braided Home Run Cable	-	-	61044730	61044731	61044732	61044734	61044739	61044749
Cable Extension Adapter	30220628							
CAN Termination Load Cell	30302770							
Blind Cap Connector Load Cell	30302771							
Cable Gland for Home Run Cable with IND780PDX	30095639							

Bolded entries are stocked

Weigh Module Accessories

SWC615-A PowerMount™

METTLER TOLEDO offers an extensive range of accessories for weigh modules and load cells. These help to ensure proper installation and minimize the risk of downtime due to environmental influences.



Stabilizers

Stabilizers are used to stabilize a scale subject to heavy vibration, high torque, or in-motion weighing. Each weigh module can host one or two stabilizers. With stabilizers installed, thermal expansion is still possible, so that you can achieve the best weighing performance. Stabilizers (and weigh modules) shall be installed perpendicular to the direction of thermal expansion/contraction. For details see the Installation Guide on the product download page.

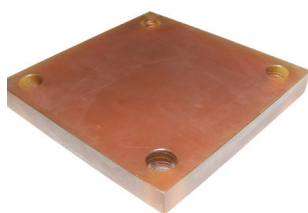
Rated Capacity	Item Nr.	
-	Zinc Plated	304
7.5 - 22.5 t / 16.5 - 49.6 klb	30732118	30732119
30 - 50 t / 66 - 110 klb	30732120	30732121
90t /198 klb	31096968	31096969



Shock/vibration pad

Shock/vibration pads are used for reducing load peaks in the case of decreasing loads or vibrations. This effect is achieved through the installation of a relatively soft material with high internal damping.

Rated Capacity	Item Nr.		Height of Pad, mm / in
-	Zinc Plated	304	-
7.5 - 22.5 t / 16.5 - 49.6 klb	72246646	72207262	40.4 / 1.59
30 - 50 t / 66 - 110 klb	72255072	72255075	58.4 / 2.30
90 t /198 klb	72255078	72255081	63.4 / 2.69



Thermal pads

Thermal pads are used in the case of hot tanks. They protect the load cell from temperature load caused by convection, thereby increasing accuracy and the lifespan of the system.

Rated Capacity	Item Nr.		Height of Pad, mm / in
80°C	Zinc Plated	304	-
7.5 - 22.5 t / 16.5 - 49.6 klb	72246647	72207263	40.4 / 1.59
30 - 50 t / 66 - 110 klb	72255073	72255076	58.4 / 2.30
90t /198 klb	72255079	72255082	63.4 / 2.69
170°C	Zinc Plated	304	-
7.5 - 22.5 t / 16.5 - 49.6 klb	72246648	72207264	40.4 / 1.59
30 - 50 t / 66 - 110 klb	72255074	72255077	58.4 / 2.30
90t /198 klb	72255080	72255083	63.4 / 2.69



Shim Kit

For optimal weigh module alignment thin plates of metal can be used to level the tank scale and evenly distribute the load.

Each Shim Set contains 3x 0.5mm and 3x 1mm plates

Rated capacity	Item Nr.	
-	Zinc Plated	304
7.5 - 22.5 t / 16.5 - 49.6 klb	30693514	
30 - 50 t / 66 - 110 klb	30693515	
90t /198 klb	30693516	

Related Products

Weighing Indicators and Transmitters

METTLER TOLEDO offers a complete family of weighing indicators, controllers and transmitters for applications from simple weighing to filling, stock control, batching, formulation, counting, or checkweighing.



ACT350 Weight Transmitter:
► www.mt.com/ind-act350



IND360 Automation Indicator:
► www.mt.com/ind360



IND570 Industrial Indicator:
► www.mt.com/ind570



IND780 Industrial Indicator:
► www.mt.com/ind780



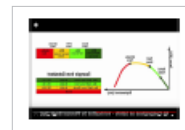
Weigh Module Knowledge Base



Weigh Module Proven Safety Video

Watch the video to understand how force ratings are tested and mechanical safety of weigh modules are ensured.

► <https://www.youtube.com/watch?v=jmOzLrB9HdA>



Weigh Module Buying Guide

This weigh module buying guide helps engineers to select the right weigh module for their application.

► www.mt.com/ind-wm-buying-guide



Dos and Don'ts

Best practices in the application of Weigh Modules to custom scales explained simply.

► www.mt.com/ind-wm-dos-donts



Tank Scale Calibration Methods

In this document, we discuss the six common methods to calibrate a tank scale including pros and cons and then illustrate each method through use cases.

► www.mt.com/ind-tankscalecalibration



PowerMount Installation Video

Watch the video for installation details of the PowerMount Weigh Modules. Details of the SafeLock plates, and optional Stabilizers are also explained.

► www.youtube.com/watch?v=WUndgvfxsCQ



Further Readings

Safety-Related Force Ratings:

www.mt.com/ind-wp-safety

Weighing Accuracy in Tank Scales:

www.mt.com/ind-weighing-accuracy-brochure

Analog and PowerMount™ Weigh Modules:

www.mt.com/ind-modern-weigh-modules-WP

Weigh Module Systems Handbook:

www.mt.com/ind-system-handbook

Weightless Tank Scale Calibration:

www.mt.com/ind-weightless-tank-scale-calibration-WP

RapidCal Tank Scale Calibration:

www.mt.com/ind-rapidcal

Explore Our Service Solutions

Maximize the Value of Your Tank Weighing Systems

METTLER TOLEDO helps to increase the value of your tank scales, maximize your equipment lifetime, and protect your investment. Leverage our unique RapidCal™ calibration technology to improve your efficiency, performance, and productivity.



Designing and installing tank weighing systems

RapidCal™ is a fast, hassle-free calibration method for most tank, reactor, hopper, and silo scales. Design your tanks ready for RapidCal to increase your efficiency during site acceptance tests, and win more business by offering unique benefits to your customer, including minimized downtime for calibration, simplified compliance, and less material waste.

With minimal implementation effort, step-by-step guidance, and technical drawings, you can take your systems to the next level and strengthen your customer relationships.



Operating tank weighing systems

Tank weighing systems in production must be calibrated for quality and compliance at regular intervals.

METTLER TOLEDO's RapidCal™ calibration takes only about one hour to complete and helps you to achieve your sustainability goals because it does not require expensive substitution materials. RapidCal is also available as ISO17025 accredited calibration service in select countries.



Learn more about RapidCal™:
► www.mt.com/IND-rapidcal



METTLER TOLEDO Service

Our extensive service network is among the best in the world and ensures maximum availability and service life of your product.

www.mt.com

For more information

METTLER TOLEDO Group
Industrial Division
Local contact: www.mt.com/contacts

Subject to technical changes
© 09/2025 METTLER TOLEDO. All rights reserved
Document No. 30572702 F
MarCom Industrial (LLO)

