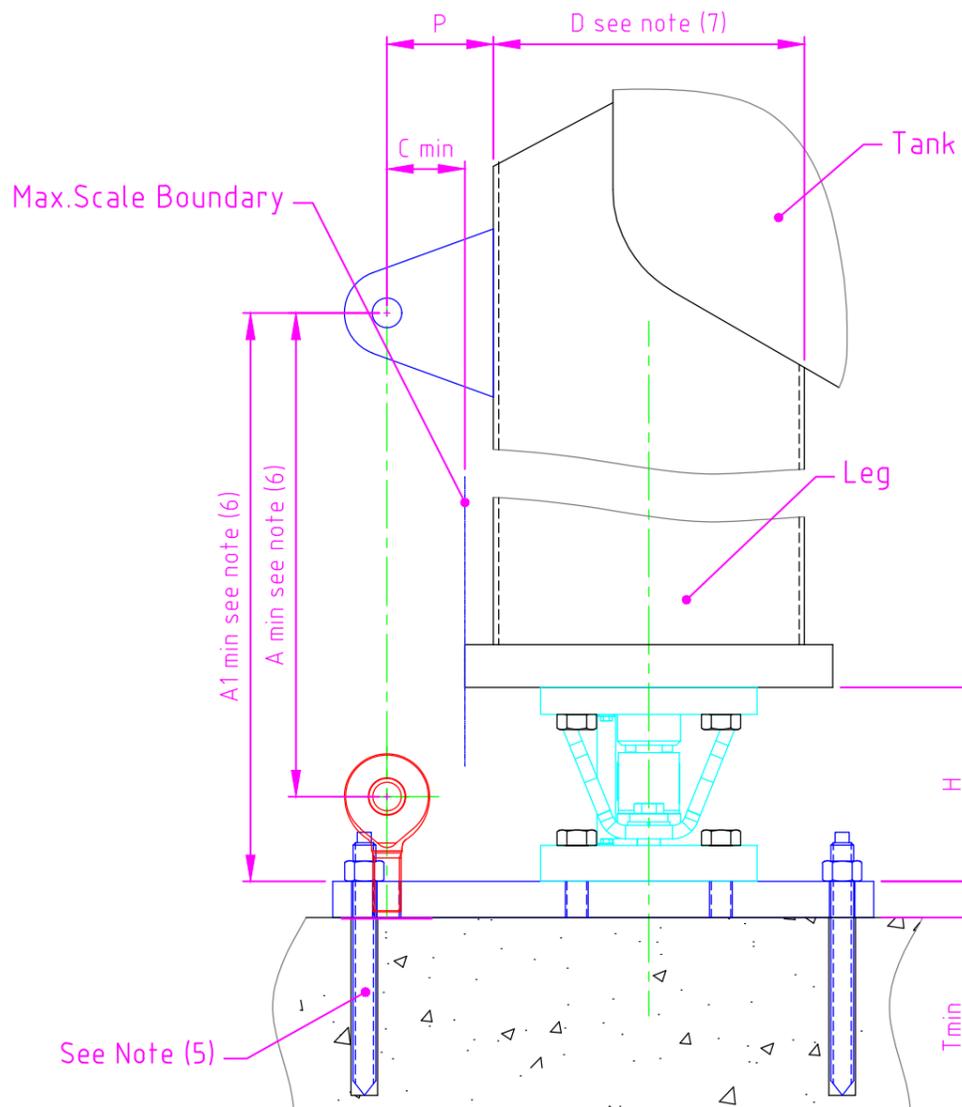


For Models: SWB305 / SWB505 / SWB605 / SWB805 MultiMount



Dimensions and Locations

Weigh Module Size	RapidCal Capacity	Lug		Leg Outer Dia, see (7)	A1 Min	A Min	C Min	E7	E6	E5	E4	E3	E2	E1	E	T min	B2	B1	B	Anchors see (5)	
		Drawing No.	Dim P																		
<b>Metric, mm</b>																					
1	5-300 kg	4t	30489501-1	75.0	D	1000	940	55.0	250.0	63.5	15.0	82.0	26.0	P+D/2	E1+E2+E3	25.0	M20	11.0	M8	M10	
2	0.11-2.2 t								270.0	63.5	20.0	88.9						120.0	14.0	M10	M12
3	4.4 t								340.0	82.6	22.0	101.6						160.0	18.0	M16	M16
2	0.11-2.2 t	8t	30489502-1	85.0	D	1125	1045	65.0	270.0	63.5	20.0	88.9	38.0	P+D/2	E1+E2+E3	30.0	M30x2 Fine	14.0	M10	M12	
3	4.4 t								340.0	82.6	22.0	101.6						160.0	18.0	M16	M16
<b>Imperial, inches</b>																					
1	11-661 lb	4t	30489501-1	2.95	D	39.4	37.0	2.17	10.00	2.50	0.594	3.200	1.000	P+D/2	E1+E2+E3	1.00	3/4-10 UNC	0.406	5/16-18 UNC	3/8-16 UNC	
2	0.25-5 klb								10.50	2.50	0.750	3.500						4.75	0.563	3/8-16 UNC	1/2-13 UNC
3	10 klb								13.50	3.25	0.875	4.000						6.25	0.688	5/8-11 UNC	5/8-11 UNC
2	0.25-5 klb	8t	30489502-1	3.35	D	44.3	41.1	2.56	10.50	2.50	0.750	3.500	1.500	P+D/2	E1+E2+E3	1.19	M30x2 Fine	0.563	3/8-16 UNC	1/2-13 UNC	
3	10 klb								13.50	3.25	0.875	4.000						6.25	0.688	5/8-11 UNC	5/8-11 UNC

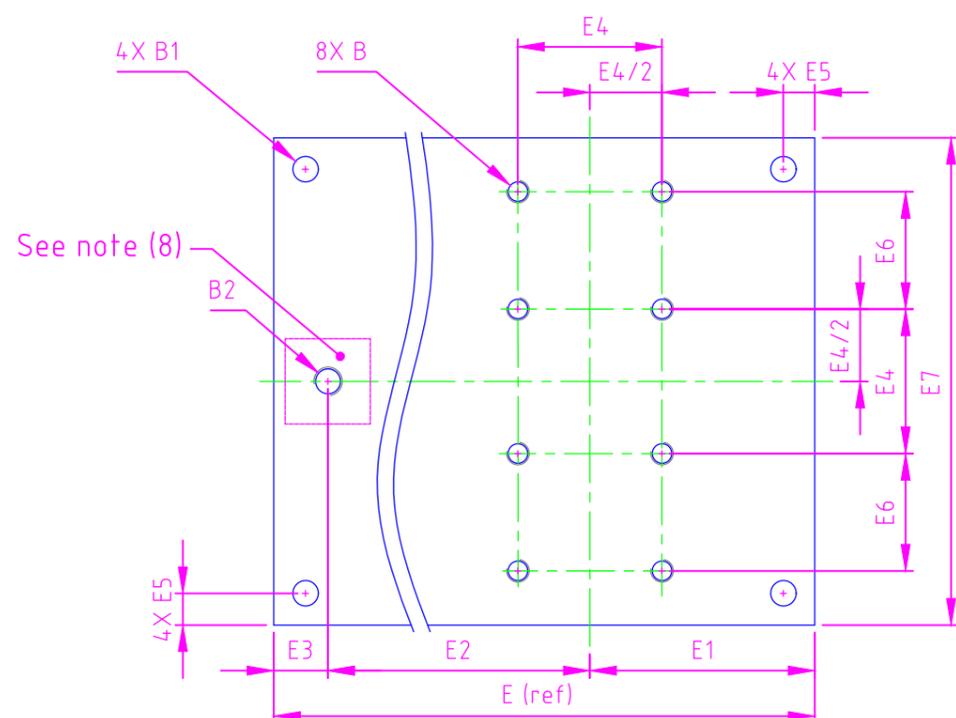
Weigh Module Size	Dimension H (weighing mode)		
	SWB305	SWB505/SWB605	SWB805
1	-	83.9 [3.31]	-
2	96.5 [3.80]	105.2 [4.14]	114.0 [4.49]
3	125.2 [4.93]	136.6 [5.38]	148.3 [5.84]

Notes:

- All information pertaining to METTLER TOLEDO's RapidCal™ shall be treated confidentially.
- RapidCal™ Modules should stand vertically within 0.5 degree when assembled to the tank.
- Sub-plate material is 304/316 stainless steel or material of equivalent strength.
- Sub-plate is subjected to lift-up force during calibration. Refer to Drawings 30489501-5 and 30489502-5 for the forces applied by 4t and 8t RapidCal™ Modules respectively to the sub-plate.
- Use Hilti HAS + HVU2 anchoring system (or equivalent) in accordance with the manufacturer's requirements.
- Consult METTLER TOLEDO for shorter arrangements.
- D is the actual outer diameter of the tank leg.
- Tack-weld a piece of sheet metal, e.g., 50 x 50 x 1 mm [2 x 2 x 1/16 in], to the plate's underside to stop grout welling up in the threaded hole.

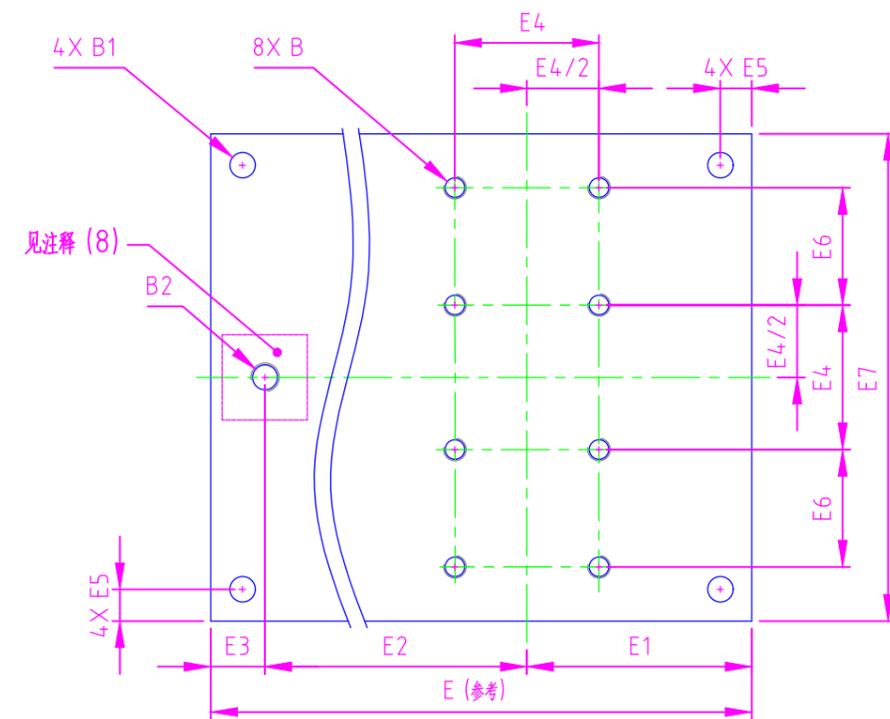
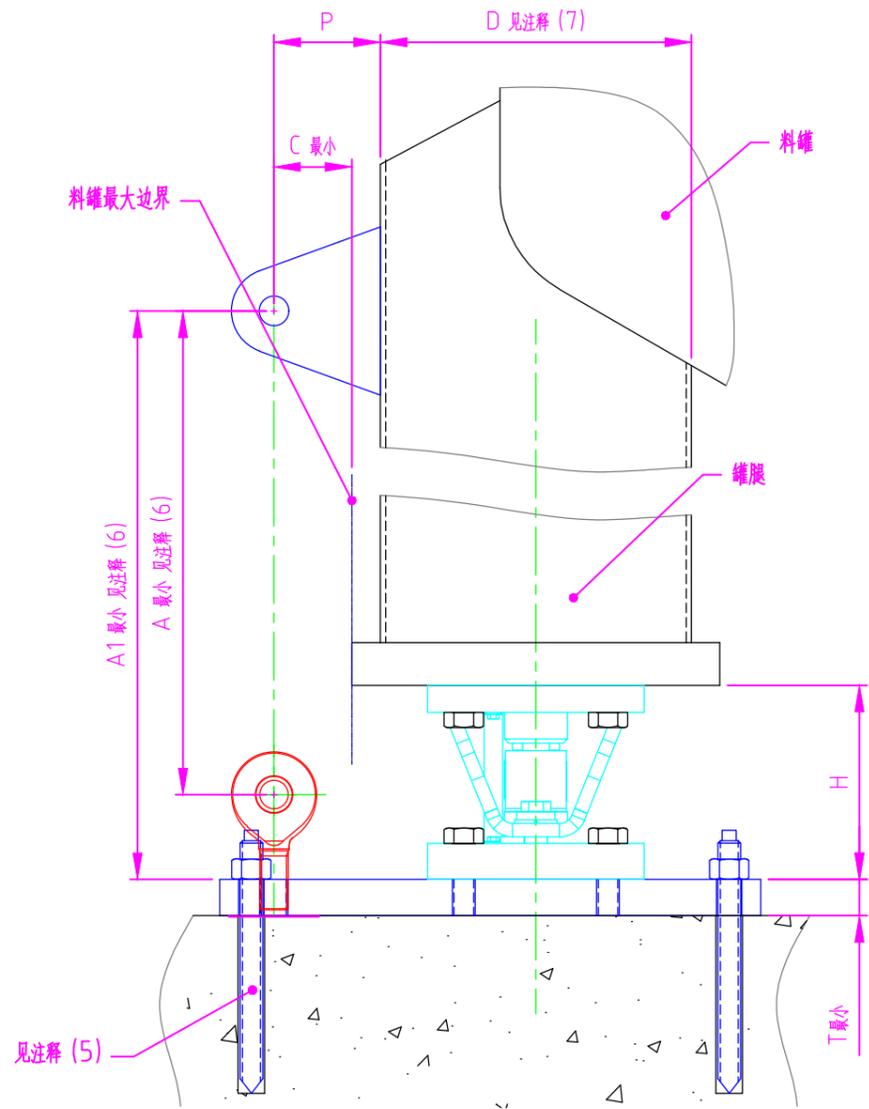
Color Key:

- Red: RapidCal™ Equipment
- Black: Tank and foundation
- Blue: Customer Provided
- Cyan: Weigh Module



Metric Tolerance, mm	Length	0.5...3	>3...6	>6...30	>30...120	>120...400	>400	Imperial Tolerance, inches	.X	.XX	.XXX	fraction	
	medium	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8		±0.04	±0.02	±0.010	±1/16	
<b>METTLER TOLEDO</b>													
MTCZ CN-213125 ChangZhou								Drawn	wang-722	12/17/2020	Scale		
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten								Change			Format	mt_A3	
Description RapidCal-锚固垫板-SWB								Note			Replaces		
RapidCal™ Sub-Plate, SWB Weigh Module								ERP NO.	30650134-2			ERP Rev	A
External Design No.: 30650134-2				External Design Rev.: A				Status: Approved	Mass:	Units:	1/1		

适用于: SWB305 / SWB505 / SWB605 / SWB805 MultiMount 型称重模块



称重模块		RapidCal	支耳		罐腿直径, 见注释 (7)	A1	A	C	E7	E6	E5	E4	E3	E2	E1	E	T min	B2	B1	B	锚栓 见注释 (5)		
Size	额定容量	容量	图纸代号	尺寸 P		最小	最小	最小															
公制, mm																							
1	5-300 kg	4t	30489501-1	75.0	D	1000	940	55.0	250.0	63.5	15.0	82.0	26.0	= P+D/2	= E1+E2+E3	100.0	25.0	M20	11.0	M8	M10		
2	0.11-2.2 t								270.0	63.5	20.0	88.9							120.0	14.0	M10	M12	
3	4.4 t								340.0	82.6	22.0	101.6							160.0	18.0	M16	M16	
2	0.11-2.2 t	8t	30489502-1	85.0		D	1125	1045	65.0	270.0	63.5	20.0	88.9	38.0	= P+D/2	= E1+E2+E3	120.0	30.0	M30x2 细牙	14.0	M10	M12	
3	4.4 t									340.0	82.6	22.0	101.6							160.0	18.0	M16	M16
英制, inches																							
1	11-661 lb	4t	30489501-1	2.95	D		39.4	37.0	2.17	10.00	2.50	0.594	3.200	1.000	= P+D/2	= E1+E2+E3	4.00	1.00	3/4-10 粗牙	0.406	5/16-18 UNC	3/8-16 UNC	
2	0.25-5 klb									10.50	2.50	0.750	3.500							4.75	0.563	3/8-16 UNC	1/2-13 UNC
3	10 klb									13.50	3.25	0.875	4.000							6.25	0.688	5/8-11 UNC	5/8-11 UNC
2	0.25-5 klb	8t	30489502-1	3.35		D	44.3	41.1	2.56	10.50	2.50	0.750	3.500	1.500	= P+D/2	= E1+E2+E3	4.75	1.19	M30x2 细牙	0.563	3/8-16 UNC	1/2-13 UNC	
3	10 klb									13.50	3.25	0.875	4.000							6.25	0.688	5/8-11 UNC	5/8-11 UNC

称重模块	尺寸 H (称重状态)		
	SWB305	SWB505/SWB605	SWB805
Size	mm [in]	mm [in]	mm [in]
1	-	83.9 [3.31]	-
2	96.5 [3.80]	105.2 [4.14]	114.0 [4.49]
3	125.2 [4.93]	136.6 [5.38]	148.3 [5.84]

- 注释:
- 所有与梅特勒-托利多 RapidCal™ 的相关信息均应保密。
  - RapidCal™ 模块安装到料罐时, 垂直度需在0.5度以内。
  - 锚固板材料为304/316不锈钢, 或具有同等强度的其他材料。
  - 锚固板在标定中将承受向上拉力。参考图纸 30489501-5与30489502-5分别获取4t与8t RapidCal™ 模块对锚固板产生的力的信息。
  - 使用喜利得 HAS+HVU2 锚栓系统或类似产品并且遵从制造商要求。
  - 如需获得更短配置的标定模块方案, 请咨询梅特勒-托利多相关人员。
  - D是料罐腿的实际外直径。
  - 为防止水泥灌进锚固板螺孔, 点焊一块金属板, 例如 50x50x1mm [2x2x1/16 in], 在锚固板底部。

颜色说明:  
 红色: RapidCal™ 设备  
 蓝色: 用户提供  
 黑色: 料罐和基础  
 青色: 称重模块

Metric Tolerance, mm	Length	0.5...3	>3...6	>6...30	>30...120	>120...400	>400	Imperial Tolerance, inches	.X	.XX	.XXX	fraction	
	medium	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8		±0.04	±0.02	±0.010	±1/16	
<b>METTLER TOLEDO</b>								MTCZ		Drawn	wang-722	12/17/2020	Scale
								CN-213125 ChangZhou		Change			Format mt_A3
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten								Note				Replaces	
Description RapidCal-锚固垫板-SWB								ERP NO.				ERP Rev	
<b>RapidCal™ Sub-Plate, SWB Weigh Module</b>								<b>30650134-2</b>				<b>A</b>	
External Design No.: 30650134-2				External Design Rev.: A				Status: Approved		Mass:		Units: 1/1	