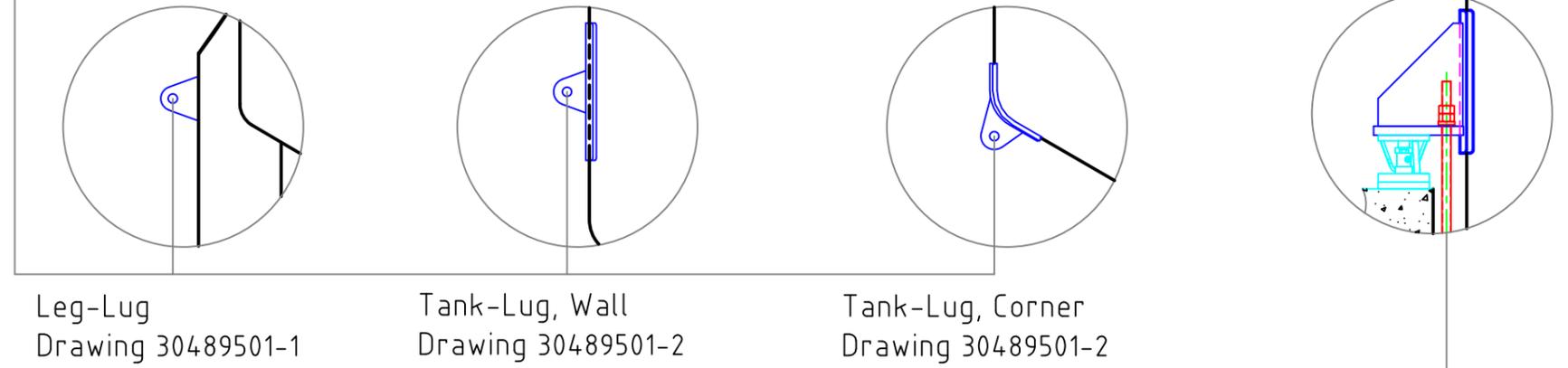


Upper Attachment Options

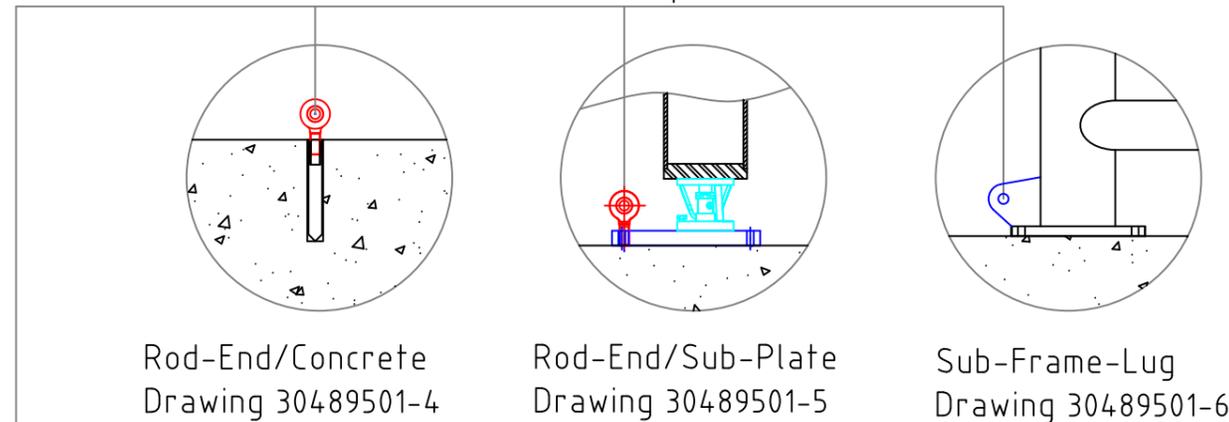


Notes:

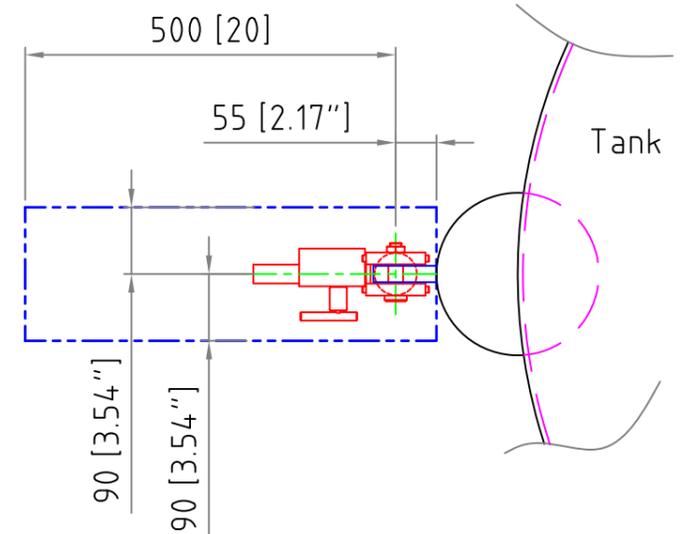
Dimension in mm [inches]

- All information pertaining to METTLER TOLEDO's RapidCal™ shall be treated confidentially.
- Calibration Modules should stand vertically within 0.5 degree when assembled to the tank.
- The attachment points to the tank and foundation must withstand the Max. Calibration Force (CFm) with a suitable factor of safety. Reinforce the attachment points as necessary.
- $CFm (lb) = \text{Scale Capacity (lb)} / N$        $CFm (\text{Newtons}) = g * \text{Scale Capacity (kg)} / N$   
 where  $g = 9.81 \text{ m/s}^2$  and  $N = \text{number of Calibration Modules used in the calibration.}$
- Detail 1 shows minimum distance from the Calibration Module center line(CL) to tank scale or other obstacles on 4 sides; it can be rotated +/- 90 degrees from the position shown. Provide for operator access also.
- Extend length where indicated by insertion of M20x1.5 threaded rod. For safety, use only MT-approved high-strength threaded rod and hardware. Consult MT if a shorter arrangement is required.
- Dimension to ground is 55-85 mm [2.17-3.35 in] depending on lower attachment, see relevant drawing.

Lower Attachment Options



Detail 1, Minimum Clearance, See (5)

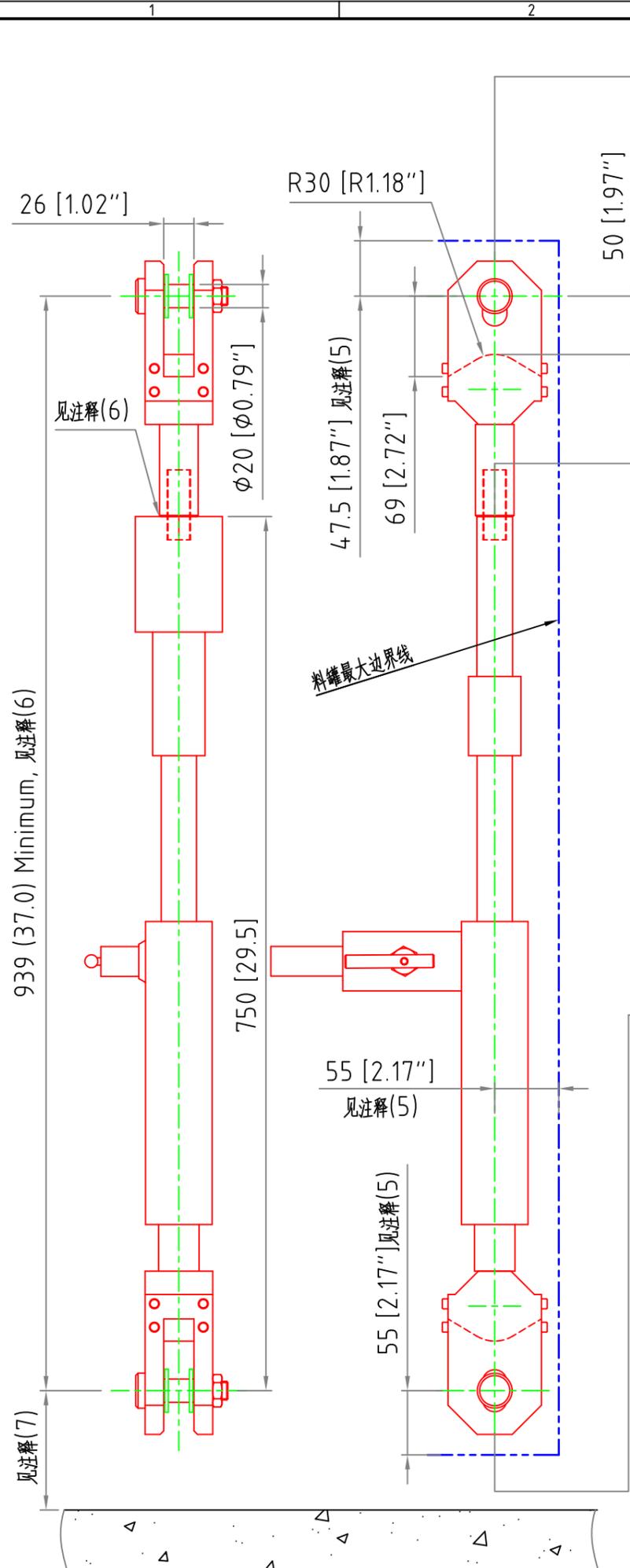


Color Key:

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

**METTLER TOLEDO**

MTCZ CN-213022 ChangZhou	Drawn li-383 2019/07/05	Scale -	
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten	Change	Format mt_A3	
Description GDL 标定模块4t <b>GDL RapidCal™ Cal. Module 4t</b>	Note -	Replaces -	ERP NO. <b>30489501</b> ERP Rev <b>E</b>
External Design No.:30489501	Status:Approved	Mass:	



939 (37.0) Minimum, 见注释(6)

见注释(7)

R30 [R1.18"]

47.5 [1.87"] 见注释(5)

69 [2.72"]

φ20 [φ0.79"]

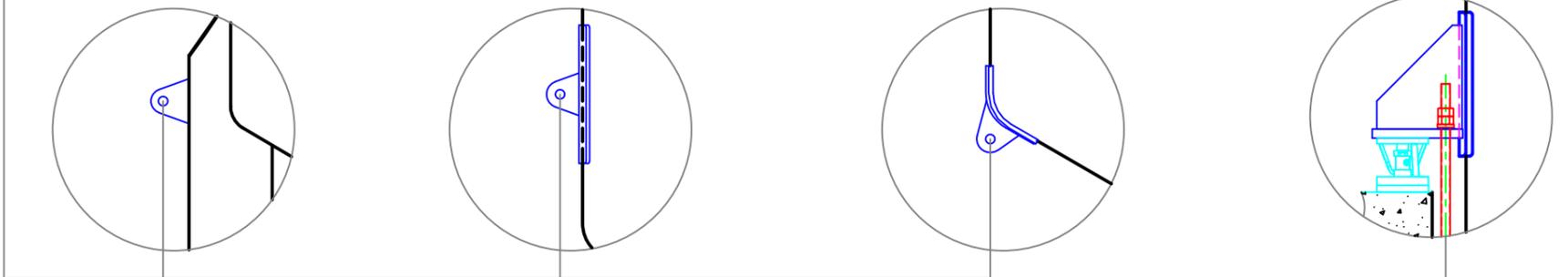
750 [29.5]

55 [2.17"] 见注释(5)

55 [2.17"] 见注释(5)

料罐最大边界线

上连接件选项



罐腿-支耳  
详见图纸 30489501-1

罐体-支耳,外壁  
详见图纸 30489501-2

罐体-支耳,拐角  
详见图纸 30489501-2

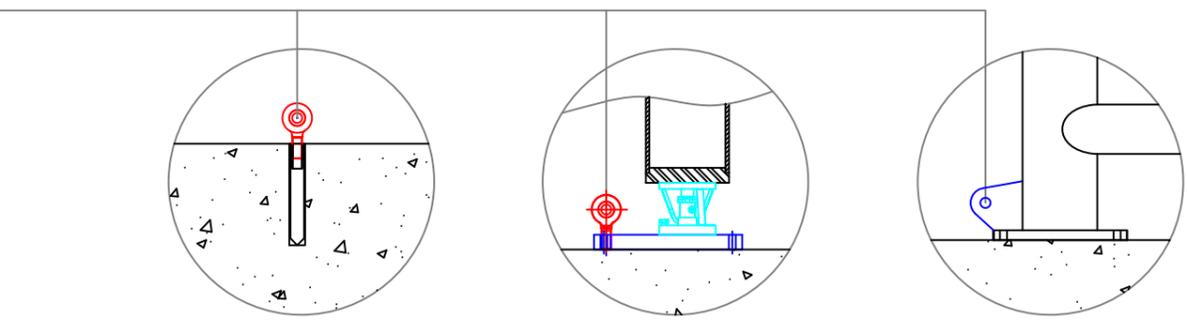
支座-螺杆  
详见图纸 30489501-3

注释:

图纸所有尺寸单位为 毫米[英寸]

1. 所有与梅特勒-托利多 RapidCal™ 的相关信息均应保密。
2. 标定模块安装到料罐时,垂直度需在0.5度以内。
3. 料罐和基础上的连接点必须能够承受最大标定载荷 (CFm), 并且有适当的安全系数。必要时需额外加强连接点的强度。
4.  $CFm$  (磅) = 料罐容量 (磅) / N.  $CFm$  (牛顿) =  $g \times$  料罐容量 (千克) / N.  
其中  $g = 9.81 \text{ m/s}^2$ , N = 标定过程中使用的标定模块的数量。
5. 局部视图1显示了标定模块中心线(CL)到料罐或其他障碍物的最小距离(四面)。图示标定模块的位置可以旋转±90度。同时还需要考虑操作人员的操作空间。
6. 图示位置可以通过插入M20X1.5的螺杆来延长长度。为了安全,必须使用梅特勒-托利多提供的高强度螺杆和其他零部件。如果需要截短长度,请联系梅特勒-托利多相关人员。
7. 标定模块距离地面的尺寸为55-85毫米[2.17-3.35英寸],具体取决于下连接件的选择形式,详见相关图纸。

下连接件选项

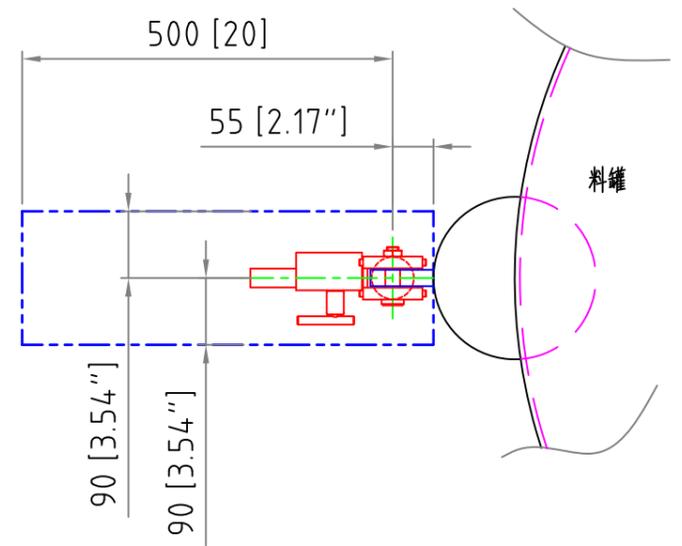


关节轴承/混凝土  
详见图纸 30489501-4

关节轴承/锚固板  
详见图纸 30489501-5

框架-支耳  
详见图纸 30489501-6

局部视图 1, 最小空间, 见注释 (5)



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

<b>METTLER TOLEDO</b>		MTCZ	Drawn	li-383	2019/07/05	Scale	-
		CN-213022 ChangZhou	Change			Format	mt_A3
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			Note	-		Replaces	-
Description GDL 标定模块4t			ERP NO.	30489501		ERP Rev	E
GDL RapidCal™ Cal. Module 4t			Status: Approved	Mass:		Units: mm	1/1
External Design No.: 30489501		External Design Rev.: E				AutCAD Mechanical Template V0.2	