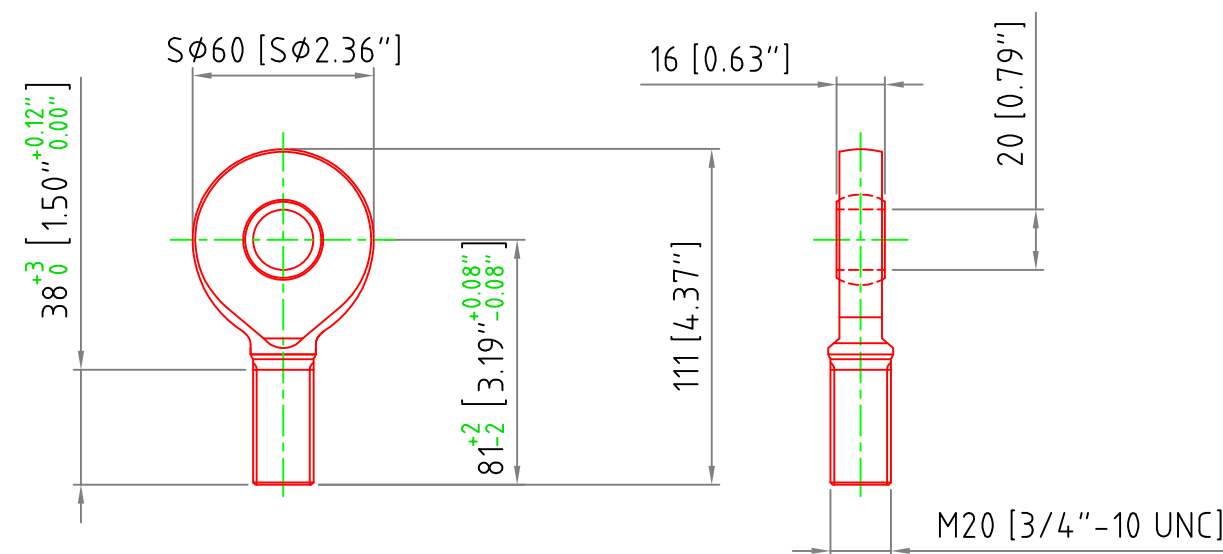


Rod End Detail Scale 2:1



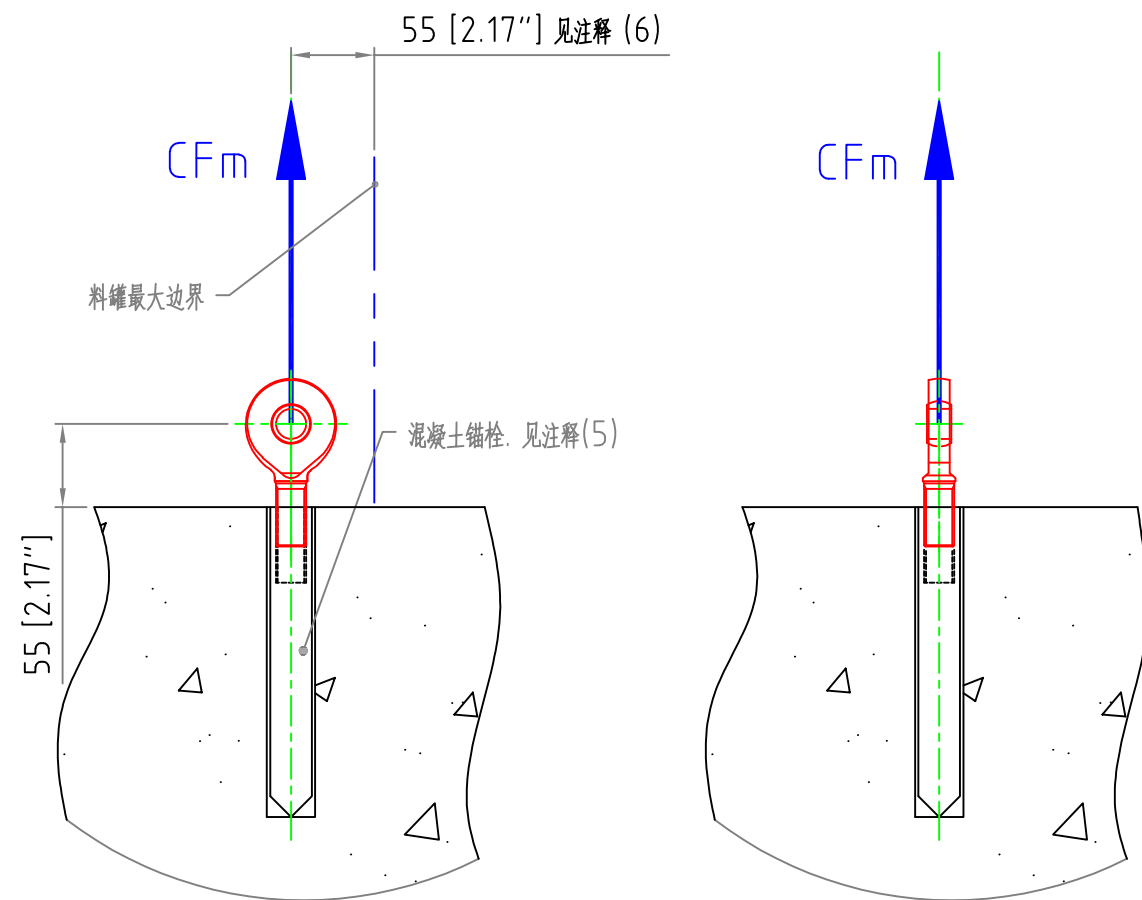
Notes: Dimensions are in mm [inches].

1. All information pertaining to METTLER TOLEDO's RapidCal™ shall be treated confidentially.
2. Calibration Modules should stand vertically within 0.5 degree when assembled to the tank.
3. The concrete foundation must be designed to withstand the upward Max. Calibration Force (CFm) with a suitable factor of safety, considering the effect of multiple such forces on the same foundation, if appropriate ( $N > 1$ , see below).
4.  $CFm \text{ (lb)} = \text{Scale Capacity (lb)} / N$ .  
 $CFm \text{ (Newtons)} = g * \text{Scale Capacity (kg)} / N$ .  
where  $g = 9.81 \text{ m/s}^2$  and  $N = \text{number of Calibration Modules used in the calibration}$ .
5. Use Hilti HVU2 with M20 [3/4"-10 UNC] internally threaded HIS-(R)N sleeve adhesive anchor system or equivalent. The concrete, anchor spacing and installation details must comply with the anchor manufacturer's requirements for the applied force CFm per anchor. Consider the spacing of multiple such anchors on the same foundation, if appropriate ( $N > 1$ ).
6. Minimum distance from the Calibration Module center line (CL) to tank scale or other obstacles is 55 mm [2.17 in].

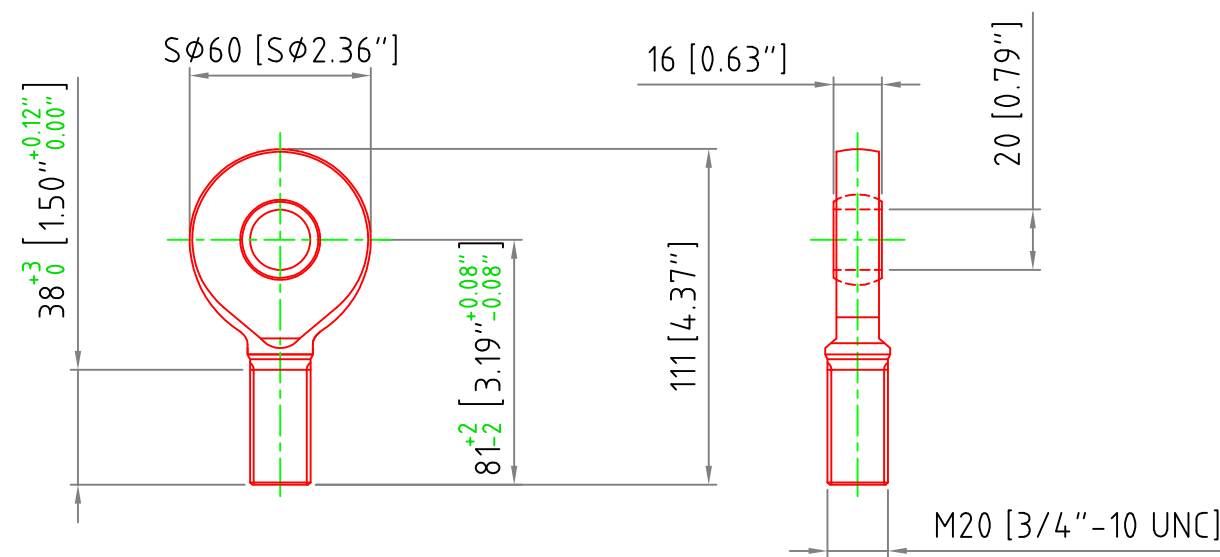
Color Key:

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

METTLER TOLEDO		MTCZ	Drawn	li-383	2019/11/7	Scale	-
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten		CN-213022 ChangZhou	Change			Format	mt_A3
Description 关节轴承混凝土基础-4t			Note	-		Replaces	-
GDL RapidCal™ Rod-End Concrete 4t			ERP NO.	30489501-4		ERP Rev	D
External Design No.:30489501-4		External Design Rev.:A	Status:Approved	Mass:	Units:mm		1/1



关节轴承详细视图 比例 2:1



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. 混凝土基础必须能够承受最大向上标定载荷 (CFm), 并且要有适当的安全系数, 同时需考虑到同一个基础会受到多个载荷的作用, 一般来说( $N > 1$ , 见注释4).
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. 使用喜利得 HVU2型高性能药剂包和M20 [3/4"-10 UNC] HIS-(R)N型内螺纹嵌入件或类似产品. 由于施加载荷  $CFm$  作用在单个锚栓上, 混凝土强度, 锚栓间距和安装细节必须遵从锚栓制造商的要求, 同时需考虑多个锚栓在同一基础上的安装间距, 一般情况下( $N > 1$ ).
6. 标定模块中心线(CL)与料罐或其他物体的最小距离为55毫米 [2.17英寸].

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

METTLER TOLEDO		MTCZ	Drawn	li-383	2019/11/7	Scale	-
CN-213022 ChangZhou			Change			Format	mt_A3
Refer to protection notice ISO 16016 / Schutzvermerk ISO 16016 beachten			Note	-		Replaces	-
Description 关节轴承混凝土基础-4t		ERP NO.		ERP Rev			
GDL RapidCal™ Rod-End Concrete 4t		30489501-4		D			
External Design No.: 30489501-4		External Design Rev.: A		Status: Approved		Mass:	
				Units: mm		1/1	