LOAD POINT MODEL NUMBERS										
CAPACITY LBS [KN]	MODEL NUMBER PLATED ALLOY STEEL	MODEL NUMBER STAINLESS STEEL	LOAD SENSOR MODEL NUMBER	CABLE LENGTH FT [M]						
1125 LB [5KN]	HI HLPRE04-1125-45	HI HLPRE04-1125-43	HI SBH04-1125	20FT [6M]						
2.25 KLB [10KN]	HI HLPRE04-2.25K-45	HI HLPRE04-2.25K-43	HI SBH04-2.25K	20FT [6M]						
4.5 KLB [20KN]	HI HLPRE04-4.5K-45	HI HLPRE04-4.5K-43	HI SBH04-4.5K	20FT [6M]						
11.25 KLB [50KN]	HI HLPRE04-11.25K-45	HI HLPRE04-11.25K-43	HI SBH04-11.25K	20FT [6M]						
22.5 KLB [100KN]	HI HLPRE04-22.5K-45	HI HLPRE04-22.5K-43	HI SBH04-22.5K	20FT [6M]						

- 10. SHEET 2 FOR LOAD POINT DIMENSIONS.
- 9. LOAD POINT OPERATING TEMPERATURE RATING IS  $-20^{\circ}$ C TO  $+70^{\circ}$ C. USAGE OF LOAD POINT AT TEMPERATURES BELOW -20°C REQUIRES THAT THE LOAD POINT ASSEMBLY AND CABLE BE TEMPERATURE CONTROLLED.
- 8. DO NOT WELD LOAD POINT TO VESSEL/FOUNDATION WITH LOAD SENSOR INSTALLED.
- 7. LOAD POINT IS SUPPLIED WITH THE FOLLOWING:

HI SBH04 SERIES LOAD SENSOR TOP RUBBER ELEMENT MOUNT LOAD SENSOR BASE PLATE AND TWO MOUNTING BOLTS GROUND STRAP AND TWO MOUNTING BOLTS [M8].

- 6. LOAD SENSOR IS STAINLESS STEEL 17-4PH (1.4548).
- CABLE IS SHIELDED, 6 CONDUCTOR. CABLE SHIELD IS FLOATING. SEE TABLE FOR CABLE LENGTHS.
- 4. C2 WIRE COLOR CODE FLAG LABEL IS LOCATED APPROXIMATELY 10 INCHES [254MM] FROM END OF CABLE.

EXCITATION + RED EXCITATION -BLACK SIGNAL + GREEN SIGNAL -WHITE C2 + GRAY C2 -VIOLET SHIELD YELLOW

- 3. CABLE WIRE ENDS ARE STRIPPED BACK 0.5 INCHES [12.7MM] AND TINNED. CABLE JACKET IS STRIPPED BACK APPROXIMATELY 5 INCHES [127MM].
- 2. THIS DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE.
- 1. RATED OUTPUT:  $2mV/V \pm 0.002$ .

## NOTES: UNLESS OTHERWISE SPECIFIED

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LOAD POINT ACCESSORY MODEL NUMBERS (LOAD SENSOR NOT INCLUDED)									
CAPACITY LBS [KN]	MOUNT SET MODEL NUMBER PLATED ALLOY STEEL	MOUNT SET MODEL NUMBER STAINLESS STEEL	MODEL NUMBER TOP RUBBER ELEMENT						
1125 LB [5KN]									
2.25 KLB [10KN]	HI MSBRE-45-4.5KLB	HI MSBRE-43-4.5KLB	HI MSBRE-F-4.5KLB						
4.5 KLB [20KN]									
11.25 KLB [50KN]	HI MSBRE-45-11.25KLB	HI MSBRE-43-11.25KLB	HI MSBRE-F-11.25KLB						
22.5 KLB [100KN]	HI MSBRE-45-22.5KLB	HI MSBRE-43-22.5KLB	HI MSBRE-F-22.5KLB						

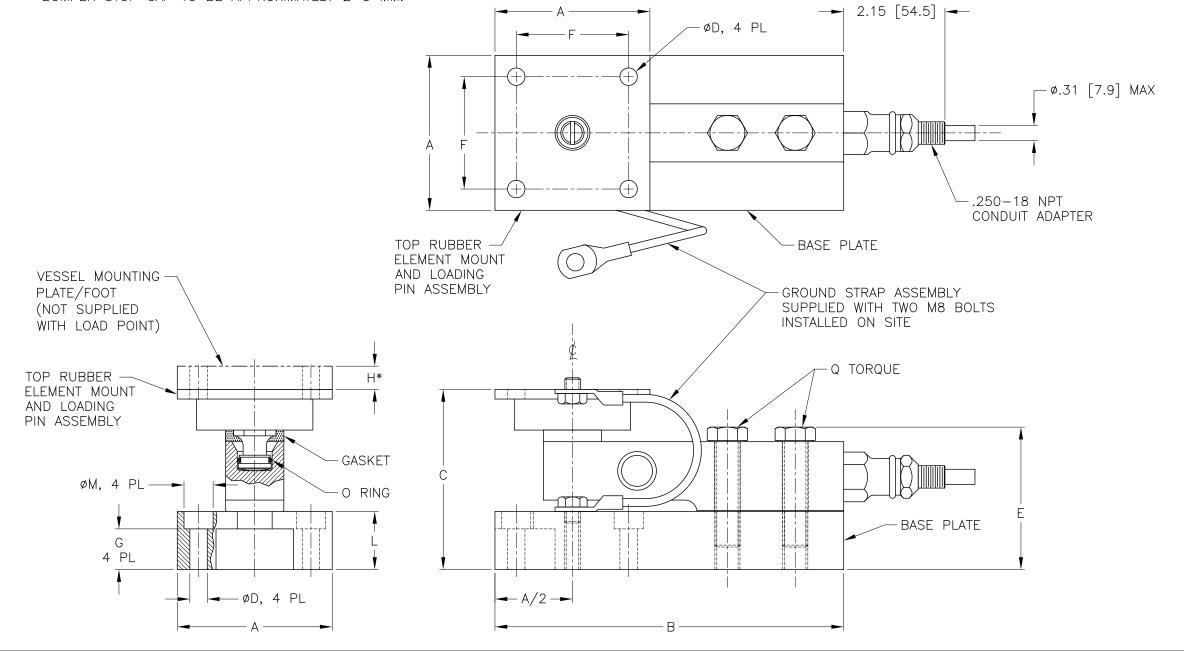
		0588-	0160	OUTLINE D	RAWING, LOAD	POINT, I	HI HLPI	RE04 SERIE	ES				
ITEM	QTY	PART N	UMBER	DESCRIPTION							COMMENTS		
					PA	ARTS LIST							
		SPECIFIED N INCH [MM]	CONTRACT	NO.						APRY			
THIRD ANGLE PROJECTION				APPROVAL	S								
	DRAWN				DATE		PROCESS SOLUTIONS						
$\cup$	<del>((+)) </del>			4	10-23-14	TITLE	··· <del></del>						
		CHECKED		DATE		0	UTLII	NE	DRAWING.	WING, LOAD			
MATERIAL N			N. SCHE	RRER	10-23-14	İ				•	•		
			APPROVED		DATE		20	INI,	HI	HLPREU4	REO4 SERIES		
			E. JAMES	5	10-23-14	C17E	FCOV	-	LDDAW	NO NO		REV.	
FINISH			ISSUED		DATE	SIZE	FSCM		1	ING NO.		REV.	
			V. CHULA	4	10-23-14	l D	I 2 1	316		0588-016	30	ΙΑ	
			PRODUCTIO	N	DATE					T	· · · · · ·		
DO NOT SCALE DRAWING						FILE N	IAME:	588160A	1.DWG	SCALE: NONE	SHEET 1	OF 2	

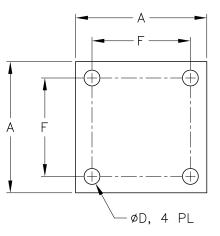
DESCRIPTION

DIMENSIONS- INCHES & [mm] TOLERANCES: ±0.015 [0.38] UNLESS OTHERWISE STATED														
CAPACITY LBS [KN]	А	В	С	ØD	E	F	G	H*	L	øM	Q TORQUE LB-FT [NM]	MOUNT SCREW	S MAX**	RF***
1125 LB [5KN]														
2.25 KLB [10KN]	3.15 [80.0]	7.09 [180.0]	3.66 [93.0]	0.354 [9.00]	2.91 [74.0]	2.28 [58.0]	0.83 [21.0]	0.47 [12.0]	1.18 [30.0]	0.591 [15.00]	65 LB-FT [70NM]	.312 OR M8	0.197 [5.00]	360 LB [1.6KN]
4.5 KLB [20KN]														
11.25 KLB [50KN]	3.94 [100.0]	8.62 [219.0]	4.65 [118.0]	0.433 [11.00]	4.02 [102.0]	2.99 [76.0]	1.14 [29.0]		1.57 [40.0]	0.709 [18.00]	295 LB-FT [400NM]	.375 OR M10		1124 LB
22.5 KLB [100KN]	4.72 [120.0]	10.83 [275.0]	6.61 [168.0]	0.571	5.83 [148.0]	3.54 [90.0]	1.85 [47.0]		2.36 [60.0]	0.866 [22.00]	515 LB-FT [700NM]	.500 OR M12		[5KN]

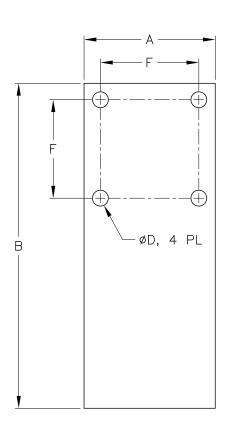
- \* RECOMMENDED MINIMUM THICKNESS OF VESSEL MOUNTING FOOT/PLATE
- \*\* SMAX = MAXIMUM LATERAL DISPLACEMENT OF LOAD INTODUCTION
- \*\*\* RF = RESTORING FORCE AT SMAX

IMPORTANT! USE BUMPER STOPS IF LATERAL FORCES EXCEED THE RF VALUE. BUMPER STOP GAP TO BE APPROXIMATELY 2-3 MM.





VESSEL MOUNTING TEMPLATE



BASE MOUNTING TEMPLATE ROTATED 90° CLOCKWISE



OUTLINE DRAWING, LOAD
POINT, HI HLPRE04 SERIES

D 21316

0588-0160

FILE NAME: 588160A1.DWG SCALE: NONE SHEET 2 OF 2

