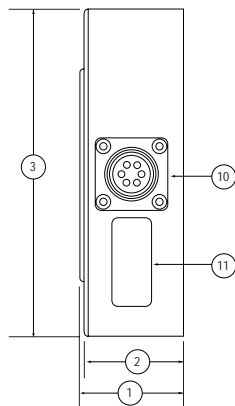
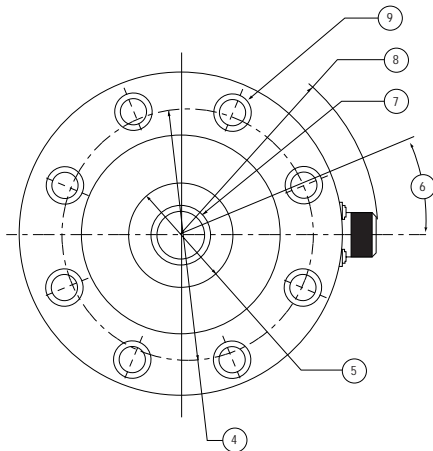


# Interface

## Model 2400 Stainless Series Universal – 10Klbf and 20Klbf

Why INTERFACE 2400 series  
loadcells are best in class:

- Proprietary Interface temperature compensated strain gages
- Stainless steel construction
- Hermetically sealed
- Tension and compression
- Compact size
- 10 & 20K lbf capacity
- Counterbored mounting holes in 10 Klbf model



### DIMENSIONS

See Drawing	MODEL			
	2440		2450	
	CAPACITY (lbf)			
	10K		20K	
	inch	mm	inch	mm
①	1.80	45.7	1.80	45.7
②	1.70	43.2	1.70	43.2
③	5.50	139.7	6.00	152.4
④	4.50	114.3	4.875	123.8
⑤	1.71	43.5	2.10	53.3
⑥	22.50°		22.50°	
⑦	1.00-14 UNS-30 THRU		1.50-12 UN-3B	
⑧	6.76	171.7	7.01	178.1
⑨	C Bore 0.594 (15.1)		-	
	x .38 (9.65) Deep,		-	
	Ø.406 (10.31) THRU		Ø.531 (13.5) THRU	
⑩	MS3102E-14S-6P			
⑪	Identification Label			

## SPECIFICATIONS

PARAMETERS	MODEL	
	2440	2450
	CAPACITY (lbf)	
	10K	20K
<b>ACCURACY – (MAX ERROR)</b>		
Static Error Band–% FS	± 0.10	± 0.10
Nonlinearity–% FS	± 0.10	± 0.10
Hysteresis–% FS	± 0.08	± 0.08
Nonrepeatability–% RO	± 0.03	± 0.02
Creep, in 20 min–%	± 0.03	± 0.05
<b>TEMPERATURE</b>		
Compensated Range–°F	15 to 115	70 to 170
Compensated Range–°C	-10 to 45	21 to 77
Operating Range–°F	-65 to 200	-65 to 250
Operating Range–°C	-55 to 90	-55 to 121
Effect on Zero–%RO/F – MAX	± 0.002	± 0.002
Effect on Output–%RO/F – MAX	± 0.001	± 0.002
<b>ELECTRICAL</b>		
Rated Output–mV/V	3.00 ± 0.30	3.00 ± 0.30
Nominal Excitation Voltage–VDC	10	10
Bridge Resistance–Ohm (Nominal)	350	350
Zero Balance–% RO	± 1.0	± 2.0
Insulation Resistance–Megohm	5000	5000
<b>MECHANICAL</b>		
Safe Overload–% CAP	± 150	± 150
Deflection @ RO–inch	0.002	0.002
Optional Base–P/N	B302	B303
Natural Frequency–kHz	9.4	–
Weight–lb	6	9
Connector	MS3102E-14S-6P	
Seal	Glass-metal hermetic	
Flexure Material	Stainless steel	

### OPTIONS\*

Base (recommended)  
 Standardized output  
 Special connectors  
 Load button  
 Overload Protection  
 Connector Protection

### STANDARD CONFIGURATIONS

- MS3102E-14S-6P Connector (24xxBXM-nn)
- Installed base (-B suffix)

### ACCESSORIES\*

Mating connector  
 Instrumentation  
 Loading hardware

\* Please call for additional information