

제품 소개



- SLB는 다양한 범위의 용량에서 사용 가능한 고정밀, 로우 프로파일 벤딩 범입니다.
- 환경 밀봉 기능을 갖춘 완전한 스테인레스 스틸 구조는 광범위한 계량 어플리케이션을 위한 경제적인 솔루션을 제공합니다.
- 다양한 부하 도입 시스템과 함께 사용할 수 있는 Flintec 자체 정렬로드 피트와 결합 된 블라인드 홀 변형은 최적의 계량 정확도를 보장합니다.

특징 Feature

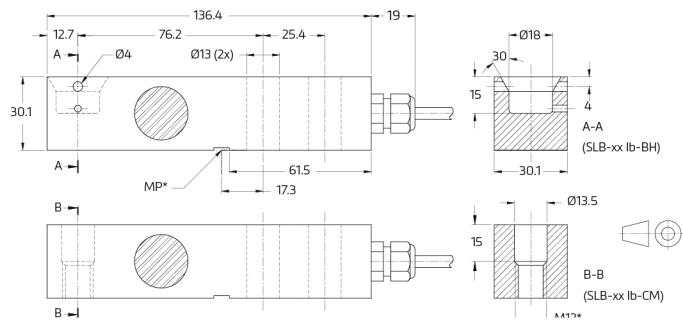
- 스테인레스 스틸 구조
- 높은 명중률
- 포팅으로 환경 친화적 인 밀봉
- 산업용 플랫폼 저울에 이상적

specifications

Maximum capacity (E_{max})	lb	200 / 500 / 1,000 / 2,500 / 5,000	
Metric equivalents (1 lb=0.45359 kg)	kg	91 / 227 / 454 / 1,134 / 2,268	
Accuracy class according to OIML R60		(GP)	C3
Maximum number of verification intervals (n_{max})		n.a.	3,000
Minimum load cell verification interval (v_{min})		n.a.	$E_{max} / 11,500$
Temperature effect on minimum dead load output (TC_0)	%*RO/10°C	± 0.0400	± 0.0122
Temperature effect on sensitivity (TC_{R0})	%*RO/10°C	± 0.0200	± 0.0100
Combined error	%*RO	± 0.0500	± 0.0200
Non-linearity	%*RO	± 0.0400	± 0.0166
Hysteresis	%*RO	± 0.0400	± 0.0166
Creep error (30 minutes) / DR	%*RO	± 0.0600	± 0.0166
Rated Output (RO)	mV/V	2 ± 0.1%	
Calibration in mV/V/Ω (A...I classified)	%	± 0.05 (± 0.005)	
Zero balance	%*RO	± 5	
Excitation voltage	V	5...15	
Input resistance (R_{iC})	Ω	1,100 ± 50	
Output resistance (R_{oU})	Ω	1,000 ± 2	
Insulation resistance (100 V DC)	MΩ	≥ 5,000	
Safe load limit (E_{lim})	%* E_{max}	200	
Ultimate load	%* E_{max}	300	
Safe side load	%* E_{max}	100	
Compensated temperature range	°C	-10...+40	
Operating temperature range	°C	-20...+65 (ATEX -20...+60)	
Load cell material		stainless steel 17-4 PH (1.4548)	
Sealing		potted	
Protection according EN 60 529		IP67	
Packet weight	kg	1.1 (200-2,500lb), 1.2 (5,000lb)	

The limits for Non-Linearity, Hysteresis, and TC_{R0} are typical values.
The sum of Non-linearity, Hysteresis and TC_{R0} meets the requirements according to OIML R60 with $pLC=0.7$.

product dimensions (mm)



Mounting bolts for 200 lb to 2500 lb: M12 8.8 / torque 90 Nm; for 5000 lb: M12 10.9 / torque 120 Nm.
Torque values assume oiled threads.
Unified thread 1/2-20 UNF is available (type designation SLB-xx-CU).
MP* - Edge of mounting plate

wiring

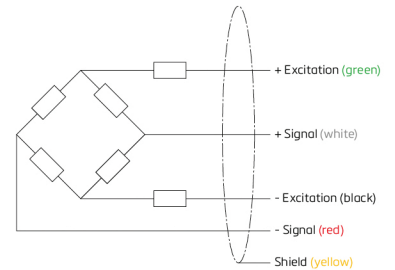
The load cell is provided with a shielded, 4 conductor cable (AWG 24).

Cable jacket: polyurethane

Cable length: 3 m

Cable diameter: 5 mm

The shield is floating
(On request the shield can be connected to the load cell body)



RoHS compliant

