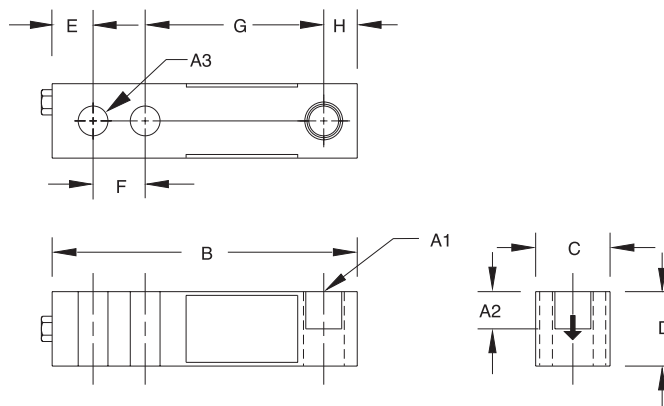


RICE LAKE WEIGHING SYSTEMS

Industrial Solutions on a Global Scale®

RL30000 Single-Ended Beam, Alloy Steel NTEP 1:5000 Class III Multiple Cell, IP67



RATED CAPACITY	DIMENSIONS									
	A1*	A2†	A3*	B	C	D	E	F	G	H
lb/inches										
250-5000SE	1/2-20 UNF-2B	.60	.53	5.12	1.25	1.25	.62	1.00	3.00	.50
5000LE-10,000	3/4-16 UNF-2B	.75	.78	6.75	1.50	1.50	.75	1.50	3.75	.75
15,000-20,000	1-12 UNF-2B	1.00	1.03	8.75	2.00	2.00	1.00	2.00	4.75	1.00
kg/millimeters										
113.4-2059.3SE	1/2-20 UNF-2B	15.2	13.5	130.1	31.8	31.8	15.8	25.4	76.2	12.7
2268.0LE-4535.9	3/4-16 UNF-2B	19.1	19.8	171.5	38.1	38.1	19.1	38.1	95.3	19.1
6803.9-9071.9	1-12 UNF-2B	25.4	26.2	222.3	50.8	50.8	25.4	50.8	120.7	25.4

* Dimension A1 is identical to A3 on the RL30002 Thru-Hole Model. † Dimension A2 applies to RL30000 Threaded-Hole Model ONLY.

SPECIFICATIONS:

Full Scale Output:	3.0 mV/V	Insulation Resistance:	5000 megohms
Bridge Resistance:	350 ohms, nominal	Deflection at Capacity:	250-1000 lb = .013"/.33mm, 2000-3000 lb = .015"/.38mm, 4000-5000 lb = .025"/.64mm, 10,000 lb = .032"/.81mm, 15,000-20,000 lb = .038"/.97mm
Material/Finish:	High-alloy steel, nickel plated	Cable Length:	20'/6.1m
Temperature:	Compensated range 14°F to 104°F/-10°C to 40°C	Cable Color Code:	Red + Excitation Black - Excitation Green + Signal White - Signal
Seal Type:	Environmentally protected, IP67	Warranty:	2 years
Safe Overload:	150% Full scale		
Rated Excitation:	10V DC (15V maximum)		
Nonlinearity:	0.03% Full scale		
Hysteresis:	0.02% Full scale		

RL30000 (THREADED HOLE) ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL30000 NTEP, Threaded-Hole Design:		
1000 lb (453.6 kg)	21491	\$295.00
2000 lb (907.2 kg)	21493	\$295.00
2500 lb (1134.0 kg)	21495	\$295.00
3000 lb (1360.8 kg)	21497	\$295.00
4000 lb (1814.4 kg)	21498	\$295.00
5000 lb-SE** (2268.0 kg)	21500	\$295.00
5000 lb-LE (2268.0 kg)	21501	\$375.00
10,000 lb (4535.9 kg)	21503	\$375.00
RL30000 Non-NTEP, Threaded-Hole Design:		
250 lb (113.4 kg)	17341	\$295.00
500 lb (226.8 kg)	17342	\$295.00
15,000 lb (6803.9 kg)	28759	\$645.00
20,000 lb (9071.9 kg)	17109	\$645.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

** SE: Denotes small envelope

RL30002 (THRU HOLE) ORDER INFORMATION

Load Rating	Part #	Suggested List Price
RL30002 NTEP, Thru-Hole Design:		
1000 lb (453.6 kg)	21521	\$295.00
2000 lb (907.2 kg)	21522	\$295.00
2500 lb (1134.0 kg)	21523	\$295.00
4000 lb (1814.4 kg)	21524	\$295.00
5000 lb-SE** (2268.0 kg)	21525	\$295.00
Conduit Adapter Kit* (must be factory installed to maintain warranty)		
3/8-24 Nipple	31533*	\$15.00
3/8-24 to 1/4-18 NPT	31534*	\$15.00

* Parts #31533 and #31534 must be installed together to form the Conduit Adapter Kit.

INTERCHANGEABLE PRODUCTS

Manufacturer	Model
Threaded-Hole Design:	
Revere Transducers	(see page 238) 5123
Tedea-Huntleigh	(see page 306) 3411
Artech	30310

WEIGH MODULE AVAILABLE

Model	Page #
RL1800 Series	40
RL50210TA	30

USA: 800-472-6703 • Canada/Mexico: 800-321-6703 • International: 715-234-9171

Prices & Specifications subject to change without notice