

RC3

Stainless Steel, Hermetically Sealed, NTEP Certified 1:10,000 Class III Multiple Cell, OIML C3, IP69K



APPROVALS



Interchangeable Products

FAIRBANKS®*

30t LCFHR4020-2A..... 70510

Specifications

Full Scale Output:

2.0 mV/V

Output Resistance:

1,000 (± 2) ohm

Input Resistance:

1,150 (± 50) ohm

Material/Finish:

Stainless steel

Temperature:

Compensated range

14°F to 104°F (-10°C to 40°C)

Operating range

0°F to 150°F (-18°C to 65°C)

Seal Type:

Hermetically sealed, IP69K

Safe Overload:

200% full scale

Safe Sideload:

200% full scale

Rated Excitation:

5-10 VDC (15 V maximum)

Combined Error:

0.02% full scale

Insulation Resistance:

5,000 megohms

Cable Length:

18 m (59.1 ft) = 30 t to 50 t

40 ft (12.2 m) = 7.5 t to 22.5 t

Cable Diameter:

0.307 polyurethane jacket

Cable Color Code:

Green +Excitation

Black -Excitation

White +Signal

Red -Signal

Yellow Shield

Warranty:

One-year limited warranty

Approvals:

FM

NTEP

OIML

Dimensions

Picture is a representation of actual product

Rated Capacity	H1	H2	H3	H5	H7	H8	D1	D2
t/in								
7.5-22.5	3.50	1.73	0.67	0.43	1.10	2.95	1.10	2.56
30t	5.51	2.76	1.20	0.51	1.55	3.31	1.55	3.19
40t	5.91	2.95	1.22	0.51	1.55	3.31	1.55	3.19
50t	7.01	3.50	1.26	0.67	1.73	3.71	1.73	3.90
t/mm								
7.5-22.5	89.0	44.0	17.0	11.0	28.0	75.0	28.0	65.0
30t	140.0	70.0	26.0	13.0	39.0	84.0	39.0	81.0
40t	150.0	75.0	31.0	13.0	39.0	84.0	39.0	81.0
50t	178.0	89.0	32.0	17.0	44.0	94.0	44.0	99.0

Order Information

Load Rating	Part #	Est. Weight	Price
7.5t	168944	3 lb	Consult
15t	168946	3 lb	Consult
22.5t	168947	3 lb	Consult
30t	84203	7 lb	Consult
40t	84204	9 lb	Consult
50t	84205	10 lb	Consult
Options			
Upper cup (50t)	111365	5 lb	Consult
Lower cup (50t)	111366	5 lb	Consult
Upper cup (50t)	154107	5 lb	Consult
Lower cup (50t)	154106	5 lb	Consult

The kits for the RC3 cells are on page 105. Cups 111365 and 111366 are used in kits 129844 and 111367. Cups 154107 and 154106 are used in kits 154347, 154348 and 154349.

