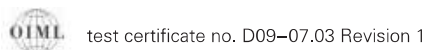


# BM14C



- Stainless steel IP68 compression load cell
- Hermetically sealed
- Suitable for vehicle and hopper scales and vehicle testing facilities
- Built in surge arrestors
- High accuracy
- Current calibrated (sc-option)



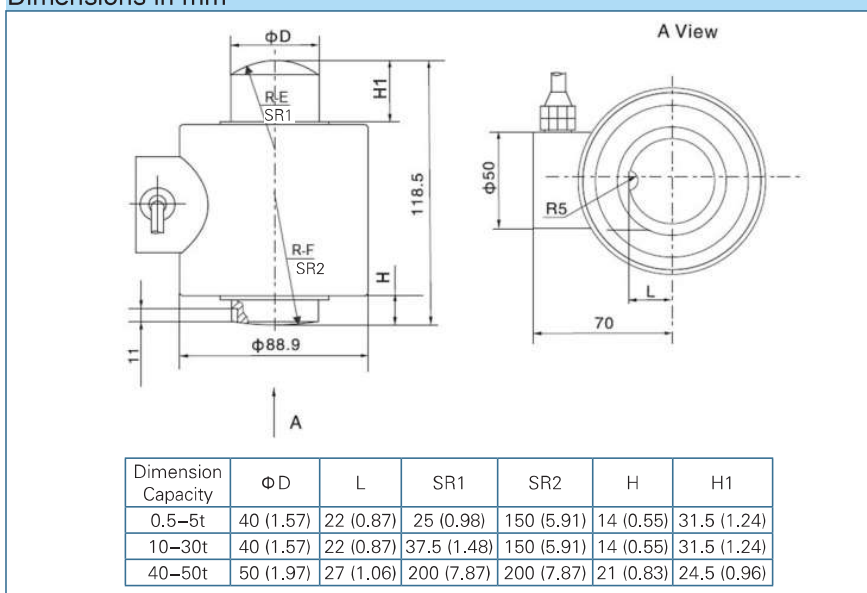
### Available models

Capacity	Accuracy	Full article description
0.5 t	C3 Excluded from OIML	BM14C-C3-0.5t-15B
1.0 t	C3 Excluded from OIML	BM14C-C3-1.0t-15B
2.0 t	C3 Excluded from OIML	BM14C-C3-2.0t-15B
3.0 t	C3 Excluded from OIML	BM14C-C3-3.0t-15B
5.0 t	C3 Excluded from OIML	BM14C-C3-5.0t-15B
10 t	C3/C4	BM14C-C3/C4-10t-15B
20 t	C3/C4	BM14C-C3/C4-20t-15B
25 t	C3/C4	BM14C-C3/C4-25t-15B
30 t	C3/C4	BM14C-C3/C4-30t-15B
40 t	C3/C4	BM14C-C3/C4-40t-15B
50 t	C3/C4	BM14C-C3/C4-50t-15B

### Specification

Accuracy class		C3	OIML R60 C3	OIML R60 C4
Output sensitivity ( = FS )	mV/V	2.0 ± 0.002		
Maximum capacity ( Emax )	t	0,5, 1, 2, 3, 5	10, 20, 25, 30, 40, 50	
Maximum number of load cell intervals ( nLC )			3000	4000
Ratio of minimum LC verification interval Y = Emax / vmin			10000	15000
Combined error	%FS		± 0.023	± 0.0174
Minimum dead load	t		0	
Safe overload	of Emax		150 %	
Ultimate overload	of Emax		300 %	
Zero balance	%FS		± 1.0	
Excitation, recommended voltage	V		5 ~ 12( DC )	
Excitation maximum	V		18( DC )	
Terminal resistance, input	Ω		700 ± 7	
Terminal resistance, output	Ω		703 ± 4	
Insulation impedance	MΩ		≥ 5000 ( at 50VDC )	
Temperature range, compensated	°C		-10 ~ +40	
Temperature range, operating	°C		-35 ~ +65	
Element material			Stainless steel	
Ingress Protection (according to EN 60529)			IP68	
ATEX classification (optional)		II1G Ex ia IIC T4	II1D Ex iaD 20 T73°C	II3G Ex nL IIC T4

### Dimensions in mm



### Wiring

