

- Stainless steel IP68 low profile load cell
- Hermetically sealed
- Suitable for hopper, platform and pallet scales
- Integrated static overload protection up to 13t



### AVAILABLE MODELS

Capacity	Accuracy	Full article description
60 kg	C3/C4/C5	BM24R -60kg -C3/C4/C5 -3G
130 kg	C3/C4/C5	BM24R -130kg -C3/C4/C5 -3G
280 kg	C3/C4/C5	BM24R -280kg -C3/C4/C5 -3G
250 kg	C3/C4/C5	BM24R -250kg -C3/C4/C5 -3G
500 kg	C3/C4/C5	BM24R -500kg -C3/C4/C5 -3G
1 t	C3/C4/C5	BM24R -1t -C3/C4/C5 -3G
2 t	C3/C4/C5	BM24R-2t -C3/C4/C5 -6G
3.5 t	C3/C4/C5	BM24R-3.5t -C3/C4/C5 -6G
5 t	C3/C4/C5	BM24R-5t -C3/C4/C5 -6G
10 t	C3/C4/C5	BM24R-10t -C3/C4/C5 -15G
13 t	C3/C4/C5	BM24R-13t -C3/C4/C5 -15G
28 t	C3/C4/C5	BM24R-28t -C3/C4/C5 -15G
60 t	C3/C4/C5	BM24R-60t -C3/C4/C5 -15G



OIML test certificate no. TC7865 Revision 1  
C of C no R60/2000-NL1-11.21

Certificate no. 11-103A1

### SPECIFICATION

Accuracy class	OIML R60 C3 / OIML R60 C4 / OIML R60 C5						
Output sensitivity (= FS)	mV/V	1±0.01	1.75±0.1	2.0±0.1	2.0±0.1	2.0±0.1	2.0±0.1
Maximum capacity (E <sub>max</sub> )	t	0.06/0.13/0.28	0.25	0.5/1/ 2/3.5/5/10	13	28	60
Maximum number of load cell intervals (nLC)		C3=3000, C4=4000, C5=5000					
Ratio of minimum LC verification interval Y=E <sub>max</sub> /V <sub>min</sub>		C3=10000, C4 and C5=16000					
Combined error	%FS	C3=±0.0230, C4=±0.0174, C5=±0.0140					
Minimum dead load	%FS	0					
Safe overload	%FS	150					
Safe sideload	%FS	75					
Zero balance	%FS	± 1.0					
Excitation, recommended voltage	V	10 ~ 15 (DC)					
Excitation maximum	V	30 (DC)					
Input resistance	Ω	1260 ±100	1100 ±100	1100 ±100	1200 ±100	1075 ±100	1350 ±200
Output resistance	Ω	1020 ± 0.5	1025 ± 25	1025 ± 25	1000 ± 0.5	930 ± 0.5	1175 ± 0.5
Insulation resistance	MΩ	≥ 5000 (50VDC)					
Compensated temperature	°C	-10 ~ +40					
Operating temperature	°C	-35 ~ +65					
Temperature range, storage	°C	-40 ~ +70					
Element material		Stainless steel					
Ingress protection (according to EN 60529)		IP68					
Recommended torque on fixation	N.m	M5: 3.5 M6:10					
ATEX classification (optional)		II1G Ex ia IIC T4 Ga, II1D Ex ia IIIC T73°C, II3G Ex ic IIC T4 Gc, II3G Ex nA IIC T4 Gc, II3D Ex tc IIIC T63°C Dc					

### DIMENSIONS IN MM

