

BM14K

- Stainless steel IP68 compression load cell
- Hermetically sealed
- Suitable for hopper scales and vehicle testing facilities
- Built in surge arrestors



OIML test certificate no. D09-07.02

Certificate no. 10-087

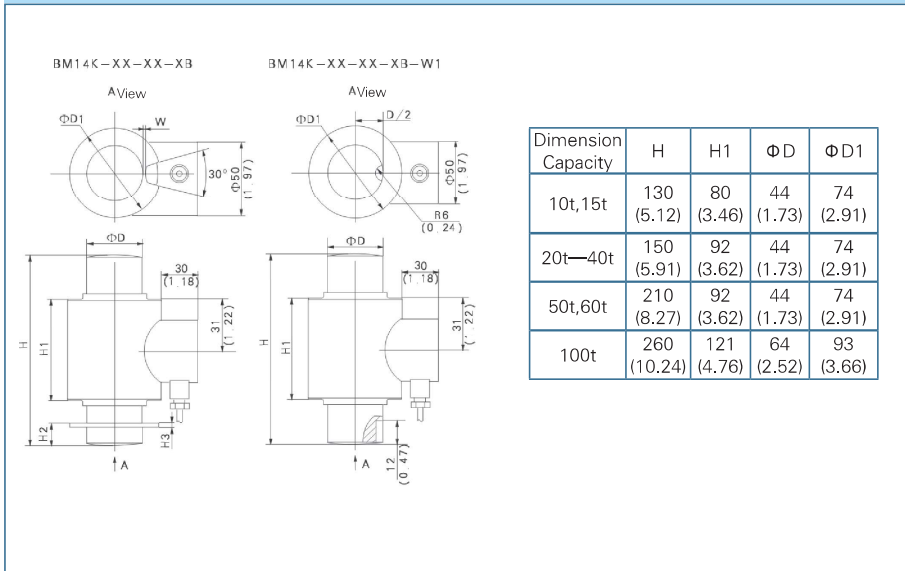
Available models

Capacity	Accuracy	Full article description
t	C3	BM14K-C3--XXB6
t	C3	BM14K-C3--XXB6-W1

XX is the length of the cable code, XX is 12(10t-30t) or 20(40t-100t).

Specification

Accuracy class		OIML R60 C3	
Output sensitivity (= FS)	mV/V	2.0 ± 0.002	
Maximum capacity (Emax)	t	10, 15, 20, 30, 40, 50	60, 100
Maximum number of load cell intervals (nLC)		3000	
Ratio of minimum LC verification interval Y = Emax / vmin		7000	9000
Combined error	%FS	± 0.020	
Minimum dead load	of Emax	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	
Storage temperature	°C	-40 ~ +70	
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
