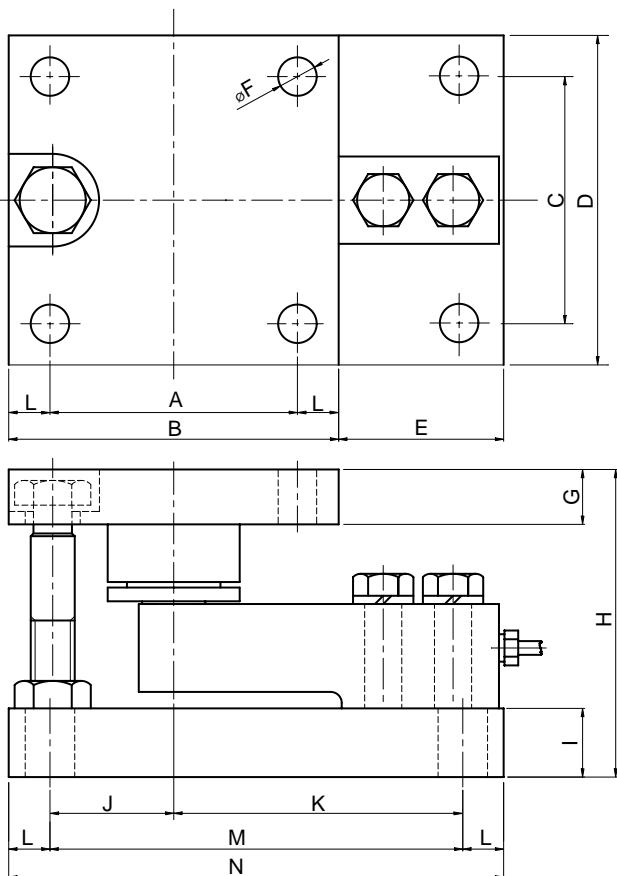


## Weigh Module

### Model BMK Series

Specially Designed For  
Hopper, Bin And Tank(200Kg~5t)



#### Dimension-mm

Rated Capacity	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Weight (kg)
200kg ~ 2t(1.961KN~19.61KN)	90	120	90	120	60	14	20	107	20	45	105	15	150	180	8.0
3t ~ 5t(29.42KN~ 49.03KN)	110	150	110	150	80	18	25	135	30	55	135	20	190	230	15.0

\* Specifications are subject to change without notice

JAN.2001

- Self centering design for accurate weighing.
- Self checking and overlift protection structure for no check rods needed.
- Fully welded stainless steel loadcell or fully sealed nickel plated load cells.
- Stainless steel or zinc plated steel mounting kit.

### SPECIFICATIONS

MODEL	BMK11, BMK12	BMK21, BMK22
Rated capacity (R.C.)	200Kg, 500kg, 1t, 2t, 3t, 5t	
Rated output(R.O.)	3mV/V ± 0.25%	2mV/V ± 0.25%
Load cell model	OSBK, OSBH	OSW
Non-linearity	≤ 0.03% R.O.	
Hysteresis	≤ 0.02% R.O.	
Non-repeatability	≤ 0.02% R.O.	
Creep error	≤ 0.03% in 20min.	
Zero balance	≤ 1% R.O.	
Compensated temperature range	-10 ~ 70°C	
Operating temperature range	-20 ~ 80°C	
Temp. effect on rated output	≤ 0.02% LOAD/10°C	
Temp. effect on zero balance	≤ 0.03% R.O./10°C	
Terminal input resistance	400 Ohms ±20 Ohms	
Terminal output resistance	350 Ohms ±5 Ohms	
Insulation resistance (Min.)	2000 MOhms at 50V DC	
Excitation Voltage	10V(Recommended) /15V(Maximum)	
Electrical connection	200Kg ~ 2t (22AWG x 4Core Shielded) / 3t ~ 5t (22AWG x 4Core Shielded)	
Protection class	meets IP 67	
Safe overload	150% R.C	
Ultimate overload	300% R.C	

### ORDERING INFORMATION

#### BMK 1 1 - 2 T

##### CAPACITY

200Kg, 500kg, 1t, 2t, 3t, 5t

##### MOUNTING KIT MATERIAL

- 1- Zinc Plated Steel
- 2- Stainless Steel

##### LOAD CELL MODEL

- 1- OSBK or OSBH  
(Fully sealed nickel plated steel)
- 2- OSW (Fully welded stainless steel)

### WIRING INFORMATION

RED : EXC. (+) WHITE : EXC. (-)  
GREEN : SIG. (+) BLUE : SIG. (-)  
BARE : GND