

SINGLE POINT LOAD CELL

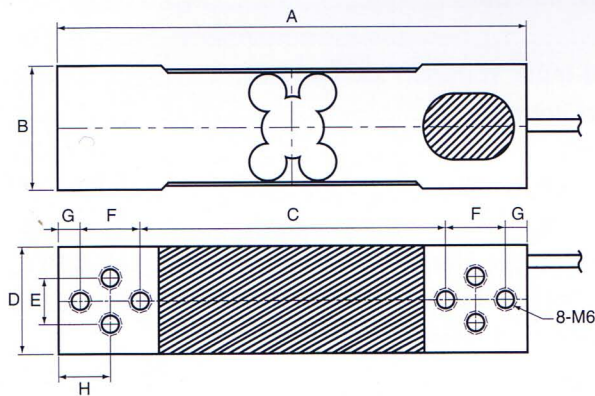
MODEL: **NBB**

Applications

- Bench Scale
- Platform Scale



Outline



Standard Specifications

Rated Capacity.....	350N~5KN
Rated Output.....	$2 \pm 0.05\text{mV/V}$
Zero Balance.....	$\pm 0.03\%\text{R.O.}$
Creep Error (20 minutes).....	$\pm 0.025\%\text{R.O.}$
Repeatability.....	$\pm 0.02\%\text{R.O.}$
Recommended Input Voltage.....	10V
Maximum Input Voltage.....	15V
Input Resistance.....	$402 \pm 3\Omega$
Output Resistance.....	$350 \pm 3\Omega$
Compensated Temperature Range.....	$-10 \sim +40^\circ\text{C}$
Operating Temperature Range.....	$-20 \sim +60^\circ\text{C}$
Temperature Effect on Zero Balance.....	$\pm 0.01\%\text{R.O./}^\circ\text{C}$
Temperature Effect on Rated Output.....	$\pm 0.01\%/^\circ\text{C}$
Safe Overload Rating.....	150%R.C.
Ultimate Load.....	200%R.C.
Material.....	Aluminum
Sealing.....	Potted
Protection Class.....	IP 65
Maximum Platform Size.....	500x500mm
Cable.....	$\phi 6$ shielded wire round cable 2m long

Dimensions

MODEL	ITEM	RATED CAPACITY		A	B	C	D	E	F	G	H
NBB-350N		350N	35.69kgf	150	40	78.4	35	15	19	7	16.5
NBB-600N		600N	61.18kgf	150	40	78.4	35	15	19	7	16.5
NBB-1KN		1KN	101.9kgf	150	40	78.4	35	15	19	7	16.5
NBB-2KN		2KN	203.9kgf	150	40	78.4	35	15	19	7	16.5
NBB-3KN		3KN	305.9kgf	150	40	78.4	35	15	19	7	16.5
NBB-5KN		5KN	509.9kgf	150	40	78.4	35	15	19	7	16.5

UNIT: mm