

H6G



- Alloy steel IP66 single point load cell
- Nickel plated
- Suitable for platform, belt and other electronic scales
- Maximum platform size: 600 x 600 mm

Available models

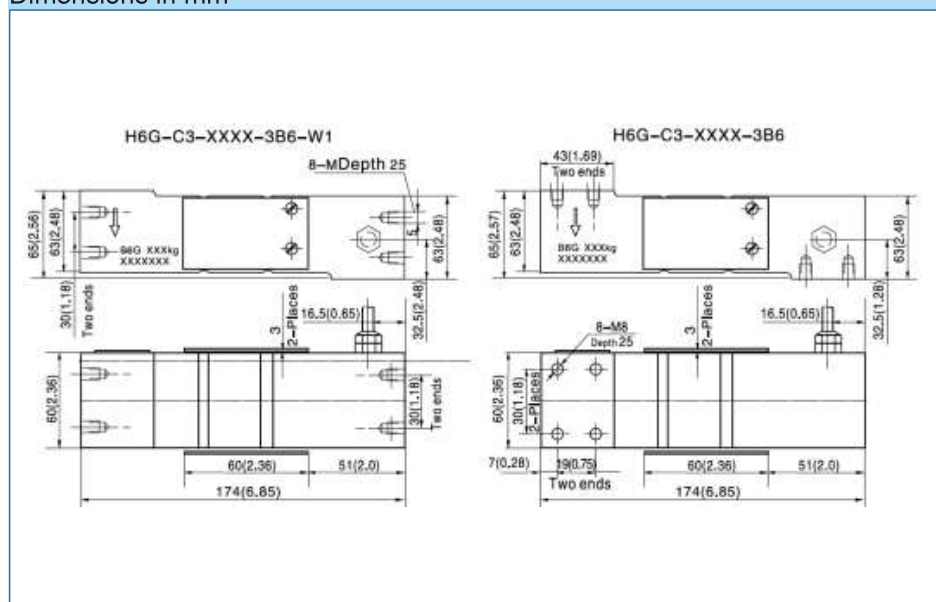
Capacity	Accuracy	Full article description
100 kg	C3	H6G-C3-100kg-3G6
150 kg	C3	H6G-C3-150kg-3G6
200 kg	C3	H6G-C3-200kg-3G6
250 kg	C3	H6G-C3-250kg-3G6
300 kg	C3	H6G-C3-300kg-3G6
500 kg	C3	H6G-C3-500kg-3G6
600 kg	C3	H6G-C3-600kg-3G6

Specification

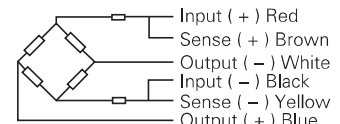
Accuracy class		C3
Output sensitivity (= FS)	mV/V	2.0 ± 0.2
Maximum capacity (Emax)	kg	100, 150, 200, 250, 300, 500, 600
Maximum number of load cell intervals (nLC)		3000
Ratio of minimum LC verification interval Y = Emax / vmin		7500
Combined error	%FS	± 0.020
Safe overload	of Emax	150 %
Ultimate overload	of Emax	300 %
Zero balance	%FS	± 1.0
Excitation, recommended voltage	V	5 ~ 12 (DC)
Excitation maximum	V	18 (DC)
Terminal resistance, input	Ω	384 ± 4
Terminal resistance, output	Ω	351 ± 2
Insulation impedance	MΩ	≥ 5000 (at 50VDC)
Temperature range, compensated	°C	-10 ~ +40
Temperature range, operating	°C	-35 ~ +70
Element material		Alloy steel, nickel plated
Ingress Protection (according to EN 60529)		IP66
Recommended torque on fixation bolts	N.m	20
ATEX classification (optional)		II1G Ex ia IIC T4 II1D Ex iaD 20 T73°C II3G Ex nL IIC T4

Note: "S1" Output Sensitivity is 2.0+/-0.002mv

Dimensions in mm



Wiring



- Shielded, 6 conductor cable.
- Standard cable length: 3m.
- Transparent shield.
- Cable type and cable length for customer's own application are available on request.
- Shield not connected to element.