

HAK-BTY-M

Self-restoring Rocker-pin Module

Description

Capacities: (Emax)
10,20,30,40,50,60t

Rated output:
2.0mV/V
Digital: 1,000,000d

Grade/Accuracy:
C3 OIML R60

Material of elastomer:
Alloy steel or stainless steel

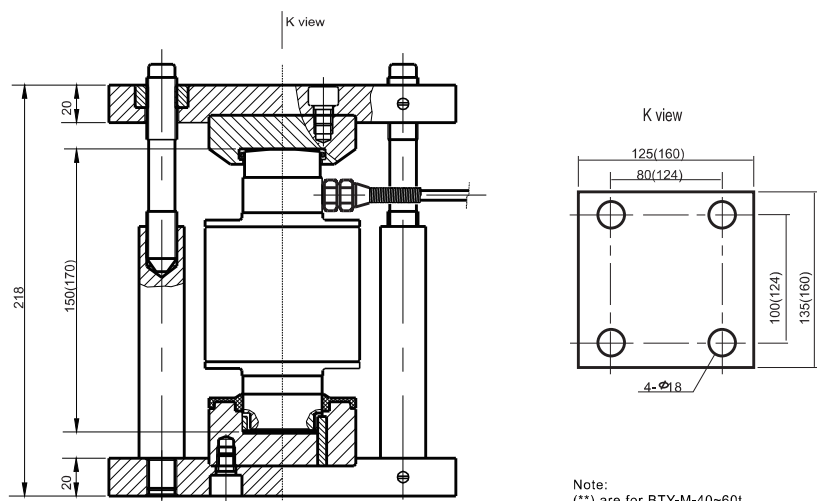
Execution standard:
GB/T 7551-2008 Certificate
(eqv OIML R60)
Combined error: 0.015%

Sealed to IEC 529:
Protection grade: IP67 or IP68.
Protection against total immersion
in water for 30 minutes at a pressure
corresponding to a 1 m head of water.



Dimensions

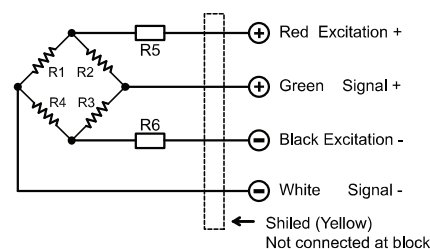
(In mm, 1mm=0.03937inches)



Circuit Diagram

Electrical Termination

4 Cores cable standard lengths:
≤30t: 12m, ≥40t: 16m
Cable Diameter: Ø6
Connection:
Refer to the following drawing:



Note:
6 Cores cable is optional.
Do not change the length of cable, or lese,
it will effect the sensitivity of load cell.

Specification

Item/Parameter	C3	Unit
Rated load(Emax):	10,20,30,40,50,60	t
Maximal numbers of loadcell verification intervals (Nlc):	3000	d
Minimum number of loadcell verification intervals (Vmin)	0.01	% of rated load
Rated output (Cn):	2.0 ± 0.1%	mV/V
*Combined error:	0.015	% of rated output
Temperature effect on sensitivity (TKc):	0.0012	% of rated output/°C
Temperature effect on zero balance (TK0):	0.0008	% of rated output/°C
Zero balance:	1.0	% of rated output
Input resistance (RIc):	775 ±10	Ω(Ohms)
Output resistance (Ro):	702 ±2	Ω(Ohms)
Insulation resistance:	≥5000	MΩ(Mega-Ohms)
Safe overload:	150%	% of rated capacity
Operating temperature range:	-20~+70(180 Optional)	°C
Recommend excitation:	5~18	V(DC or AC)
Maximum excitation:	24	V(DC or AC)
Material of elastomer:	Alloy Steel / Stainless Steel	
Protection class:	IP67/IP68	

The data for deviation of synthesis error,TK0,TKc are typical values. The sum of these data meets the requirements according to OIML R60