

JC6000 JOYSTICK CONTROLLER HANDLE OPTIONS



HKN

The HKN handle is the simplest option available for the JC6000. This handle does not include any additional functionality, but is designed to allow the joystick to be controlled by the operator gripping the handle palm downwards.

NH or NHF

These options are selected when no handle is required to be fitted. NHF option has wires fitted to the joystick connector on the base, through the operating lever.

HB

Developed to replicate the functionality of the traditional mechanical handle, the HB range of hand grips can be specified with either a button or rocker switch, mounted into the top of the handle, within easy reach of the operator's thumb. These can be configured as a 'Person Present' feature or, for example, the steer signal for an access platform.



A RANGE

Designed to meet the demands for more complex control systems in off-highway applications, the 'A' range of ergonomic hand grips can be fitted with a combination of analogue outputs, push button and 'Person Present' switches. The handle can be specified with two independent analogue outputs generated by proportional rockers which, in turn, provide auxiliary directional switching in addition to the potentiometric output. When coupled with the two axis JC6000 base joystick this unit can provide a four-axis controller.

This handle can also be purchased separately, for fitting to customer levers or assemblies. Ask our sales team for more details on this option.

MG

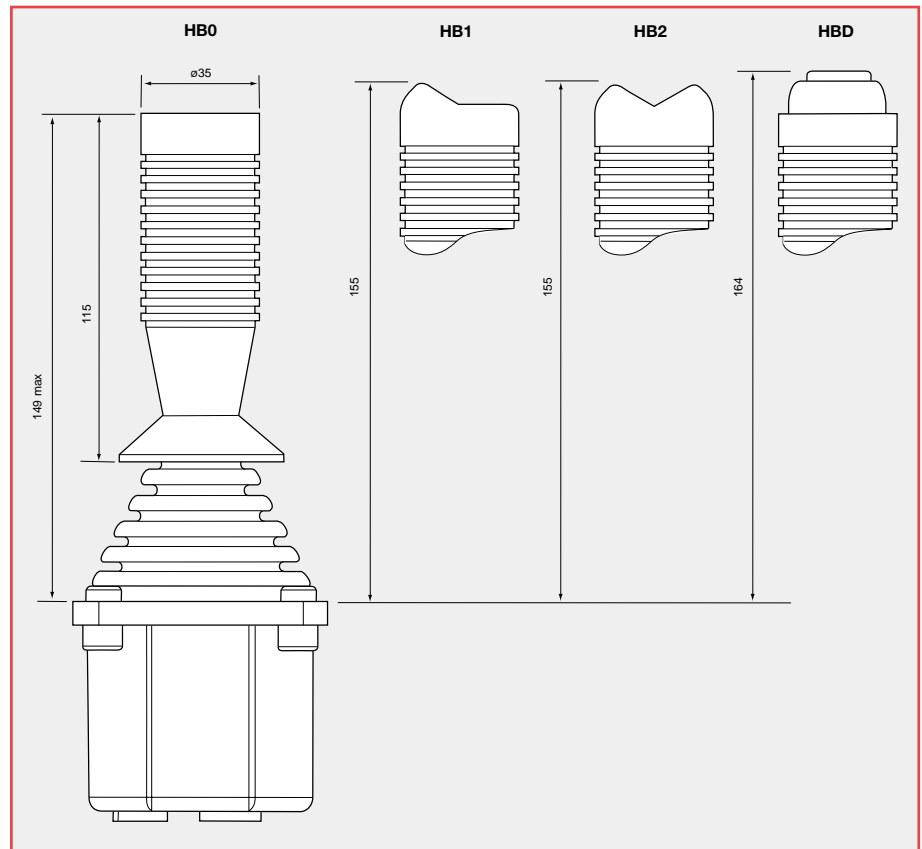
Designed to provide a simple approach to a 'Person Present' handle whilst offering the flexibility of switch options in the top of the handle. The profile of the MG handle ensures the operator's fingers are permanently close to the buttons, minimising operator fatigue and maximising functional control. The handle can be supplied with or without a hand rest and can be configured with a combination of trigger lever, single or dual switches.

This handle can also be purchased separately, for fitting to customer levers or assemblies. Ask our sales team for more details on this option.



HB HANDLE OPTIONS

DIMENSIONS



SPECIFICATION

| | | H B 0 | H B 1 | H B 2 | H B D |
|--|-----------|--------------|------------------|------------------|------------------|
| Maximum height above flange | mm | 149 | 155 | 155 | 164 |
| Maximum grip diameter | mm | 35 | 35 | 35 | 35 |
| Environmental sealing (IEC 60529) | | IP65 | IP65 | IP65 | IP65 |
| Number of switches | | 0 | 1 | 2 | 1 |
| Action | | | Momentary rocker | Momentary rocker | Momentary button |
| Switch operating force | N | - | - | - | 7 |
| Maximum current @ 30Vdc | A | - | 2.5 | 2.5 | 5 |
| Expected life (operations) | | 100,000 | 100,000 | 100,000 | 100,000 |

ELECTRICAL CONNECTIONS

| | | | |
|-----------------------------|----|----|----|
| Common terminal | 11 | 11 | 11 |
| N/O contact switch 1 | 4 | 4 | 1 |
| N/C contact switch 1 | 1 | | |
| N/O contact switch 2 | | | 1 |

Note: Signals terminate on the 12 way connector (potentiometer version) or the 16 way connector (Hall sensor version)



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Penny & Giles

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commercial and industrial
applications.

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