



Picture showing dome with handles only

## **MODEL 6509 INTEGRATED ELECTRONIC CONTROL HEAD**

The compact design of this control head allows it to be fitted into small spaces. The upper portion is of a water tight construction and can, therefore, be installed anywhere on board ship. It is made entirely in bronze and stainless steel and is well adapted to the harsh marine environment.

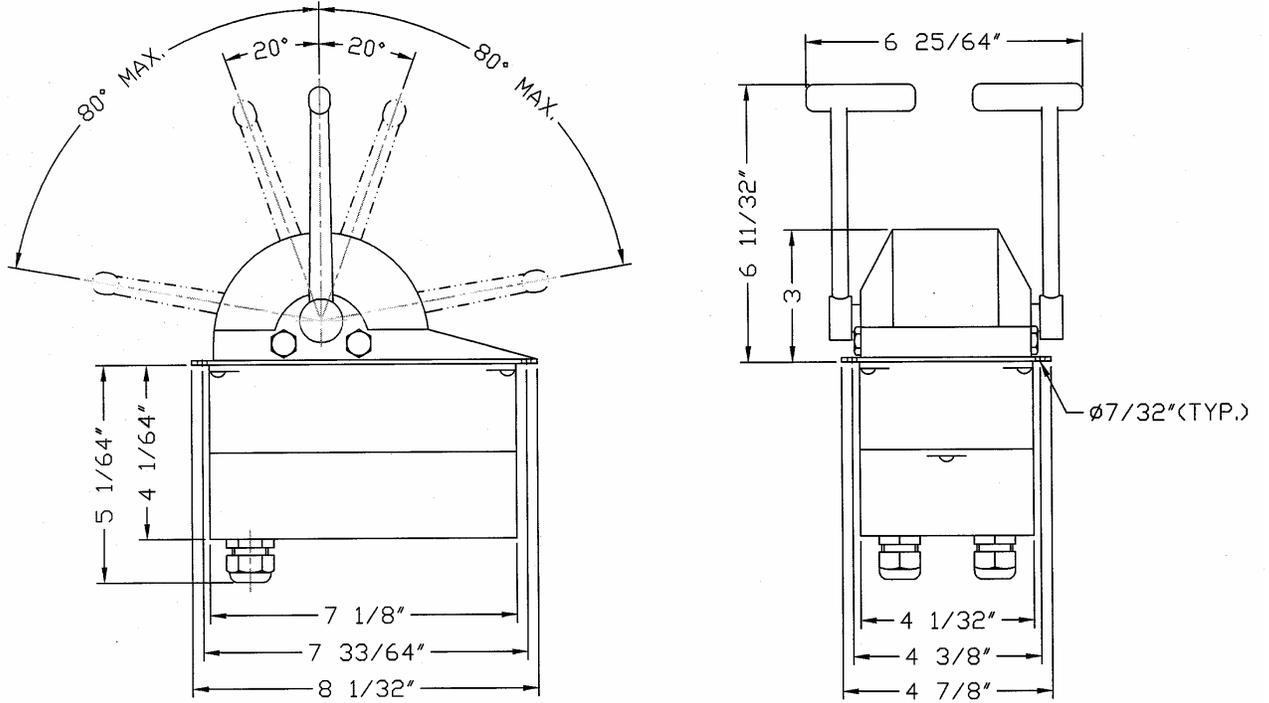
The 6509 control head is also available in a single engine configuration. Non-illuminated side decals can be attached to the control head for fixed propulsion applications.

The membrane key pad has four standard switches and provides:

- Station Select
- Station Lock
- Overriding Throttle
- Engine Synchronization

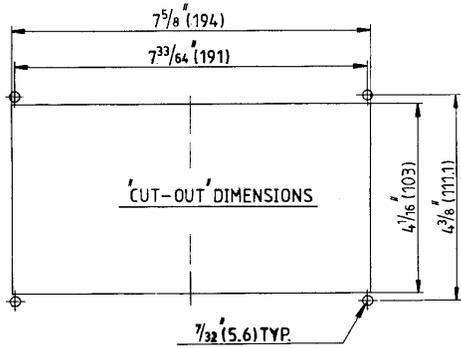
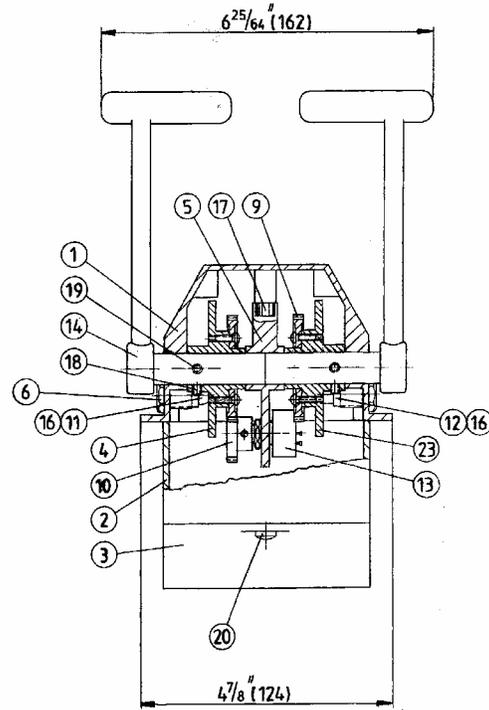
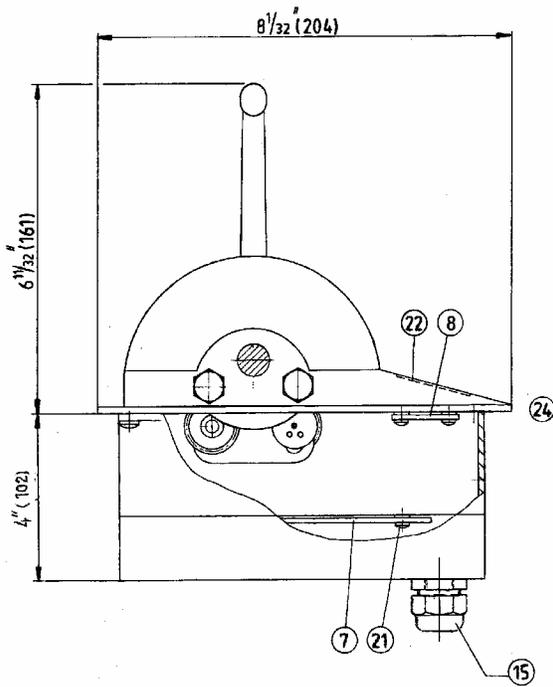
Trolling valve options are also available in place of either one of the above four switches. The membrane has back lit lenses that indicate which function is working.

# MODEL 6509



All Dimensions in inches (mm)

# DIMENSIONS AND PARTS LIST MODEL 6509



| Item | Qty | Part Number | Description            |
|------|-----|-------------|------------------------|
| 1    | 1   | 6509-0001   | Dome                   |
| 2    | 1   | 6509-0002   | Lower Box              |
| 3    | 1   | 6509-0003   | Cover                  |
| 4    | 1   | 6509-0004   | Cam (right)            |
| 5    | 1   | 6509-0006   | Pot Bracket            |
| 6    | 4   | 6509-0007   | Friction / Detent Plug |
| 7    | 1   | 6541-0001   | Head Board             |
| 8    | 1   | 6519-1001   | Interface Board        |
| 9    | 2   | 6509-3264   | Gear YP-3264 mod       |
| 10   | 2   | .YPB-3232   | Gear                   |
| 11   | 2   | 2012-0007   | Detent                 |
| 12   | 2   | 2542-0008   | Friction Plug          |
| 13   | 2   | POT-5       | Potentiometer, 5K      |
| 14   | 2   | 6509-0014   | Handle                 |
| 15   | 2   | 6001-0249   | Connection Gland       |
| 16   | 2*  | 1201-0062   | Spring                 |
| 17   | 2   | 1002-1010   | Hex Socket Hd Screw    |
| 18   | 2   | 1016-0804   | Hex Socket Set Screw   |
| 19   | 2   | 1024-0816   | Spring Pin             |
| 20   | 6   | 1010-0804   | Round Hd Philips Screw |
| 21   | 12  | 1012-0606   | Pan Hd Philips Screw   |
| 22   | 1*  | 6509-0019   | Switch Pad             |
| 23   | 1   | 6509-0005   | Cam (left)             |
| 24   | 1*  | 6509-0018   | Gasket                 |

\* Items not shown