

 BHOPAL	HYDRO PROJECT ENGINEERING DIVISION	SPECIFICATION NO.	REV.NO.
	TITLE : SPECIFICATION OF EMERGENCY CLOSING VALVE	241595357	00
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PROJECT : TANAKPUR HEP

i) SCOPE OF SUPPLY:

A) EMERGENCY CLOSING VALVE.:

Emergency closing valve shall be manufactured as per the drawing no. 02300449003 rev.10. (All the items are in vendor scope).

a) **Solenoid Operated Valve (Item No. 33 of Drg. 02300449003 Rev.10)**

This is a 4 ways, 2 positions, Solenoid operated, detented spool, valve with manual over-ride facility, for the controlling the slide valve

- | | |
|----------------------------|---|
| 1. Valve size | - Ø6 |
| 2. Normal working Pressure | - 40 kg/cm ² |
| 3. Test Pressure | - 60 kg/cm ² |
| 4. Operating medium | - Turbine oil to ISO VG-68/46 |
| 5. Capacity of the valve | - approx. 40 LPM |
| 6. Manual over-ride device | - Required. |
| 7. Solenoid type | - Wet type (Oil immersed) |
| 8. Insulation to DIN 40050 | - IP 65 or better |
| 9. Duty | - Continuous |
| 10. Electrical connector | - Large angled plug to DIN 43050 with LED indicator |
| 11. Seal material | - VITON |

Make - M/s Rexroth / Yuken / Hydac / Eaton /Atos/ Parker

All the dimensions shown in the drawing 02300449003 Rev.10 & its part drawing is to be maintained by the supplier

REV .NO.		DISTRIBUTION.	QTY.	APPROVED: PKB			
PREPARED							
CHECKED		HPE	01	PREPARED	CHECKED	ISSUED	DATE
APPROVED		MHX	04				
DATE				YS	SPS	PKB	17.08.19

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ii) **TEST CERTIFICATES :-**

Testing shall be carried out as per the drawing & for the same test certificate is to be provide by supplier.

iii) **GUARANTEE/ WARRANTY CERTIFICATE**

Items shall be guaranteed/warranted for a period 18 months from the date of supply