



**PRODUCT STANDARD
TURBINES & COMPRESSORS**

TC 58035

REV 01

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STOP VALVE

1.0) SCOPE :

This standard specifies the requirement of Stop Valve used for pressure gauges with lock and shank connection in bearing pedestal assembly of Steam turbine.

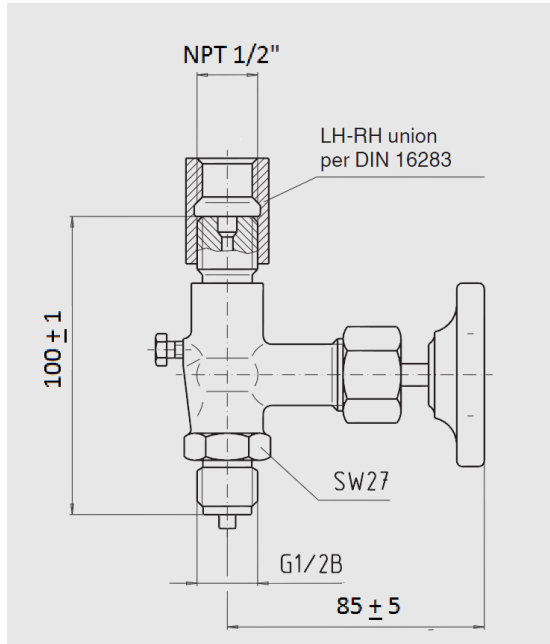
2.0) TECHNICAL REQUIREMENTS:

- a. Description : Stop Valve, without test connection & with vent screw
- b. Material
 - 1. Valve body : Stainless-Steel (X6CrNiMoTi 17 12 2 – DIN17440 or equivalent).
 - 2. Needle & seating : Corrosion and acid resistant stainless steel
 - 3. Packing : PTFE
 - 4. Hand Wheel : Heat-resistant plastic.
- c. Valve as per standard : DIN 16270
- d. Form : A
- e. Operating pressure : 250 kg/sq.cm (Max.: 400 kg/sq.cm)
- f. Temperature Range : -20^oC to +200^oC.

All technical delivery conditions shall be as per DIN 16270 except female end connection being NPT1/2” in place of G1/2”. All other details shall be as per the standard DIN 16270 and the figure shown below.

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3.0) ACCEPTANCE TEST CERTIFICATE:

Test certificate shall be as per DIN 50049 / EN 10204 3.1

4.0) GUARANTEE CERTIFICATE:

A Guarantee certificate for 24 months of trouble free operation from the date of shipment or 12 months from the date of commissioning whichever is earlier shall be furnished.

5.0) DOCUMENTS:

Technical literature shall accompany the offer.

6.0) PACKING:

The material shall be properly packed to ensure that it is capable of withstanding transit risks without damage.



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7.0) MARKING:

7.1) A tag bearing the relevant 12 digit material code of BHEL shall be attached for each item.

7.2) The following details shall be marked on packing case:

1. Manufacturer's Name
2. BHEL Order No.
3. BHEL Standard No.

8.0) BHEL CODIFICATION: TC 9758035010 (for Variant 01)

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RECORDS OF REVISION

REV.	DATE	REV. DETAILS	REVISED	APPROVED
00	15-11-95	NEW	D.S.R	D.S.R
01	17-05-13	Technical requirements (Clause 2.0) revised.	Santosh.	Ashok.

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