

RADIATOR VALVES For Transformers



VIAT

INSTRUMENTS

VI-C06A(R0)

**A House of
Transformer
Accessories**

THROTTLE VALVE FOR TRANSFORMER RADIATORS

Size 80mm. Pad Lockable Type. Forged Steel Body

Ref. Standard EN50216-8



**Series 203 Flange Type
Metal To Metal Sealing**



**Series 203 Plate Type
Metal To Metal Sealing**



**Series 204 Flange Type
Metal To Metal Sealing**



**Series 213 Flange Type
Zero Leakage**



**Series 213 Plate Type
Zero Leakage**

FEATURES

- Zero leakage for 'O' Ring sealing models (Series 213).
- Maximum allowable leakage through flap less than 1cc/minute with transformer oil at 1kg/cm² for metal to metal contact models (Series 203, 204).
- Forged steel body.
- 100% pressure testing for leakage through flap.
- Strong and sturdy construction for maintenance free service.
- Locking possible at both open and shut position.
- Additional paint protection to any shade on request.
- Optional valves for Off-shore application (C5M & CX category).
- Extreme low temperatures (-60°C).
- High Temperatures up to 180°C.

THROTTLE VALVE FOR TRANSFORMER RADIATORS

Bolt on Type With Aluminium Body, Zero Leakage

Ref. Standard EN50216-8



Series 207, 80mm



Series 207, Lockable Type
80mm



Series 208, 76mm

FEATURES

- Pressure die cast Aluminium body, flap and operating handle.
- Aluminium flap with "O" Ring ensures zero leakage when the valve is closed.
- Optional M16 fixing screws.
- Mounting gasket supplied with the valves.
- Spring loaded screws with three "O" Ring provides fool proof sealing from shaft.
- Very light and sturdy construction.
- NBR "O" Ring easily replaceable.

THROTTLE VALVE FOR TRANSFORMER RADIATORS

Size 80mm Weld-On Type Radiator Valve
Pad Lockable, Forged Steel Body



Series 210, 80mm

FEATURES

- Weld-on type Radiator Valve.
 - Forged Steel Body for high durability.
 - 100% Leakage Testing at 3kg/cm^2 for zero leakage valves.
 - 100% tested to withstand full vacuum for zero leakage valves.
 - Maximum allowable leakage through flap less than 1 cc/minute with transformer oil at 1 kg/cm^2 for Series 210.
 - Double sealing on shaft to protect leakage during life time of transformer.
 - Valve supplied with mounting gasket or 'O' Ring.
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THROTTLE VALVE FOR TRANSFORMER RADIATORS

Description:

The valve mainly consists of machined flange, flap, spindle and locking cap. The flap is machined to fit the bore. The spindle is riveted to the flap and can be rotated in either direction to operate the valve. The cap on top of spindle locks the valve in the open or closed position, which is indicated on the exposed plate marked open/shut.

Operation:

To operate the valve, loosen bolts and remove locking cap. Rotate the spindle in the direction indicated on the cap, to open or close the flap. Place the cap back in position (the cap will fit only in one position corresponding to the flap position) and tighten bolts.

Special valves for very high temperature (up to 160°C), extremely low temperature (-60°C), highly corrosive climates including C5-M category conditions also available.

Technical Specifications	
Leakage:	No leakage at full vacuum or 1kg/cm ² oil pressure.
Ambient Temperature:	-20°C to +80°C Standard.*
Oil Temperature:	-20°C to +110°C Standard.*
Mounting Bolts:	Optional - MS bolts zinc plated to 20microns.
Mounting Gasket:	Two "O" Rings supplied with each valve.

Please contact us for ordering form and any further details.

Due to our policy of continuous product improvement, dimensions and designs are subject to change.



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