ISO 9001 - Cert. n° 0240
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MARAN E PERACINI srl
Via Valduggia, 25
13011 Borgosesia (Vc) ITALY
Cap. Soc. Euro 62.400,00 i.v.
C.F.-P.IVA VAT N. IT 00165020025
Reg. Impr. VC00165020025
R.E.A. VC82897
Cod. Mecc. M/VC000019
Tel. +39 016326757
Fax +39 016322464
www.maranperacini.com
maranperacini@maranperacini.com

MP
MARAN E PERACINI srl

FIG. 175 GG25 PN 16 VERTICAL TYPE SWING CHECK VALVE RUBBER/CAST IRON TRIM

INSTALLATION AND ASSEMBLY

- The trademark “MP” is casted on flange.
- Make sure that the PN indicated on the body valve (PN16) complies with the operating condition of the plant;
- Face-to-face dimensions comply with EN 558-1 basic series 48: check the face-to-face dimensions (including flange gaskets) and the counterflanges parallelism.
- Make sure that the body and seat materials comply with the operating conditions of the plant (type of fluid); the use of this valve in relation with temperature and type of fluid is responsibility of the final user;
- Before installation clean the valve inside to remove any foreign matter;
- Install swing check valve in vertical pipe with obturator in position close;
- Install swing check valve avoiding strengths and stresses which could cause breakage or deformations with a consequent risk of seat leakage.

USE RECOMMENDATIONS

- Avoid water hammering and sharp temperature and pressure changes;
- Use suitable protections in presence of explosive, inflammable, toxic or corrosive fluids or if high or low operating temperature are present.

OPERATING INSTRUCTIONS

This valve acts automatically the function to stop the return of the fluid. No manual action is required.

TEMPERATURES/WORKING PRESSURES
STANDARD GASKETS
-10°C + 80°C
16 BAR

WARNINGS

The pressure equipments, due to their characteristics and to the fluids which they are in contact with, may represent a hazard to people and environment. To prevent and limit the risks deriving from the pressure equipment operation and to avoid personal injuries, the final user/maintenance technician must be sufficiently trained and expert.
This operating and maintenance instructions are useful but not sufficient to prevent the risks deriving from the non correct use of pressure equipments; the installer will find indications to minimize the effects deriving from intrinsic risks which cannot be eliminated.

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FIG. 175 GG25 PN 16 VERTICAL TYPE SWING CHECK VALVE RUBBER/BRASS TRIM

MAINTENANCE INSTRUCTIONS

DUE TO PARTICULAR HEAVY USE IN LONG PERIOD, THE SUBSTITUTION OF THE REINFORCED RUBBER GASKET CAN BE OBTAINED AS FOLLOWS:

1. STOP THE FLUID INSIDE THE PLANT BEFORE AND AFTER THE VERTICAL SWING CHECK VALVE;
2. CHECK PRESSURE=0 INSIDE THE PLANT;
3. REMOVE THE VALVE FROM THE PLANT;
4. UNSCREW THE BOLTS NR 4;
5. REMOVE THE BODY NR 1;
6. REMOVE THE OBTURATOR NR 7 AND SUBSTITUTE THE FIBER REINFORCED RUBBER NR 8 (AVAILABLE AS SPARE PART);
7. CLEAN THE CAST IRON SEAT DISC NR 5;
8. PLACE THE OBTURATOR NR 7 ON THE CAST IRON SEAT;
9. REPLACE THE GASKET NR 2;
10. REPLACE THE BODY NR 1;
11. SCREW THE BOLTS NR 4;
12. PLACE THE VALVE ON THE PLANT;
13. FILL THE PRESSURE FLUID IN THE PLANT SLOWLY TO PREVENT ACCIDENTS.

