ISO 9001 - Cert. n° 0240
CE 0036

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MP
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FIG. 170/SO GG25 PN 16 SWING CHECK VALVE BRASS/BRASS TRIM
FIG. 170/SX GG25 PN 16 SWING CHECK VALVE ST.STEEL/ST.STEEL 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 according to the flow arrow casted on the body;
- 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

Following to the direction of the flow indicated on the valve body with the flow arrow, this valve acts automatically the function to stop the return of the fluid. No manual action is required.

TEMPERATURES/WORKING PRESSURES	
-10°C + 120°C	+120°C +150°C
16 BAR	13 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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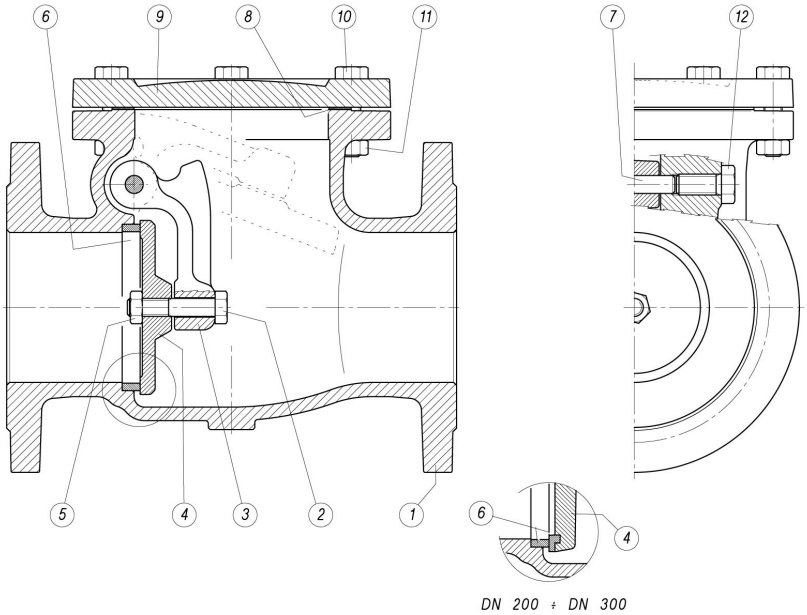
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FIG. 170/SO HORIZONTAL SWING CHECK VALVE BRASS/BRASS TRIM
FIG. 170/SX HORIZONTAL SWING CHECK VALVE ST.STEEL/ST.STEEL TRIM

MAINTENANCE INSTRUCTIONS

DUE TO PARTICULAR HEAVY USE IN LONG PERIOD, THE SUBSTITUTION OF THE BRASS/STEINLESS STEEL OBTURATOR CAN BE OBTAINED AS FOLLOWS:

1. STOP THE FLUID INSIDE THE PLANT BEFORE AND AFTER THE SWING CHECK VALVE;
2. CHECK THE PRESSURE=0 INSIDE THE PLANT;
3. UNSCREW THE BOLT NR 12;
4. UNSCREW THE BOLTS NR 10;
5. REMOVE THE CAST IRON BONNET NR 9;
6. REMOVE THE PIN NR 7;
7. REMOVE THE SWING+OBTURATOR THROUGH THE BONNET FLANGE;
8. SUBSTITUTE IT (SPARE PARTS AVAILABLE ON REQUEST);
9. INSERT THE SPARE PART INSIDE THE BONNET FLANGE USING THE PIN;
10. REPLACE THE BODY-BONNET GASKET NR 8;
11. SCREW THE BOLTS NR 10;
12. SCREW THE BOLT NR 12 (USING A THREAD GLUE LIKE LOCTITE)
13. FILL THE PRESSURE FLUID IN THE PLANT SLOWLY TO PREVENT ACCIDENTS



DN 200 ÷ DN 300