ASSEMBLY AND MAINTENANCE INSTRUCTIONS FOR DN15 to 50 RA BALL VALVES WITH CBS AND LEVER

Important :

Please notice supplementary assembly and maintenance instructions.

Storage:

MECAFRANCE ball valves must be stored in a dry and clean place, preferably at room temperature. Ensure that the dust protection caps fitted at the factory are used to seal the valves during storage.

Installation:

The MECAFRANCE ball valve is ready for installation once the dust protection caps have been removed.

Maintenance:

Apart from exchanging worn parts, MECAFRANCE ball valve requires virtually no maintenance. During operation, ensure that the MECAFRANCE ball valve is always in the open or closed position. Intermediate position can damage the seats (5) and must therefore be avoided. Depending on operating conditions, check the packing gland (7) and tighten the seal if necessary (13).

Exchanging the ball and the seats:

Caution: The ball valve may still contain medium.

- Open the MECAFRANCE ball valve with the lever (18).
- Loosen all body screws (11) and remove one screw which is passing through the body.
- Swing out the body (1), move the ball (2) to the closed position and remove together with the seats (5).
- Examine the ball for damage and replace it if necessary.
- Insert the ball (2) with new seats (5).
- Replace the body gaskets (4).
- Reassemble the valve.

Exchanging the shaft seals:

- Detach the MECAFRANCE ball valve as described.
- Bend the tongue of the lock washer (10) horizontal, unscrew the nut (13), remove the lock washer (10) and the lever (18).
- Pull the lock washer (19) from the shaft (3) without bending it, unscrew the nut (13) and remove parts (9) and (8).
- Remove the shaft (3) with the shaft seal (6) from the inside of the body and the stem packing (7) from the outside of the body.
- Reinstall the new shaft seal (6) with the shaft (3) through the inside of the body.
- Replace the new shaft packing (7, three parts up to DN20 or four parts from DN25 to DN50).
- Assemble the shaft seal follower (8) and the two Belleville washers (9).
- Tighten the shaft nut (13) and position it so that the lock washer (19) fits over it.
- Replace the lever (18) and the lock washer (10), tighten the shaft nut (13) and position it so that you can roll back the tongue of the lock washer (10).
- After 48 hours, retighten the shaft nut (13).

03/07

MECAFRANCE

Examination:

Rev Date A

Performance and leak tests have be carried out to the same extent as for the first examination. The corresponding technical rules have to be respected. For guarantee, original MECAFRANCE spare parts should be used only.

