# galassi & ortolani s.p.a.

valvole speciali per l'industria

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#### **Instruction Manual**

### **Butterfly valve model GS.33-33W**

Hand operated butterfly valve.

The valves of this type model GS.33-33W are useful for regulating or cutting off the flow of alkaline, acid or corrosive solutions.

To maintain a high, level of efficiency it is advisable to change the rubber coupling and the butterfly when required.

### To replace the coupling and butterfly:

- 1. Remove the pin (part.2) and slide out the control lever (part.1).
- 2. Remove the bolts, washers and nuts (part.11-12-13) and open the upper part of the valve body (part.3) taking it off the lower (part.4).
- 3. With the butterfly disk in a open position, press down the coupling and slide out the butterfly.

## To re-assemble:

- 1. Slide the longer shaft of the butterfly into the coupling hole, press down the coupling and insert the shorter end.
- 2. Insert the butterfly with the coupling into the valve body seats, bolt and insert the control level.
- **N.B.** All part numbers will be found in our technical and parts catalogues.