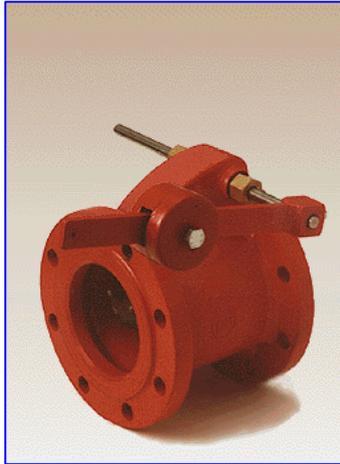


# NR-030 CHECK VALVE MAINTENANCE INSTRUCTIONS



## GENERAL INSTRUCTIONS

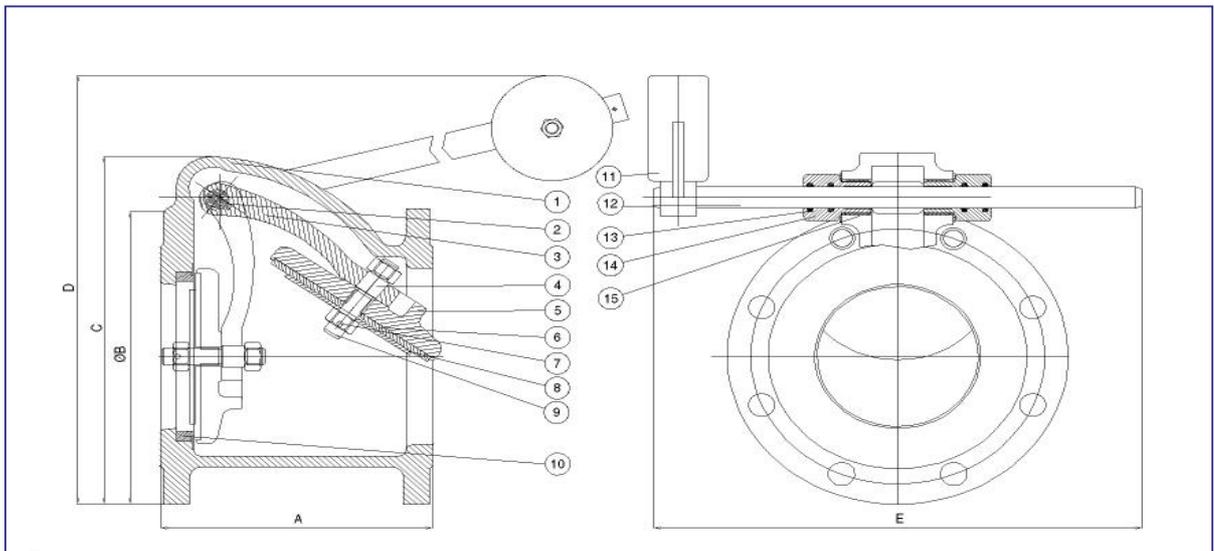
1. Routine service is an integral part of the standard procedure for maintenance of a water supply system.
2. Recommended routine maintenance—once or twice a year, according to the quality and kinds of the fluids in the system.

### A. Installation

- ❑ The valve can be installed either horizontally or vertically, while the flow is toward the upper part.
- ❑ The **counter weight assembly** (11) will be installed so the arm turns down at a  $45^{\circ}$  angle when the valve closes.
- ❑ **Shut-off valve** – in order to allow maintenance and removal of the valve, a shut-off valve will be installed before the inlet and / or after the outlet of the valve, according to the conditions in the pipeline.
- ❑ **Stainless Steel shaft** (12) – it is forbidden to weld or to coat the shaft.

### B. Periodic Maintenance

1. Greasing of the bolt and key of the counter weight.
2. Brush painting of the surface area of the valve body.



**A.R.I.** FLOW CONTROL ACCESSORIES

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## N-030

	Symptom	Cause	Corrective action
1	The seats no properly sealed (reverse flow occurring)	1) Hard solid stuck on the seats 2) Elastomer deterioration. 3) Exaggerated clearance between the internal parts due to Erosion	1) Dismantle the N-030 from the line and clean both the two seats surfaces. 2) As above and change the elastomer seal. 3) Change the complete disc and arm assembly
2	Leakage from the shaft O-Ring	1) O-ring Elastomer deterioration. 2) Shaft Erosion at O-rings contact	1) Change the O-rings plugs. 2) Replace the complete shaft.
3	Leakage between the body and the plugs	The fiber seal broken.	Replace the fiber seal.

