

# JFS

**BEIJING JOINT FLOW SYSTEM CO.**



**CHECK VALVE**



## RUBBER FLAPPER CHECK VALVE

Rubber flapper check valve mainly comprises body, cover and flex disc.

The flex disc is made out of steel plate, steel bar, reinforced nylon fabric and rubber. Operation life of the disc is over one million times. The valve adopts full flow area design which is not easy to deposit sundries and convenient for maintenance.

The valve is mainly used in water & waste water system, installed at outlet of pump to prevent damage to pump from reverse flow and water hammer. It can also be installed at bypass pipe of reservoir so as to help the water flowing back into water supplying system.



### TEST DATA

Nominal Diameter DN (mm)	50-600		
Nominal Pressure PN (MPa)	1.0		1.6
Hydraulic Shell Test Pressure (MPa)	1.5		2.4
Hydraulic Seal Test Pressure (MPa)	1.1		1.76
Temperature (°C)	0~80		

\*More test specifications are available on request.

### PARTS LIST AND MATERIAL

Parts Name	Material
Body	Cast Iron / Ductile Iron / Carbon Steel
Bonnet	Cast Iron / Ductile Iron / Carbon Steel
Disc	Cast Iron / Ductile Iron/Carbon Steel + NBR/EPDM/VITON

\*More material specifications are available on request.

### DIMENSION

DN	50	65	80	100	150	200	250	300	350	400	450	500	600
L	203	216	241	292	381	495	622	698	787	813	914	1016	1295

\*Face to face dimensions (L) herein are according to ASME B16.10.

\*Flange dimensions (D, D<sub>1</sub>, D<sub>2</sub>, n-d) refer to Catalogue of Accessory: Series 8 – Flange.

\*More dimension specifications are available on request.

