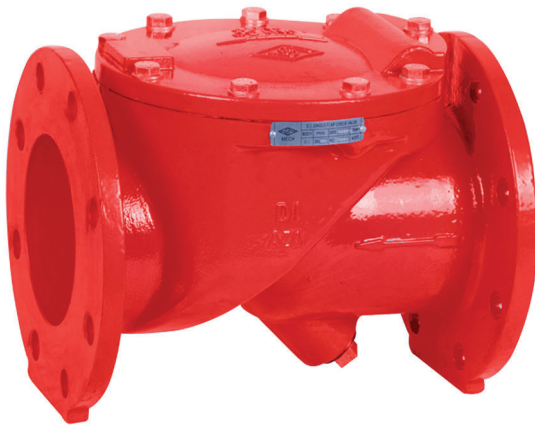


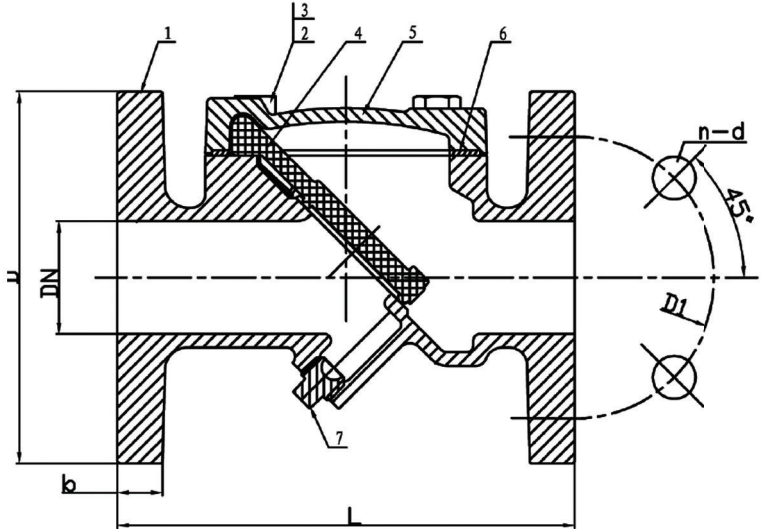
Rubber Disk Full Flow Pump Check Valve

W30-A-(EP/NP)FF-F

AWWA C 508



NSF/ANSI 61 NSF/ANSI 372



- Connection Ends: Flange to ASME B16.1 CL 125
- Meets Applicable AWWA C508 Standard
- Working Pressure: 300PSI
- Temperature Range: 0°C- 100°C
- Coating: Fusion Bonded Epoxy Coating in accordance with ANSI/AWWA C550 / 10 mil minimum
- Sizes: NPS 14 and over (B - 250PSI)

MATERIAL SPECIFICATION

Part No.	Part	Standard Specification	Options
1	Valve Body	ASTM A536, 65-45-12	
2	Bolt	AISI 304	AISI 316
3	Washer	AISI 304	AISI 316
4	NBR Disc	Carbon Steel + NBR	Carbon Steel + EPDM
5	Bonnet	ASTM A536, 65-45-12	
6	NBR Bonnet Gasket	NBR	EPDM
7	Plug	Galvanized	

Note: For special material request other than standard specification, please indicate clearly on the inquiry or order list.

DN		Dimensions(mm)				
Inch	mm	L	D	D1	b	n-Ød
2"	50	203	152	120.5	16	4-Ø19.1
2.5"	65	216	178	139.5	17.5	4-Ø19.1
3"	80	241	191	152.5	19	4-Ø19.1
4"	100	292	229	190.5	24	8-Ø19.1
5"	125	330	254	216	24	8-Ø22.2
6"	150	356	279	241.5	25.5	8-Ø22.2
8"	200	495	343	298.5	28.5	8-Ø22.2
10"	250	622	406	362	30.5	12-Ø25.4
12"	300	698	483	432	32	12-Ø25.4

W30 Rubber Disk Pump Check, used in a variety of pumping applications with high head, surge tanks, or multiple pumps. Applications with line surges resulting in slamming of the disc on reverse flow. Reverse flow impact is direct, the faster the reverse flow, the more violent the slam. If reverse flow through the check valve is allowed to develop, it will slam the disc into the seat creating a loud water hammer or surge in line. The W30 Pump Check allows for closure through a much shorter disc stroke than that of conventional Swing type check Valves with a 80° to 90° stroke. This, achieved by placing the valve seat on a 45° angle while maintaining a full flow area equal to the mating pipe.

Note: Item 4 & 6 recommended spare parts