



<b>Valve Type</b>	Check Valve (Non-Return)
<b>Valve Features</b>	Nozzle type Spring Loaded Horizontal or Vertical Installation Silent and Quick Operation Minimum Hydraulic Shock Good Sealing under Low Differential Pressure Small Installation Space
<b>Application</b>	Backflow Prevention
<b>Fluid</b>	Raw water, Drinking water, Non-Corrosive Fluids and Gas
<b>End Connection type</b>	Flanged, RF
<b>Connection Standard</b>	DIN EN 1092-2 (DIN 2501) PN10/ PN16/ PN25/ PN40/ PN63
<b>Valve Size Range</b>	DN 300 ~ DN 1200 (NPS 12 ~ NPS 48)
<b>Body Rating</b>	up to 63 bar
<b>Temperature Rating</b>	Up to 70 °C
<b>Design Std.</b>	Mirab Std.
<b>Face to Face Std.</b>	Mirab Std.
<b>Body</b>	Ductile Iron DIN EN 1563 GJS-400-15 (GGG40)
<b>Disc</b>	Stainless Steel ASTM A351 Type 304 (1.4308)
<b>Shaft</b>	Stainless Steel ASTM A276 Type 304 (1.4301)
<b>Body Seat</b>	Stainless Steel ASTM A351 Type 304 (1.4308)
<b>Spring</b>	Steel Oil Tempered

**Hydrostatic Test** Acc. to DIN EN 12266-1/ API Std. 598/ ISO 5208  
Body Test: @ 1.5\*PN, Seat Test @ 1.1\*PN

**Coating System** Electrostatic Epoxy Powder, RAL 5005  
Min DFT 250 micron (Food Grade)

**Dimension:**



DN mm	PN bar	.ØD mm	.ØK mm	.Ød2 mm	.n	.b mm	L mm
300	10	-	400	23	12	24.5	181
	16	455	410	28			
	25	485	430	31			
	40	515	450	34	16	39.5	
	63	530	460	36			
	100	585	500	42			
350	10	505	460	23	16	24.5	215
	16	520	470	28			
	25	555	490	34			
	40	580	510	37			
	63	600	525	39			
	100	655	560	48			
400	10	565	515	28	16	24.5	245
	16	580	525	31			
	25	620	550	37			
	40	660	585	41			
	63	670	585	42			
	100	-	-	-			
450	10	615	565	28	20	25.5	305
	16	640	585	31			
	25	670	600	37			
	40	685	610	41			
	63	-	-	-			
	100	-	-	-			
500	10	670	620	28	20	26.5	305
	16	715	650	34			
	25	730	660	37			
	40	755	670	44			
	63	800	705	48			
	100	-	-	-			
600	10	780	725	31	20	30	370
	16	840	770	37			
	25	845	770	41			
	40	890	795	50			
	63	930	820	56			
	100	-	-	-			
700	10	895	840	31	24	32.5	430
	16	910	840	37			
	25	960	875	44			
	40	995	900	48			
	63	1045	935	56			
	100	-	-	-			
800	10	1015	950	34	24	35	500
	16	1025	950	41			
	25	1085	990	50			
	40	1140	1030	56			
	63	1165	1050	62			
	100	-	-	-			
900	10	1115	1050	34	28	37.5	560
	16	1125	1050	41			
	25	1185	1090	50			
	40	1250	1140	56			
	63	1285	1170	62			
	100	-	-	-			
1000	10	1230	1160	37	28	40	635
	16	1255	1170	44			
	25	1320	1210	57			
	40	1360	1250	56			
	63	1415	1290	70			
	100	-	-	-			
1200	10	1455	1380	41	32	45	740
	16	1485	1390	50			
	25	1530	1420	57			
	40	1575	1460	62			
	63	1665	1530	78			
	100	-	-	-			