



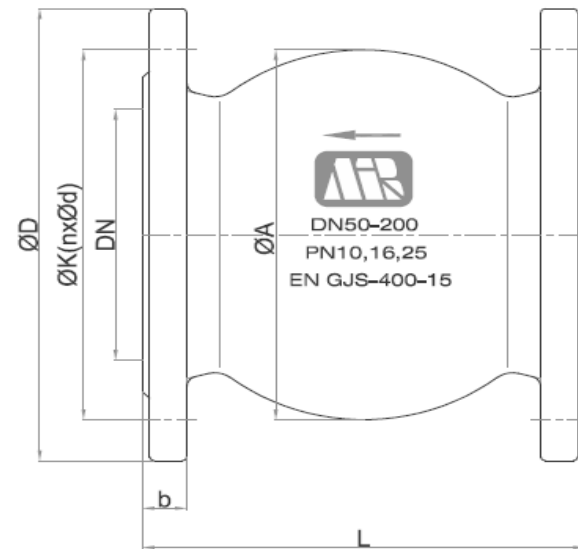
# MIRAB INDUSTRIAL VALVES

No.: NLF-50-200-10

## Lift type Non-Return Valve Data Sheet

Rev.: 03 , Date: Mar 2025

<b>Valve Type</b>	Check Valve (Non-Return)	<b>Hydrostatic Test</b>	Acc. to DIN EN 12266-1/ API Std. 598/ ISO 5208 Body Test: @ 1.5*PN, Seat Test @ 1.1*PN
<b>Valve Features</b>	Lifting type/ Silent Check Valve Spring Loaded Soft Sealing (Resilient seated) Horizontal or Vertical Installation Silent and Quick Operation Minimum Hydraulic Shock Good Sealing under Low Differential Pressure	<b>Coating System</b>	Electrostatic Epoxy Powder, RAL 5005 Min DFT 150 µm Food Grade
<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		
<b>Valve Size Range</b>	DN 50 ~ DN 200 (NPS 2 ~ NPS 8)		
<b>Body Rating</b>	Up to 16 bar		
<b>Temperature Rating</b>	Up to 70 °C		
<b>Design Std.</b>	Mirab Std.		
<b>Face to Face Std.</b>	DIN EN 558-1 Series 14 (DIN 3202-F4)		
<b>Body</b>	Ductile Iron DIN EN 1563 GJS-400-15 (GGG40)		
<b>Disc</b>	Ductile Iron DIN EN 1563 GJS-400-15 (GGG40) Fully Covered with EPDM Rubber		
<b>Shaft</b>	Stainless Steel ASTM A276 Type 420 (1.4021)		
<b>Body Seat</b>	Weld overlay AWS A5.9 ER308L/ 1.4301		
<b>Disc Seat</b>	EPDM Rubber		
<b>Spring</b>	Stainless Steel ASTM A313 Gr. 302/ 1.4310		



### Dimension:



DN mm	PN bar	ØD mm	ØK mm	Ød2 mm	.n	.b mm	:L mm	ØA mm	Weight kg
50	10,16	165	125	19	4	19	150	110	7.5
65	10,16	185	145	19	4	19	170	145	8.5
80	10,16	200	160	19	8	19	180	150	12
100	10,16	220	180	19	8	19	190	180	15
125	10,16	250	210	19	8	19	200	218	21
150	10,16	285	240	23	8	19	210	240	28.5
200	10 16	340	295	23	8 12	20	230	310	54.5