



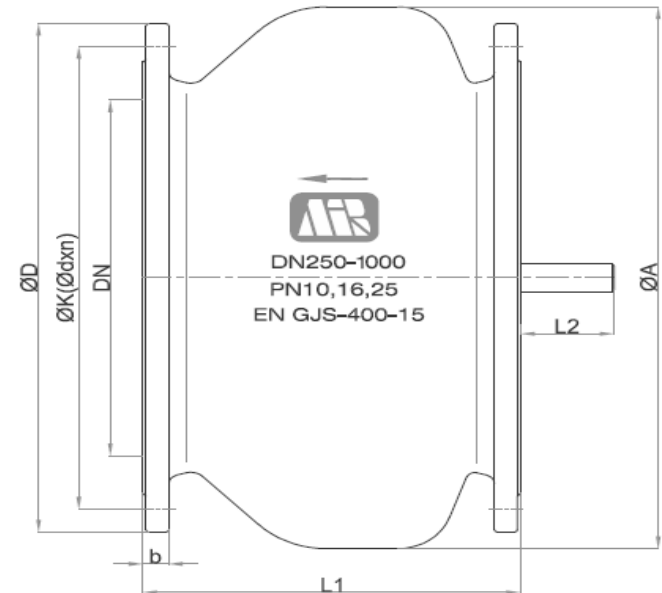
MIRAB INDUSTRIAL VALVES

No.: NLF-250-1000-10

Lift type Non-Return Valve Data Sheet

Rev.: 02 , Date: Mar 2025

Valve Type	Check Valve (Non-Return)	Hydrostatic Test	Acc. to DIN EN 12266-1/ API Std. 598/ ISO 5208 Body Test: @ 1.5*PN, Seat Test @ 1.1*PN
Valve Features	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	Coating System	Electrostatic Epoxy Powder, RAL 5005 Min DFT 150 µm (For Size up to DN300) Min DFT 250 µm (For Size DN350 to DN1000) Food Grade
Application	Backflow Prevention		
Fluid	Raw water, Drinking water, Non-Corrosive Fluids and Gas		
End Connection type	Flanged, RF		
Connection Standard	DIN EN 1092-2 (DIN 2501) PN10/ PN16		
Valve Size Range	DN 250 ~ DN 1000 (NPS 10 ~ NPS 40)		
Body Rating	Up to 16 bar		
Temperature Rating	Up to 70 °C		
Design Std.	Mirab Std.		
Face to Face Std.	DIN EN 558-1 Series 3		
Body	Ductile Iron DIN EN 1563 GJS-400-15 (GGG40)		
Disc	Ductile Iron DIN EN 1563 GJS-400-15 (GGG40)		
Shaft	Stainless Steel ASTM A276 Type 420 (1.4021)		
Body Seat	Weld overlay AWS A5.9 ER308L (1.4301)		
Disc Seat	EPDM Rubber		
Spring	Stainless Steel ASTM A313 Gr. 302 (1.4310)		



Dimension:



DN mm	PN bar	ØD mm	ØK mm	Ød2 mm	n	b mm	L1 mm	L2 mm	ØA mm	Weight kg
250	10	395	350	23	12	22	330	62	394	75
	16	405	355	28						
300	10	445	400	23	12	24.5	356	72	480	108
	16	460	410	28						
350	10	505	460	13	16	24.5	381	82	528	145
	16	520	470	28		26.5				152
400	10	565	515	28	16	28	406	90.5	615	190
	16	580	525	31		24.5				200
450	10	615	565	28	20	30	432	545	677	240
	16	640	585	31		25.5				260
500	10	670	620	28	20	26.5	457	113	762	335
	16	715	650	34		31.5				363
600	10	780	725	31	20	30	508	113	886	425
	16	840	770	37		36				473
800	10	1015	950	34	24	35	660	192	1164	840
	16	1025		41		43				870
900	10	1115	1050	34	28	37.5	711	213	1310	1070
	16	1125		41		46.5				1110
1000	10	1230	1160	37	28	40	813	243	1460	1500
	16	1255	1170	44		50				1565

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