



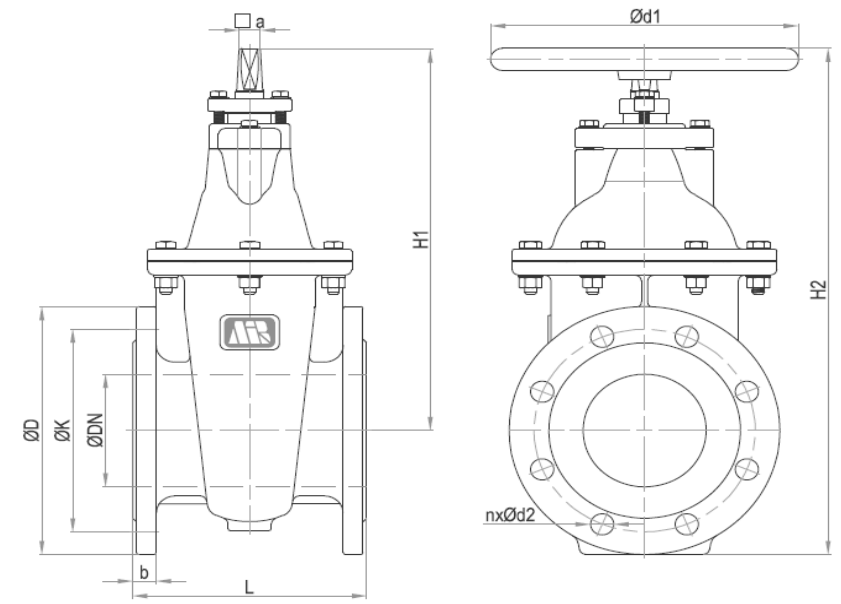
MIRAB INDUSTRIAL VALVES

No.: GMF-100-10

Metal Seat Gate Valve Data Sheet

Rev.: 00 , Date: May 2023

Valve Type	Gate Valve Metal Seat	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	Bi-Directional Sealing Tight Shut-Off Closure Inside Screw Non-Rising Stem Bolted Bonnet Flexible Wedge	Coating System	Electrostatic Epoxy Powder, RAL 7001 Min DFT 250 micron (Food Grade)
End Connection type	Flanged, RF	Actuator	Handwheel Material St37-2 or Ductile Iron, Epoxy Coated With 0-90° Indicator Closed Clockwise Rotation
Connection Standard	DIN EN 1092-1 , PN10/PN16/PN25/PN40 ASME/ ANSI B16.5 Class 150		
Valve Size Range	DN 50 ~ DN 300 (NPS 2 ~ NPS 12)		
Body Rating	up to 40 Bar		
Temperature Rating	Up to 110 °C		
Design Std.	DIN 3352		
Face to Face Std.	DN50 & DN65 : DIN EN 558-1 Series 14 (DIN 3202-F4) DN80 up to DN300: PN10,16 : DIN EN 558-1 Series 14 (DIN 3202-F4) PN25, PN40 & Class 150 : ASME B16.10 Class 150		
Body & Bonnet	Cast Steel ASTM A216 Gr. WCB		
Wedge	DN50 up to DN100 : Stainless Steel A351 CF8 (AISI 304) DN125 up to DN300: Cast Steel ASTM A216 Gr. WCB		
Body seat	Weld Overlay AWS 5.9 ER308/ 1.4301		
Wedge Seat	DN50 up to DN100: Stainless Steel A351 CF8 (AISI 304) DN125 up to DN300: Weld Overlay AWS 5.9 ER308/ 1.4301		
Stem	Stainless Steel ASTM A276 Type 420 (1.4021)		
Shaft Sealing	PTFE Packing		



Dimension:



DN mm	PN bar	L mm	ØD mm	ØK mm	n	Ød2 mm	b	H 1 mm	H 2 mm	a mm	Ød1 mm
50	10/16	150	165	125	4	18	18	238	325.5	11	200
	20										
	19.1										
65	10/16	172	185	145	4	18	18	282	378	14	200
	22										
	19.1										
80	10/16	180	200	160	8	18	20	309.5	413	14	200
	24										
	19.1										
100	10/16	190	220	180	8	18	20	338.5	451	17	250
	24										
	19.1										
125	10/16	200	250	210	8	18	22	400.5	528.5	17	250
	26										
	22.3										
150	10/16	210	285	240	8	22	22	442	587.5	17	360
	28										
	22.3										
200	10	230	340	295	8	22	24	536.5	711	19	360
	16										
	30										
	22.3										
250	10	250	395	350	12	22	26	674	871.5	27	500
	16										
	32										
	33										
	25.4										
300	10	270	445	400	12	22	26	756	978.5	27	500
	16										
	34										
	33										
	25.4										