

TECHNICAL DATA SHEET

CAST IRON GG25 BUTTERFLY VALVE WITH HANDLE TYPE WAFER PN10/PN16



Temperature range
-15°C tot +130°C



Working pressure
Max.16 bar
(see pressure and temperature diagram)



Suitable for
Water, water vapor and air



Automation
Pneumatic atomation
Electric drive

SPECIFICATIONS

Norm	EN 593 / ISO 5211	Body	DN <200: GG25/EN-GJL250 DN >150: GGG40/EN GJS-400-15
Connection	Intermediate mounting type Wafer, PN10/PN16	Valve seat	EPDM
Pressure class Max.	PN16 (see pressure and temperature diagram)	Spindle material	Stainless steel 420
Operate	Handle	Valve leaf seal material	Stainless steel 316
Valve design	Centric	Surface protection	Epoxy 150µm
Standard construction lenght	NF EN 558 serie 20, ISO 5272 serie 20, DIN 3202.		

Ordernr	Measure	Measure	Flange drilling	Weight
	"	DN		kg
02A2.2107	1 1/2	40	PN10 / 16 / ASA 150	2.1
02A2.2108	2	50	PN10 / 16 / ASA 150	2.6
02A2.2109	2 1/2	65	PN10 / 16 / ASA 150	3.0
02A2.2110	3	80	PN10 / 16 / ASA 150	3.5
02A2.2111	4	100	PN10 / 16 / ASA 150	4.4
02A2.2112	5	125	PN10 / 16 / ASA 150	6.5
02A2.2113	6	150	PN10 / 16 / ASA 150	7.8
02A2.3114	8	200	PN10 / 16 / ASA 150	14.1
02A2.3115	10	250	PN10 / 16 / ASA 150	20.7
02A2.3116	12	300	PN10 / 16 / ASA 150	29.9

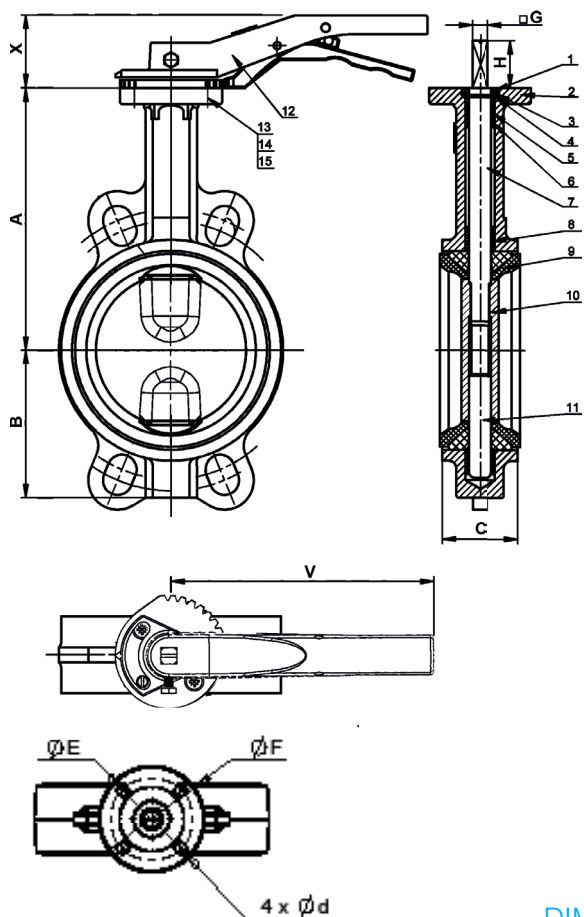
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CONSTRUCTION



	Description	Material
1	Antidust	NBR
2	Body	DN< 200: GG25/EN-GJL250 DN>150: GG40/EN GJS-400-15
3	Collar	65Mn
4	Ring	Stainless steel 201
5	O-ring	NBR
6	Bushing	Fiber glass +PTFE
7	Upper shaft	Stainless steel 420
8	Long bushing	Fiber glass +PTFE
9	Sleeve	EPDM
10	Disc	Stainless steel 316
11	Lower shaft	Stainless steel 420
12	Handle	Ductile iron
13	Srew	Stainless steel 201
14	Nut	
15	Washer	

DIMENSIONS

DN	A	B	C	X	H	V	G	ØF	ØE	Ød	Torque
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Nm
40	134	58	33	53	32	180	9	65	50	7	13
50	140	65	42	53	32	180	9	65	50	7	13
65	152	73	45	53	32	180	9	65	50	7	26
80	159	89	45.2	53	32	180	9	65	50	7	39
100	178	100	52	58	32	180	11	65	50	7	78
125	191	115	54.5	58	32	220	11	90	70	10	91
150	203	130	54.5	58	32	220	14	90	70	10	156
200	238	160	60	65.0	45	220	17	125	102	12	338
250	268	195	67	65.0	45	450	22	125	102	12	481
300	306	230	76.5	65	45	450	22	125	102	12	637

Subject to changes

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KV VALUES

DN	10°	20°	30°	40°	50°	60°	70°	80°	90°
mm	m³/h	m³/h	m³/h	m³/h	m³/h	m³/h	m³/h	m³/h	m³/h
40									
50	0,1	5	12	24	45	64	90	125	135
65	0,2	8	20	37	65	98	144	204	220
80	0,3	12	22	39	70	116	183	275	302
100	0,5	17	36	78	139	230	364	546	600
125	0,8	29	61	133	237	392	620	930	1022
150	2	45	95	205	366	605	958	1437	1579
200	3	89	188	408	727	1202	1903	2854	3136
250	4	151	320	694	1237	2047	3240	4859	5340
300	5	234	495	1072	1911	3162	5005	7507	8250

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PRESSURE AND TEMPERATURE DIAGRAM

