

TECHNICAL DATA SHEET

CAST IRON GG25 BUTTERFLY VALVE WITH HANDLE TYPE LUG 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 automation

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 Lug, 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 length	NF EN 558 serie 20, ISO 5272, serie 20 DIN 3202		

Ordernr	Measure	Measure	Flange drilling	Weight
	"	DN		KG
02A1.2107	1 1/2	40	PN10 / 16	2,7
02A1.2108	2	50	PN10 / 16	3,5
02A1.2109	2 1/2	65	PN10 / 16	4,3
02A1.2110	3	80	PN10 / 16	5
02A1.2111	4	100	PN10 / 16	5,8
02A1.2112	5	125	PN10 / 16	9,3
02A1.2113	6	150	PN10 / 16	10,6
02A1.3114	8	200	PN10	19,8
02A1.3115	10	250	PN10	28,9
02A1.3116	12	300	PN10	36,8
02A1.3119	8	200	PN16	19,8
02A1.3118	10	250	PN16	28,9
02A1.3117	12	300	PN16	36,8

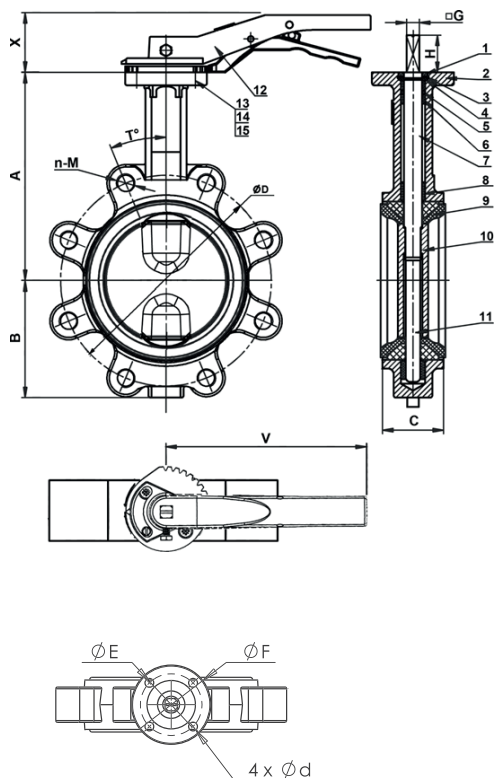
TECHNICAL DATA SHEET

TECHNICAL DATA

FLUXER
FLUXER.BE

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

CONSTRUCTION



Description	Material
1 Antidust	NBR
2 Body	Cast Iron EN-GLJ250 / 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 Screw	
14 Nut	Stainless steel 201
15 Washer	

DIMENSIONS

Connection	DN	A	B	C	D	X	H	N-M	T°	G	V	ØF	ØE	Ød	ISO	Torque
	mm	mm	mm	mm	mm	mm	mm		°	mm	mm	mm	mm	mm		Nm
PN10/16	40	134	58	33	110	52,5	32	4-M16	45°	9	180	65	50	7	F05	13
PN10/16	50	139,7	65	42	125	52,5	32	4-M16	45°	9	180	65	50	7	F05	13
PN10/16	65	152,4	73	45	145	52,5	32	4-M16	45°	9	180	65	50	7	F05	26
PN10/16	80	158,8	89	45,2	160	52,5	32	8-M16	22,5°	9	180	65	50	7	F05	39
PN10/16	100	178	100	52	180	52,5	32	8-M16	22,5°	11	180	65	50	7	F05	65
PN10/16	125	190,5	115	54,5	210	58	32	8-M16	22,5°	11	220	90	70	10	F07	78
PN10/16	150	203	130	54,5	240	58	32	8-M20	22,5°	14	220	90	70	10	F07	130
PN10	200	238	160	60	295	65	45	8-M20	22,5°	17	450	125	102	12	F10	286
PN10	250	268,3	195	67	350	65	45	12-M20	15°	22	450	125	102	12	F10	416
PN10	300	306,4	230	76,5	400	65	45	12-M20	15°	22	450	125	102	12	F10	585
PN16	200	238	160	60	295	65	45	12-M20	22°	17	450	125	102	12	F10	286
PN16	250	263,3	195	67	355	65	45	12-M24	15°	22	450	125	102	12	F10	416
PN16	300	306,4	230	76,5	410	65	45	12-M24	15°	22	450	125	102	12	F10	585

Subject to changes

TECHNICAL DATA SHEET

TECHNICAL DATA

FLUXER
FLUXER.BE

CAST IRON GG25 BUTTERFLY VALVE WITH HANDLE TYPE LUG

PN10/ PN16

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

TECHNISCHE GEGEVENS

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

PRESSURE AND TEMPERATURE DIAGRAM

