

TECHNICAL DATA SHEET

CAST IRON GGG50 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 atomation

Electric drive

SPECIFICATIONS

Norm	EN 593 / ISO 5211	Body	GGG50
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 lenght	NF EN 558 serie 20, ISO 5272 DIN 3202		

Ordernr	Measure	Measure	Flange drilling	Weight
	"	DN		KG
02B1.3207	1 1/2	40	PN10/16	2,5
02B1.3208	2	50	PN10/16	3,1
02B1.3209	2 1/2	65	PN10/16	3,7
02B1.3210	3	80	PN10/16	4,9
02B1.3211	4	100	PN10/16	6,0
02B1.3212	5	125	PN10/16	9,4
02B1.3213	6	150	PN10/16	10,5
02B1.3214	8	200	PN10	20,7
02B1.3215	10	250	PN10	27,8
02B1.3216	12	300	PN10	35,6
02B1.3220	8	200	PN16	20,7
02B1.3121	10	250	PN16	27,8
02B1.3122	12	300	PN16	35,6

TECHNICAL DATA SHEET

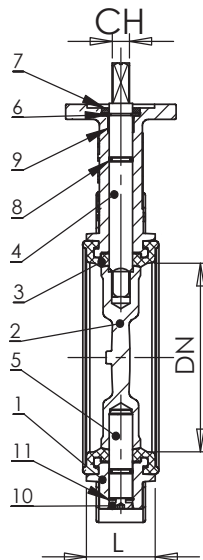
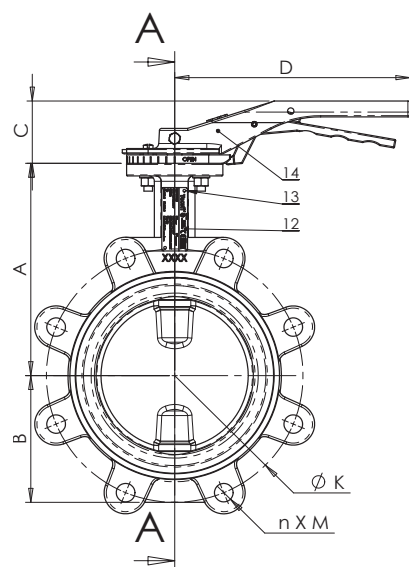
TECHNICAL DATA

FLUXER
FLUXER.BE

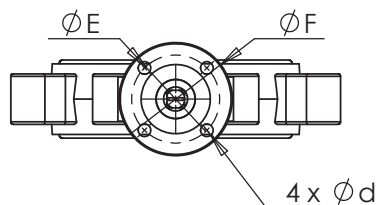
CAST IRON GGG50 BUTTERFLY VALVE WITH HANDLE TYPE LUG

PN10/ PN16

CONSTRUCTION



Description	Material
1 Body	Ductile iron EN GJS 500-7
2 Disc	Stainless steel CF8M
3 Sleeve	EPDM
4 Upper stem	Stainless steel 420
5 Lower stem	
6 Anti blowout ring	Stainless steel 201
7 Antidust ring	NBR
8 O-ring	NBR
9 Bushing	Stainless steel 201+F4
10 Bottom cover	Plastic
11 Circlips	65Mn
12 Nameplate	Stainless steel 304
13 Rivet	Aluminium
14 Handle	Ductile iron



DIMENSIONS

Connection	DN	A	B	C	D	ØK	NxM	L	ØF	ØE	Ød	CH	ISO	Torque
		mm	mm	mm	mm	mm		mm	mm	mm	mm	mm		Nm
PN10/16	40	135	52	52,5	180	110	4-M16	32,5	65	50	7	9	F05	13
PN10/16	50	140	60	52,5	180	125	4-M16	42,5	65	50	7	9	F05	13
PN10/16	65	150	70	52,5	180	145,0	4-M16	45,5	65	50	7	9	F05	26
PN10/16	80	156	91,6	52,5	180	160,0	8-M16	45,5	65	50	7	9	F05	39
PN10/16	100	169	90	52,5	180	180,0	8-M16	51,5	65	50	7	9	F05	65
PN10/16	125	190	105	50	220	210,0	8-M16	55,5	90	70	10	11	F07	78
PN10/16	150	200	120	50	220	240	8-M20	55,5	90	70	10	14	F07	130
PN10	200	224	158	57	450	295	8-M20	59,5	125	102	12	17	F10	286
PN10	250	265	197	57	450	350	12-M20	67,5	125	102	12	22	F10	416
PN10	300	303	230	57	450	400	12-M20	77,5	125	102	12	22	F10	585
PN16	200	224	158	57	450	295	12-M20	59,5	125	102	12	17	F10	286
PN16	250	226,5	197	57	450	355	12-M24	67,5	125	102	12	22	F10	416
PN16	300	306,4	230	57	450	410	12-M24	77,5	125	102	12	22	F10	585

Subject to changes

TECHNICAL DATA SHEET

TECHNICAL DATA

FLUXER
FLUXER.BE

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									55
50	0,1	5	12	24	45	64	90	125	111
65	0,2	8	20	37	65	98	144	204	234
80	0,3	12	22	39	70	116	183	275	425
100	0,5	17	36	78	139	230	364	546	638
125	0,8	29	61	133	237	392	620	930	1403
150	2	45	95	205	366	605	958	1437	2210
200	3	89	188	408	727	1202	1903	2854	3485
250	4	151	320	694	1237	2047	3240	4859	5568
300	5	234	495	1072	1911	3162	5005	7507	7268

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

PRESSURE AND TEMPERATURE DIAGRAM

