Art.“F4G”-”F4A”- BUTTERFLY VALVE IN CAST IRON WITH DISK IN CAST IRON OR STAINLESS STEEL

DESCRIPTION
Butterfly valve with rotary pneumatic actuator.
ART. **"F4/G"** :Valve body:Spheroidal cast iron GS 400/12 UNI 4544.
Disk: spheroidal **cast iron** GS.400/12 UNI 4544 nickel-plated.
Stem: Stainless steel AISI 303.
ART. **"F4/A"** Valve body: Spheroidal cast iron GS 400/12 UNI 4544.
Disk: stainless steel **AISI 316.**
Stem: Stainless steel AISI 303.
Gasket: NBR, EPDM, FPM.

CONNECTIONS
Assembly between the flanges UNI PN 10-16 and ANSI 125-150.
Control air 1/8” GAS connections.

ALLOWABLE TEMPERATURES

Seal in NBR:	from -20°C	to +100°C
Seal in EPDM:	from -35°C	to +130°C
Seal in FPM:	from -10°C	to +160°C

ACTUATOR PILOT PRESSURE
From 5 to 8 bar.

VERSIONS AND SIZES
“F4G” DA: DN 65 - 80 - 100 - 125 - 150 - 200
“F4A” DA: DN 40 - 50 - 65 - 80 - 100 - 125 - 150 - 200
ANODIZING TREATMENT ON OUTSIDE DETAILS
MADE IN ALUMINIUM

AVOID TO INTERCEPT SHARP MATERIALS

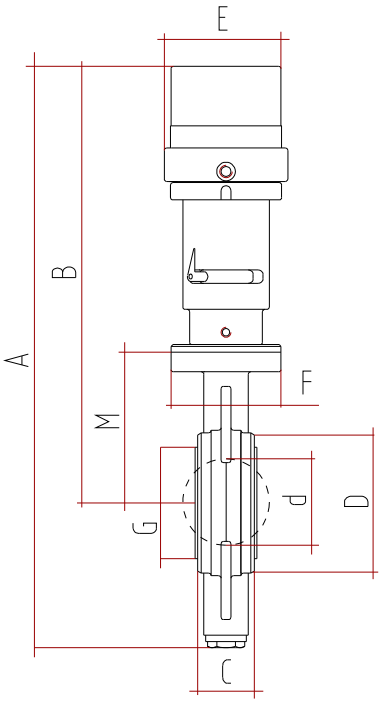
RATED PRESSURE “PN”

DN	40	50	65	80	100	125	150	200
PN	16	16	16	16	16	16	16	16

OVERALL DIMENSIONS

DOUBLE ACTING

DN	ACTUATOR	A	B	C	D	d	E	F	G	M	Kv	Weight
mm.	type	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	m3/h	gr.
40	DE8003	410	318	34	90	46	100	90	65	98	13.5	4600
50	DE8003	427	329	44	100	56	100	90	79	110	22	4980
65	DE8003	452	342	47	122	70	100	90	91	122	49	5400
80	DE8003	471	351	46	140	83	100	90	107	131	78	6340
100	DE8003	507	374	52	162	105	100	90	133	154	300	7060
125	DE1004	543	393	57	202	128	119	90	160	178	635	10900
150	DE1004	575	409	57	224	153	119	90	190	194	841	12400
200	DE1004	633	440	60	274	198	119	90	240	225	1190	14000

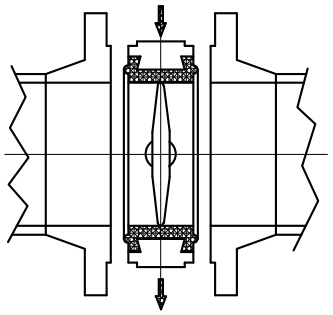


SUBJECT TO MODIFICATIONS WITHOUT NOTICE
Please refer yourselves to the section of the INSTRUCTIONS,
that are integral part of our Catalogue.

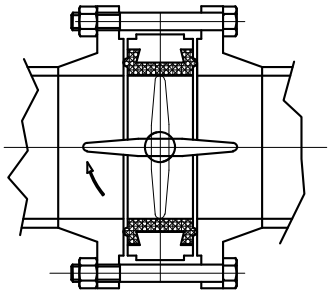
Art.“F4G”-”F4A”

ASSEMBLY FOR BUTTERFLY VALVES

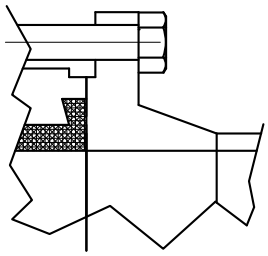
Art. F4 butterflly valves are constructed for installation between UNI, DIN or ASA flanges; they are inserted directly without any gasket.
They can be fitted into the piping in any position, preferably not near bends or fittings, especially upstream, in order to avoid alteration of the flow characteristics.
Flanges must be perfectly parallel and have well finished surfaces.



Position flanges at such a distance that valve assembling or disassembling is easy.



Open completly the valve before clasping flanges.

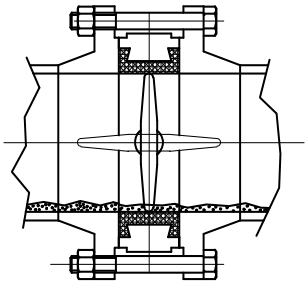


Tighten bolts till flanges are into contact with valve body.

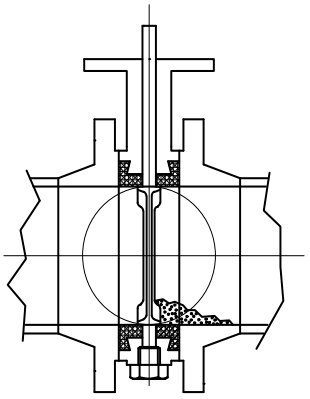
ATTENTION: spot-weld the pipes with the valve already assembled between flanges. Remove the valve before finishing the welding to avoid that heat causes packing distorsion.

When mounting the valve with muddy fluids, make sure that rotation axis is horizontal to allow residues to flow freely on opening.

CORRECT

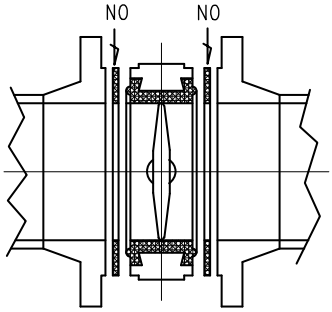


WRONG



ERRORS TO BE AVOIDED

Do not place other packing between flange and valve.



Do not use plane welding flanges, to avoid that at high pressure the packing undergoes excessive deformations.