Rubber seated lug type butterfly valves for connection PN 10 – 16 – ANSI 150



Art. 1410-1411

Suitable for flanges UNI EN 1092-1 PN 10, PN 16 and ANSI #150
Face to face length: EN 558-1, serie 20. DIN 3202 K1
Design EN 593
Installation: horizontal / vertical
APPLICATIONS • Water supply • Waste water treatment plants • Fire fighting systems • Power plants • Industry • Drinking water • Irrigation • Heating – conditioning systems • * available disc in stainless steel
- Fig. 1410: disc in GGG
- Fig: 1411: disc in stainless steel AISI 316

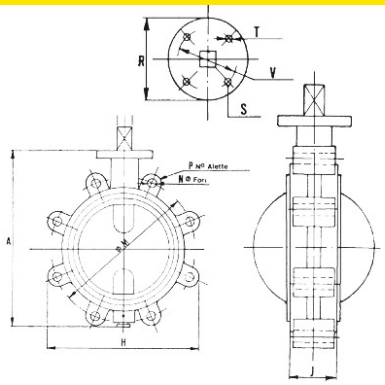
Epoxy paiting suitable for drinking water applications.

The lug butterfly valves are widely applied, thanks to their multiple functions of regulation and on-off valves and they are a good solution whenever required compact dimensions and reduced weight. Thanks to the EPDM gasket and to the epoxy coating, the lug butterfly valves can be installed in drinking water plants, as well as for sewage or brackish water, with inox disc (fig.1411) and body not in touch with the fluid. The lug butterfly valves are manufactured as centric type disc, they can stand both directions of fluid and are maintenance-free. With EPDM sleeve, they can stand maximum 130°C temperature. The lug butterfly valves can be installed between welding neck flanges EN PN 10-16 and ANSI #150, without any need of additional flange gaskets. Such valves can be installed in any position. The lug butterfly valves come with lever (standard execution); reducing gear, pneumatic operator with single or double effect, electric actuator on request.

Materials

body	ductile iron GGG40, EN-GJS-400-15
stem	stainless steel X 20 CR 13
disc	ductile iron GGG40, EN-GJS-400-15/ stainless steel 316
body lining	EPDM / NBR
painting	epoxy 200 mcr min.

Dimensions



DN	J mm.	H mm.	A mm.	Weight kg.
40	33	111	154	2.5
50	43	120	181	2.5
65	46	138	200	4.5
80	46	150	217	5
100	52	213	252	6
125	56	243	292	9.5
150	56	267	322	11
200	60	320	383	22.5
250	68	402	465	32
300	78	473	530	36.5
350	78	516	627	58.5
400	102	590	677	81.5
450	114	644	742	100
500	127	715	792	117.5
600	154	830	915	223

Pressure

DN	Nominal pressure	Test pressure Mpa		Max working pressure Mpa
mm	BAR	body	seat	80°C
40-300	16	2,4	1,76	1,6
350-600	10	1,5	1,1	1,0

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