

# Industrial Butterfly Valve Series GE2101

## Genebre™ Wafer Butterfly Valve PTFE liner

**ALLVALVES**  
O N L I N E

### Main Features :-

Wafer pattern

To suit PN10/16 and ANSI 150 flanges.

Ductile Iron body

SS 316 disc

Lever operated or actuated

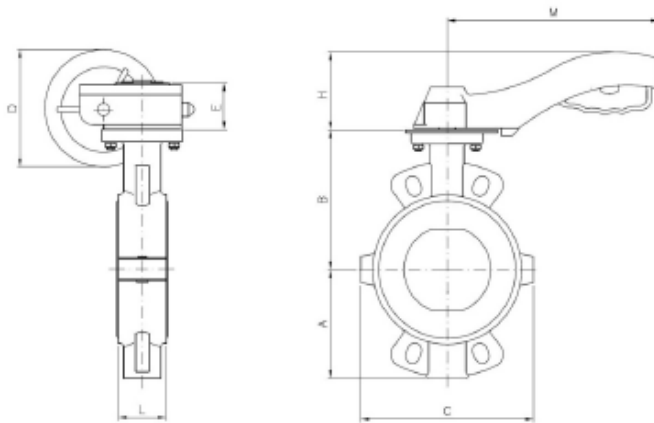
PTFE on EPDM liner

+180C Temperature rating



TYPE: BUTTERFLY VALVE

### Dimensional Drawing:-

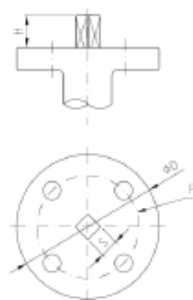


Ref	Medida/ Size	DN	PN	Dimensiones / Dimensions (mm)								Peso / Weight (Kg)
				L	A	B	C	D	E	H	M	
2101 09	2"	50	10	43	80	140	119	***	***	65	172	2,900
2101 10	2 ½"	65	10	46	89	150	131	***	***	65	172	3,180
2101 11	3"	80	10	46	95	158	145	***	***	65	172	3,550
2101 12	4"	100	10	52	114	176	180	***	***	78	264	5,530
2101 13	5"	125	10	56	127	190	202	***	***	78	264	6,875
2101 14	6"	150	10	56	139	210	230	150	72	***	***	8,250
2101 16	8"	200	10	60	175	236	295	300	85	***	***	17,400

\*\*\* Nota: A partir de 6" (DN 150), operación mediante reductor manual.

\*\*\* Note: From 6" (DN 150), handling by gear operator.

### Dimensiones de la brida superior / Top flange dimensions:



Dimensiones brida Superior / Top flange dimensions				
Ref	F (S211)	S	D	H
2101 09	F05	11	70	26
2101 10	F05	11	70	26
2101 11	F05	11	70	26
2101 12	F07	14	90	29
2101 13	F07	14	90	29
2101 14	F07	14	90	32
2101 16	F10	17	125	38

ISO 9001:2015 Accredited Company

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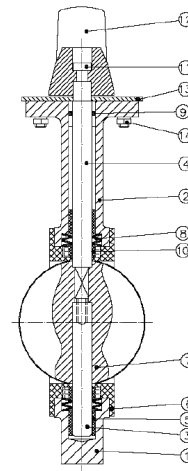
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Dimensional Drawing:-

Nº	Denominación / Name	Material	Acabado Superficial / Surface Treatment	Ref.
1	Cuerpo Inferior / Downside Body	GGG40	Pintura Epoxi / Epoxy painting	---
2	Cuerpo Superior / Upside Body	GGG40	Pintura Epoxi / Epoxy painting	---
3	Eje Inferior / Downside Stem	Acero Inox. AISI 316 / SS 316	----	----
4	Eje Superior / Upside Stem	Acero Inox. AISI 316 / SS 316	----	----
5	Casquillo / Bush	RPTFE	----	----
6 *	Asiento / Seat	PTFE c/base EPDM / PTFE on EPDM	----	ET2101
7	Disco / Disc	Acero Inox. AISI 316 / SS 316	Pulido / Polished	----
8	Arandela Muelle / Spring Washer	Acero / Steel	Dacromet	----
9	Tórica / O'ring	Viton	----	----
10	Retén / Retainer	Nylon	----	----
11	Tornillo / Screw	Acero / Steel	Galvanizado / Galvanized	----
12	Maneta / Handle	Aluminio / Aluminium	Pintura Epoxi / Epoxy painting	----
13	Plato / Plate	Acero / Steel	Galvanizado / Galvanized	----
14	Tornillo-Tuerca / Screw-Nut	Acero / Steel	Galvanizado / Galvanized	----



**Perdidas de Carga ( K<sub>v</sub> ) según posición del disco / Head losses (K<sub>v</sub>) according to disc position:**

DN	Posición del Disco ( grados ) / Disc Position ( degrees )								
	90°	80°	70°	60°	50°	40°	30°	20°	10°
50	125	99	73	53	37	23	14	6	1
65	244	193	141	93	58	37	21	10	1
80	399	315	231	133	83	53	30	13	2
100	727	606	429	237	148	94	54	23	3
125	1190	991	670	370	232	147	85	37	4
150	1600	1334	887	490	306	195	112	48	5
200	2868	2458	1610	935	588	364	208	88	10

**VALORES DE K<sub>v</sub> / K<sub>v</sub> VALUES**

K<sub>v</sub> (m<sup>3</sup>/h) = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

K<sub>v</sub> (m<sup>3</sup>/h) = Flow rate of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve.

**CURVA PRESIÓN TEMPERATURA / PRESSURE TEMPERATURE RATING**

