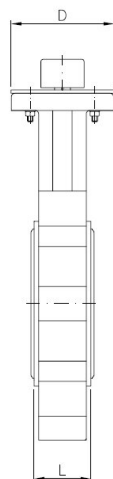
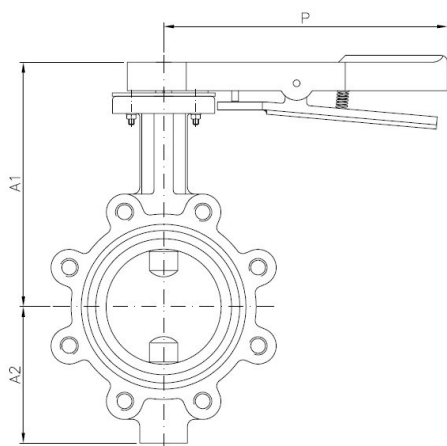




BUTTERFLY VALVES

GENEBRE PART: 2108 LUGGED PN16 BUTTERFLY VALVE WITH SS DISC



SPECIFICATIONS

1	Body in ductile iron (GG-40) EPOXY PAINTED
2	Disc in CF8M (316 Stainless steel)
3	Liner in EPDM
4	Face to Face to DIN 3202-K1
5	ISO 5211 actuator mounting flange
6	Fully lugged pattern body
7	Mounts between PN16

DIMENSIONS

AVOL REF	SIZE mm	PN Bar	L mm	A1 mm	A2 mm	P mm	ISO5211 'F' x Stem Sq x Stem height	Torque Nm*	Wt Kg
2108 09	2"	16	43	190	79	270	F07 X 11 X 30	12	4.80
2108 10	2 1/2"	16	46	190	83	270	F07 X 11 X 30	20	5.50
2108 11	3"	16	46	195	103	270	F07 X 11 X 30	27	7.00
2108 12	4"	16	52	215	120	270	F07 X 14 X 30	39	8.10
2108 13	5"	16	56	240	133	270	F07 X 14 X 30	58	10.90
2108 14	6"	16	56	240	158	300	F07/10 X 17 X 30	90	14.00
2108 16	8"	10	60	280	180	300	F07/10 X 17 X 30	120	19.40
2108 18	10"	10	68	325	216	300	F10 X 22 X 40	180	28.50
2108 20	12"	10	78	351	251	Gear	F10/12 X 22 X 40	350	49.60

* Torque is without safety

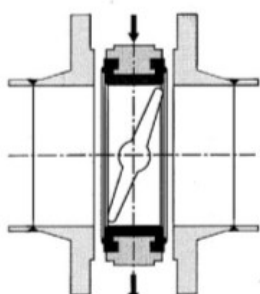


BUTTERFLY VALVES

GENEBRE PART: 2108 LUGGED PN16 BUTTERFLY VALVE WITH SS DISC

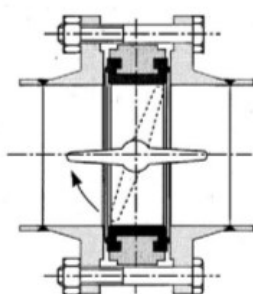
Cv HEAD LOSS RELATIVE TO DISC OPENING ANGLE									
SIZE	90°	80°	70°	60°	50°	40°	30°	20°	10°
2"	144	114	84	61	43	27	16	7	1
2 1/2"	282	223	163	107	67	43	24	11	1.5
3"	461	364	267	154	96	61	35	15	2
4"	841	701	496	274	171	109	62	27	3
5"	1376	1146	775	428	268	170	98	43	5
6"	1850	1542	1025	567	354	225	129	56	6
8"	3316	2842	1862	1081	680	421	241	102	12
10"	5430	4525	2948	1710	1076	667	382	162	19
12"	8077	6731	4393	2563	1594	1005	555	235	27

INSTALLATION INSTRUCTIONS

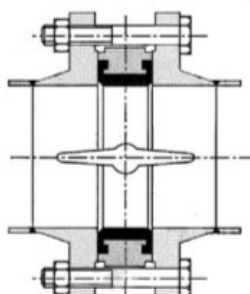


Part open the valve but ensure that the disc does not protrude beyond the liner otherwise the edge of the disc can be damaged when inserting the valve between the flanges.

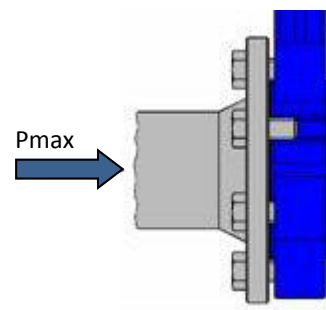
DO NOT USE A GASKET because the liner makes the seal.



Open the valve fully once it is in position **BEFORE** the bolts are tightened. Ensure the flanges are aligned / parallel with each other.



Tighten the bolts opposite each other to ensure the flange faces are tightened in parallel.



End of line service:

Maximum pressure - Pmax
 2" - 12" 235psi x 0.4 = 94 psi
 14" - 24" 150psi x 0.4 = 60 psi