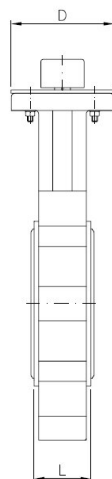
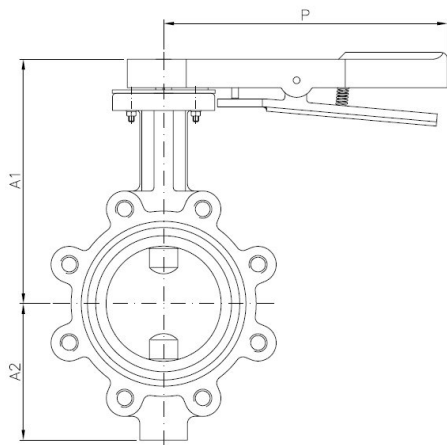




BUTTERFLY VALVES

GENEBRE PART: 210A LUGGED ASA150 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 ASA125 & ASA150

DIMENSIONS

AVOL REF	SIZE mm	PN PSI	L mm	A1 mm	A2 mm	P mm	ISO5211 'F' x Stem Sq x Stem height	Torque Nm*	Wt Kg
2108A 09	2"	235	43	190	79	270	F07 X 11 X 30	12	4.50
2108A 10	2 1/2"	235	46	190	83	270	F07 X 11 X 30	20	5.00
2108A 11	3"	235	46	195	103	270	F07 X 11 X 30	27	5.20
2108A 12	4"	235	52	215	120	270	F07 X 14 X 30	39	8.20
2108A 13	5"	235	56	240	133	270	F07 X 14 X 30	58	10.00
2108A 14	6"	235	56	240	158	300	F07/10 X 17 X 30	90	13.50
2108A 16	8"	235	60	280	180	300	F07/10 X 17 X 30	120	17.50
2108A 18	10"	235	68	325	216	300	F10 X 22 X 40	180	28.20
2108A 20	12"	235	78	351	251	Gear	F10/12 X 22 X 40	350	53.00
2108A 22	14"	150	78	346	262	Gear	F12 X 22X 45	640	69.00
2108A 24	16"	150	102	375	301	Gear	F14 X 27 X 45	805	97.00
2108A 26	18"	150	114	400	333	Gear	F14 X 27 X 45	1100	143.00
2108A 28	20"	150	127	432	366	Gear	F14 X 36 X 45	1500	180.00
2108A 32	24"	150	152	632	427	Gear	F16	3000	330.00

* Torque is without safety

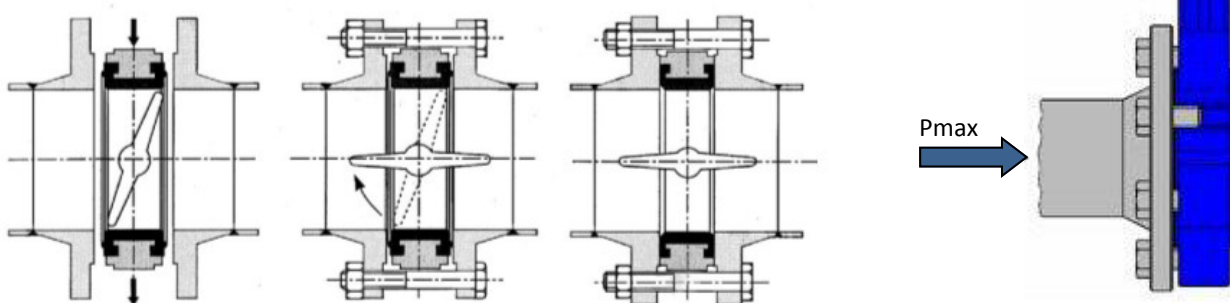


BUTTERFLY VALVES

GENEBRE PART: 2108A LUGGED ASA150 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
14"	10538	8874	5939	3384	2149	1320	756	299	34
16"	13966	11761	7867	4483	2847	1749	1001	397	45
18"	17214	14496	10065	5736	3643	2237	1281	507	58
20"	22339	18812	12535	7144	4536	2786	1595	632	72
24"	31850	26320	14870	9540	5320	3510	1970	915	270

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