



1	Apr.17.2021	Body is changed from casting to forging; Euro Chlor spec was GEST 06/318; ITP was HMVBS06318;		Liubo	Ludovic
Rev	Date	Description	ECN	Initiated by	Approved by

REF	DESCRIPTION	MATERIAL
1	BODY	ASTM A350 LF2+STELLITE 21
2A	BONNET	ASTM A350 LF2
4	BODY/BONNET GASKET	GYLON 3510
11C	DISC	316Ti(1.4571)+STELLITE 6
12	DISC NUT	UNS S43100
13	DISC LOCK WASHER	TYPE 316
20	PACKING RING	PURE PTFE
21	PACKING GLAND	ASTM A351 CF8M
24	GLAND SCRAPER BUSH	INORGANIC FILLER PTFE
25	BELLOWS	UNS N10276(2.4819)
30B	STEM	UNS S31803
32	YOKE FLANGE	CS AISI 1035
34	YOKE SLEEVE	A439 GRADE D2
35	ANTI ROTATION BRIDGE	CS AISI 1035
36	PILLAR	CS AISI 1035
37	HANDWHEEL	SG IRON BS.EN 1563 EN-GJS-420-12
38	HANDWHEEL LOCKNUT	CS AISI 1035
50	NAME PLATE	TYPE 316
60	KEY	CS AISI 1025
61	STUD	A320 L7M Xylan 1424
62	STUD	A320 L7M Xylan 1424
63	LOCK NUT	A4-70
64	NUT	A320 L7M Xylan 1424
65	NUT	A320 L7M Xylan 1424
66	WASHER	CS AISI 1020
67	DOG POINT SCREW	TYPE 316
68	SET SCREW	TYPE 316
69	LUBRICATOR	A570 GR.A
70	WASHER	SS316
71	NUT NYLOCK	CS AISI 1035 NYLOCK

Notes:

1. Designed and manufactured in accordance with Euro Chlor GEST 17/492 Bellow Sealed for Use on Liquid Chlorine. Also conforms to the requirements of The Chlorine Institute's Pamphlet 6-latest edition.
2. Integral weld deposited seat Stellite 21 minimum hardness value HB300 (HRC32 equivalent).
3. Applicable Inspection and Test plan ITP HMVBS17492.
4. Each valve dried in an oven at a minimum of 120°C for at least 3 hours and fitted with gaskets and metal blanking flanges, which have a silica gel satchel attached to their inner face.
5. All lubricants used are chlorine compatible chlorofluorinated.
6. Fitted with stainless steel Tag "CLEANED FOR CHLORINE SERVICE".
7. Valve to be CE marked. Declaration of Conformity HMV_CE_002.

Weight: 25kg

MAX INTERNAL RADII 0.5 EXCEPT AS STATED MACHINING TOLERANCES UNLESS OTHERWISE STATED							DO NOT SCALE DRAWING. ALL DIMENSIONS IN MILLIMETRES(mm)/ UNLESS OTHERWISE STATED. REMOVE ALL BURRS AND SHARP EDGES. FOR EXPLANATION OF NOTES, SYMBOLS ETC, SEE BS 308.				VALVE CODE 8800 SERIES															
<table><tr><td>to3</td><td>3 to6</td><td>6 to10</td><td>10 to18</td><td>18 to30</td><td>30 to50</td><td>50 to80</td></tr><tr><td>±0.07</td><td>±0.09</td><td>±0.11</td><td>±0.14</td><td>±0.17</td><td>±0.20</td><td>±0.23</td></tr></table>							to3	3 to6	6 to10	10 to18	18 to30	30 to50	50 to80	±0.07	±0.09	±0.11	±0.14	±0.17	±0.20	±0.23					TITLE G.A.:DN50(2”) FORGED STEEL GLOBE VALVE BELLOWS SEAL FOR USE ON CHLORINE FLANGED ASME CL150 RF	
to3	3 to6	6 to10	10 to18	18 to30	30 to50	50 to80																				
±0.07	±0.09	±0.11	±0.14	±0.17	±0.20	±0.23																				
<table><tr><td>80 to120</td><td>120 to180</td><td>180 to250</td><td>250 to315</td><td>315 to400</td><td>400 to500</td><td>500 to630</td></tr><tr><td>±0.27</td><td>±0.32</td><td>±0.36</td><td>±0.41</td><td>±0.45</td><td>±0.49</td><td>±0.55</td></tr></table>							80 to120	120 to180	180 to250	250 to315	315 to400	400 to500	500 to630	±0.27	±0.32	±0.36	±0.41	±0.45	±0.49	±0.55						
80 to120	120 to180	180 to250	250 to315	315 to400	400 to500	500 to630																				
±0.27	±0.32	±0.36	±0.41	±0.45	±0.49	±0.55																				
<div>SURFACE ROUGHNESS ✓ EXCEPT WHERE OTHERWISE STATED</div>							DRAWN		DATE	APPROVED	SCALE															
							Liubo		2021.04.17	Ludovic	1:2															
AS PRODUCED BY COMMON PRODUCTION PROCESSES ROUGH TURN TURNING OR MILLING							HUNT & MITTON VALVE COMPANY																			
12.5 ✓ ▽							250 ✓ ▽ FINE TURNING																			
							DRG. No.		SHEET OF																	
							DN50_8800_CL150RF_10_LCC_C276_31803_EC REV 1																			