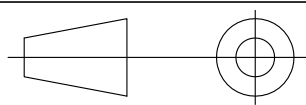
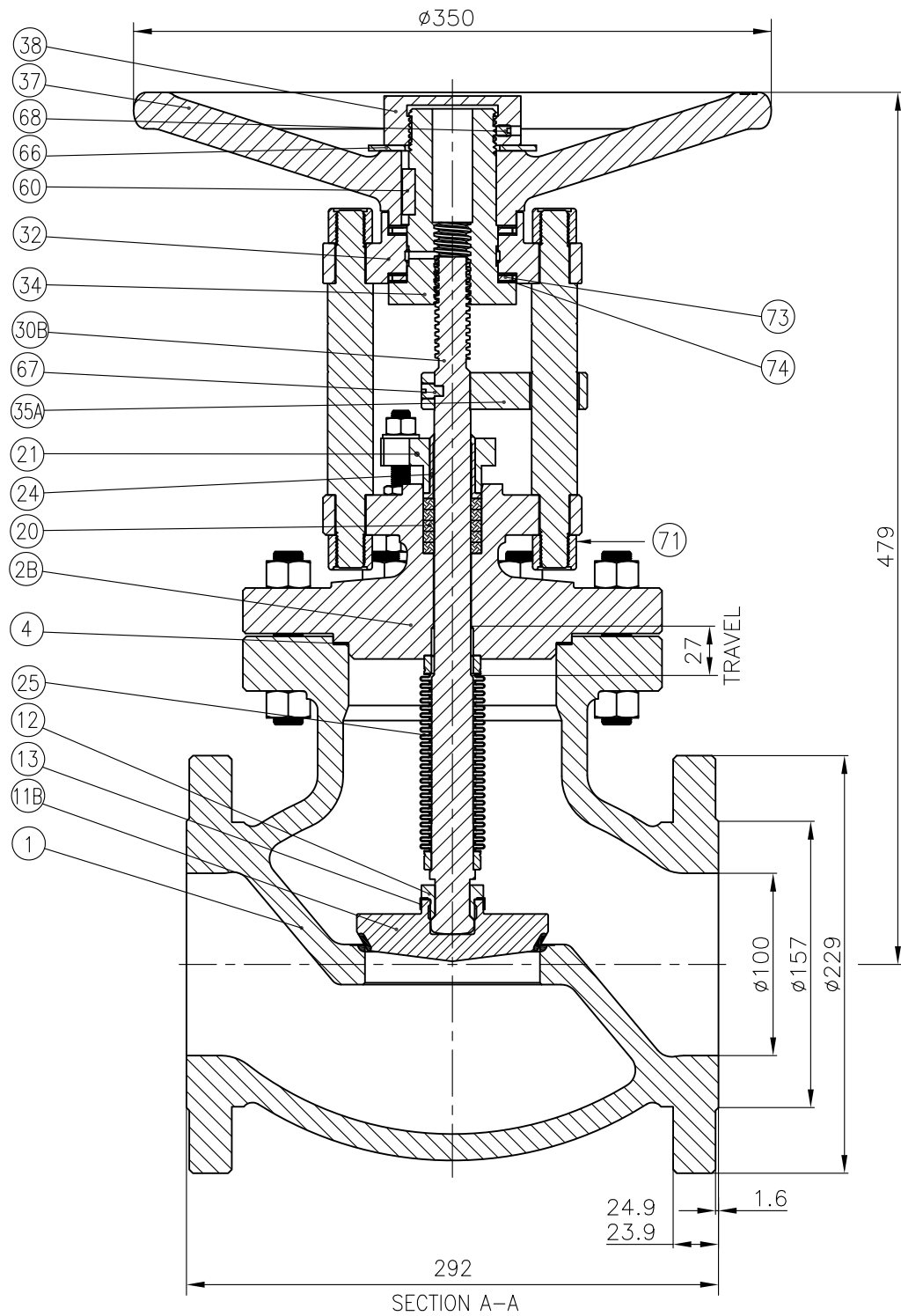
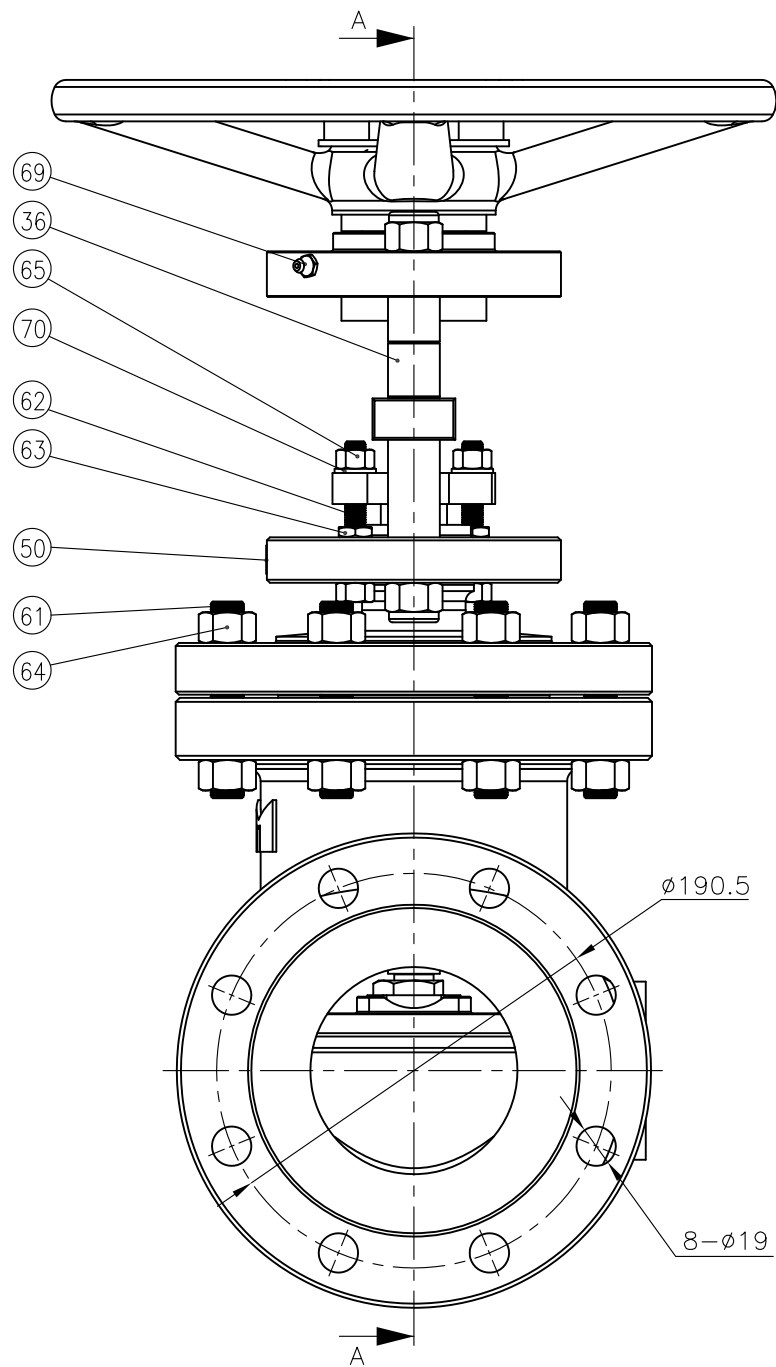


1st ANGLE
PROJECTION



| | | | | | |
|-----|-------------|---|-----|-----------------|----------------|
| | | | | | |
| 1 | Apr.17.2021 | Euro Chlor spec was GEST 06/318; ITP was HMVBS06318; | | Liubo | Ludovic |
| Rev | Date | Description | ECN | Initiated by | Approved by |



| REF | DESCRIPTION | MATERIALS |
|-----|------------------------------|----------------------------------|
| 1 | BODY | ASTM A352 LCC+STELLITE 21 |
| 2B | BONNET | ASTM A350 LF2 |
| 4 | BODY/BONNET GASKET | GYLON 3510 |
| 11B | 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 | PTFE |
| 25 | BELLOWS | UNS N10276(2.4819) |
| 30B | STEM | UNS S31803 |
| 32 | YOKE FLANGE | CS AISI 1035 |
| 34 | YOKE SLEEVE | A439 GRADE D2 |
| 35A | 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 |
| 60 | KEY | CS AISI 1025 |
| 61 | STUD | A320 L7M XYLAN 1424 |
| 62 | STUD | A320 L7M XYLAN 1424 |
| 63 | FLAT 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 | SS 316 |
| 71 | NUT NYLOCK | CS AISI 1035 NYLOCK |
| 50 | NAME PLATE | TYPE 316 |
| 73 | NEEDLE ROLLER THRUST BEARING | |
| 74 | THRUST WASHER | |

Notes:

- Designed generally in accordance with Euro Chlor GEST 17/492 Globe Valves Bellow Sealed for Use on Liquid Chlorine. Also conforms to the requirements of The Chlorine Institute's Pamphlet 6—latest edition.
- Integral weld deposited seat Stellite 21 minimum hardness value HB300 (HRC32 equivalent).
- Applicable Inspection and Test plan ITP HMVBS17492.
- 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 satchet attached to their inner face.
- All lubricants used are chlorine compatible chlorofluorinated.
- Fitted with stainless steel Tag "CLEANED FOR CHLORINE SERVICE".
- Valve to be CE marked. Declaration of Conformity HMV_CE_002.

Weight: 85kg

MAX INTERNAL RADII 0.5 EXCEPT AS STATED
MACHINING TOLERANCES UNLESS OTHERWISE STATED

| | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 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 |
| 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 |

SURFACE ROUGHNESS ✓ EXCEPT
WHERE OTHERWISE STATED

AS PRODUCED BY COMMON PRODUCTION
PROCESSES

ROUGH TURN
TURNING OR MILLING

✓ FINE TURNING

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.

DRAWN DATE APPROVED SCALE

Liubo

2021.04.17

Ludovic

1:2

HUNT & MITTON VALVE COMPANY

VALVE CODE

8801 SERIES

TITLE

G.A.:DN100(4") CAST STEEL
GLOBE VALVE BELLOWS SEAL
FOR USE ON CHLORINE
FLANGED ASME CL150 RF

DRG. No.

SHEET

OF

DN100_8801_CL150RF_10_LCC_C276_31803_EC REV 1