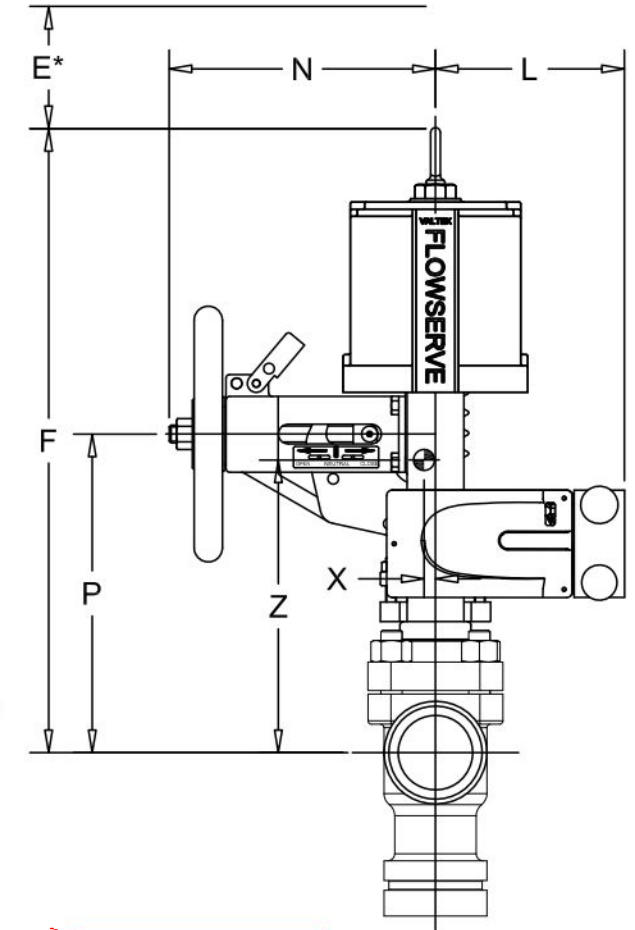
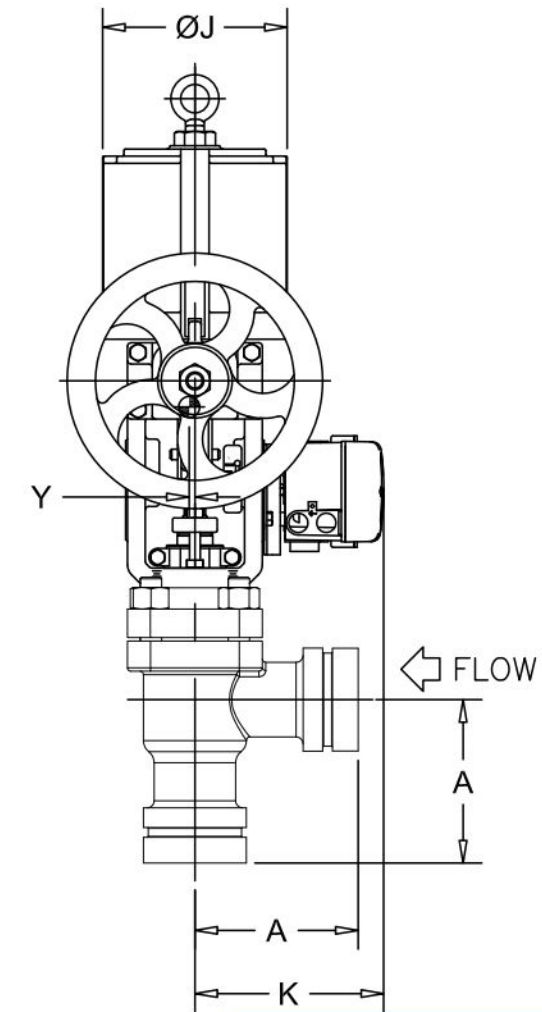


ACTUATOR SHOWN ROTATED
IN THIS VIEW FOR CLARITY

MECKMEC
Non-Pump Dependent Control Valves 2" Flash Tank to Blowdown Tank 1BD-LCV3201

VOGT POWER INTERNATIONAL
ReSubmit per Comments, Work May Proceed
Bell, Milton Oct-12-2016

| REV. | DATE | DESCRIPTION | DRAWN | CHKD |
|------|------------|--------------------------------|-------|------|
| 0 | 03-01-2016 | ISSUED FOR APPROVAL | VGN | SG |
| 1 | 06-18-2016 | UPDATE AS PER CUSTOMER COMMENT | VGN | SG |



NOTE:

Drawing used for:
V17494-Middletown
VPI PO V0009668
and
V0009944 -Kings Mountain
VPI PO 8006106

VOGT POWER INTERNATIONAL
V17494-CIXD-7005-02
20-Jun-2016

VOGT POWER INTERNATIONAL
Released, Work May Proceed
Bell, Milton Jul-06-2016

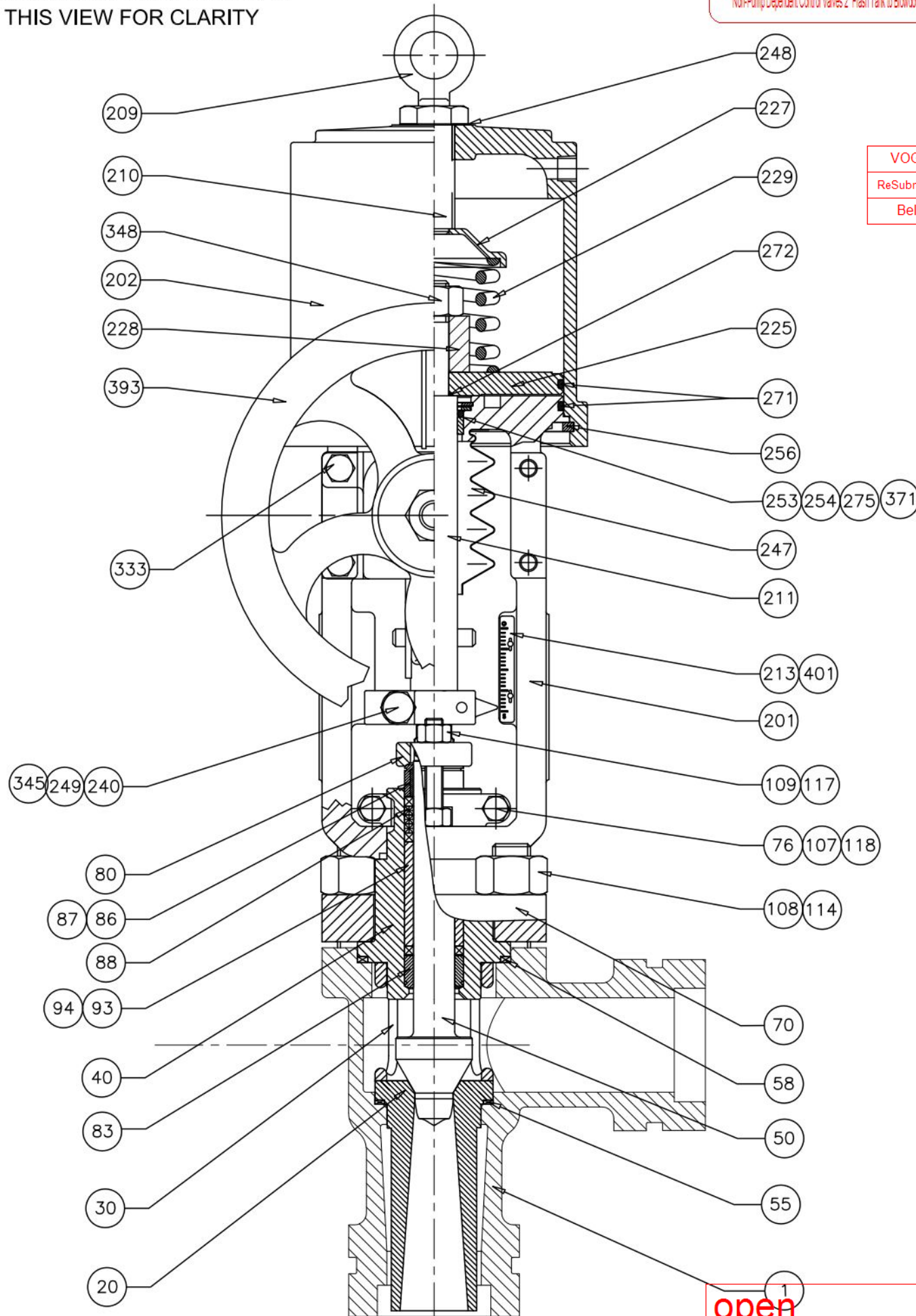
| DESIGN CONDITIONS | |
|---------------------|---|
| DESIGN PRESSURE | 800.00 psi(g) |
| DESIGN TEMPERATURE | 521°F (272°C) |
| PIPE SCH UP | 2.00/80 SCH |
| PIPE SCH DOWN | 8.00/80 SCH |
| VALVE BODY MATERIAL | CARBON STEEL(SA-216-WCC) |
| SERVICE DESCRIPTION | FLASH TANK TO BLOWDOWN TANK CONTROL VALVE |

| APPROXIMATE CENTER OF GRAVITY | | | |
|-------------------------------|-----|-----|------|
| | X | Y | Z |
| in | 0.4 | 0.2 | 10.3 |
| mm | 10 | 5 | 262 |

* - DISASSEMBLY/MAINTENANCE CLEARANCE

| | A | E | F | J | K | L | M | N | P | S | T | APPROXIMATE WEIGHT |
|----|------|-----|------|-----|-----|-----|-----|-----|------|------|------|--------------------|
| in | 5.75 | 4.5 | 21.9 | 6.5 | 8.3 | 7.3 | 9.0 | 9.5 | 11.2 | 12.3 | 25.0 | 112 lbs |
| mm | 146 | 114 | 556 | 165 | 211 | 185 | 229 | 241 | 284 | 312 | 635 | 51 kg |

| | | | | |
|------------|----------------|--|--------------------------------|-------------------------------------|
| MODEL | MARK I ANGLE | DRAWN BY VGN DATE 06-18-2016 | CERTIFIED DIMENSIONAL DRAWING | |
| SIZE | 2.00 INCH | CERTIFIED BY SG | | |
| RATING | STD 600 VALTEK | DATE 06-18-2016 | CUSTOMER | |
| END PREP. | SOC WELD | THIRD ANGLE PROJECTION | VOGT POWER INTERNATIONAL | |
| TRIM TYPE | UNBALANCED | | PURCHASE ORDER NO. V0009668 | PROJECT OR JOB V17494-MIDDLETOWN |
| TRIM NO | CV .81 13.6 | TOLERANCES DECIMALS: IN/[mm] .X ±.25/[6.4] .XX ±.12/[3.1] .XXX ±.06/[1.5] ANGLES: ±1/2° | ITEM NO. | SHEET 1 of 2 |
| ACT. SIZE | 25 SQ IN | | TAG NO. | SIZE C |
| SPRING | STANDARD | | 1BD-LCV3201 | SCALE: NONE |
| AIR ACTION | OPEN | | | VALTEK S/N 8003477.006 |
| FAIL MODE | CLOSE | | | REV 1 |



open

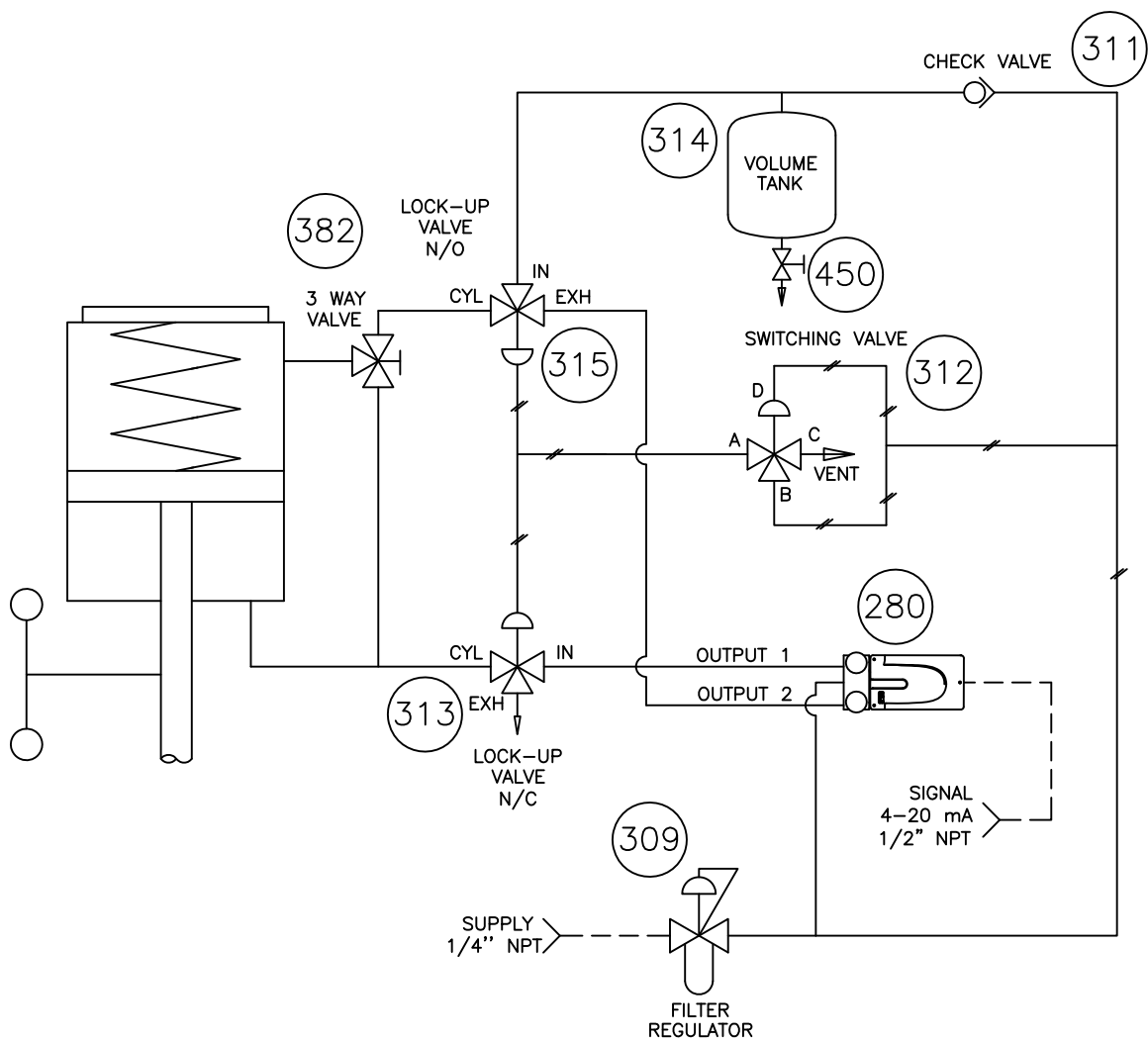
close

D

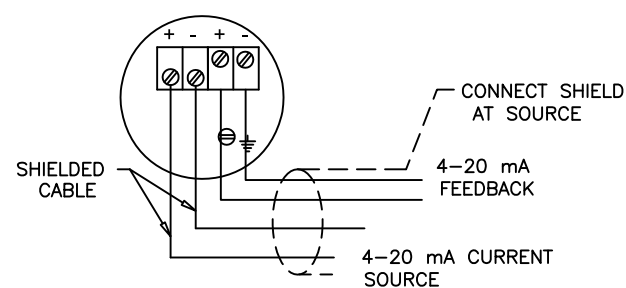
C

B

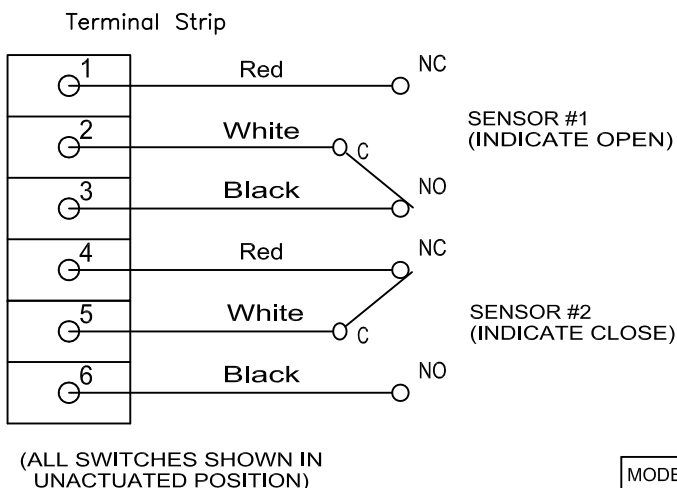
A



PNEUMATIC SCHEMATIC



280 LOGIX 500 POSITIONER



ELECTRICAL SCHEMATIC

| REV. | DATE | DESCRIPTION | DRAWN | CHKD |
|------|------------|--------------------------------|-------|------|
| 0 | 03-01-2016 | ISSUED FOR APPROVAL | VGN | SG |
| 1 | 06-18-2016 | UPDATE AS PER CUSTOMER COMMENT | VGN | SG |
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