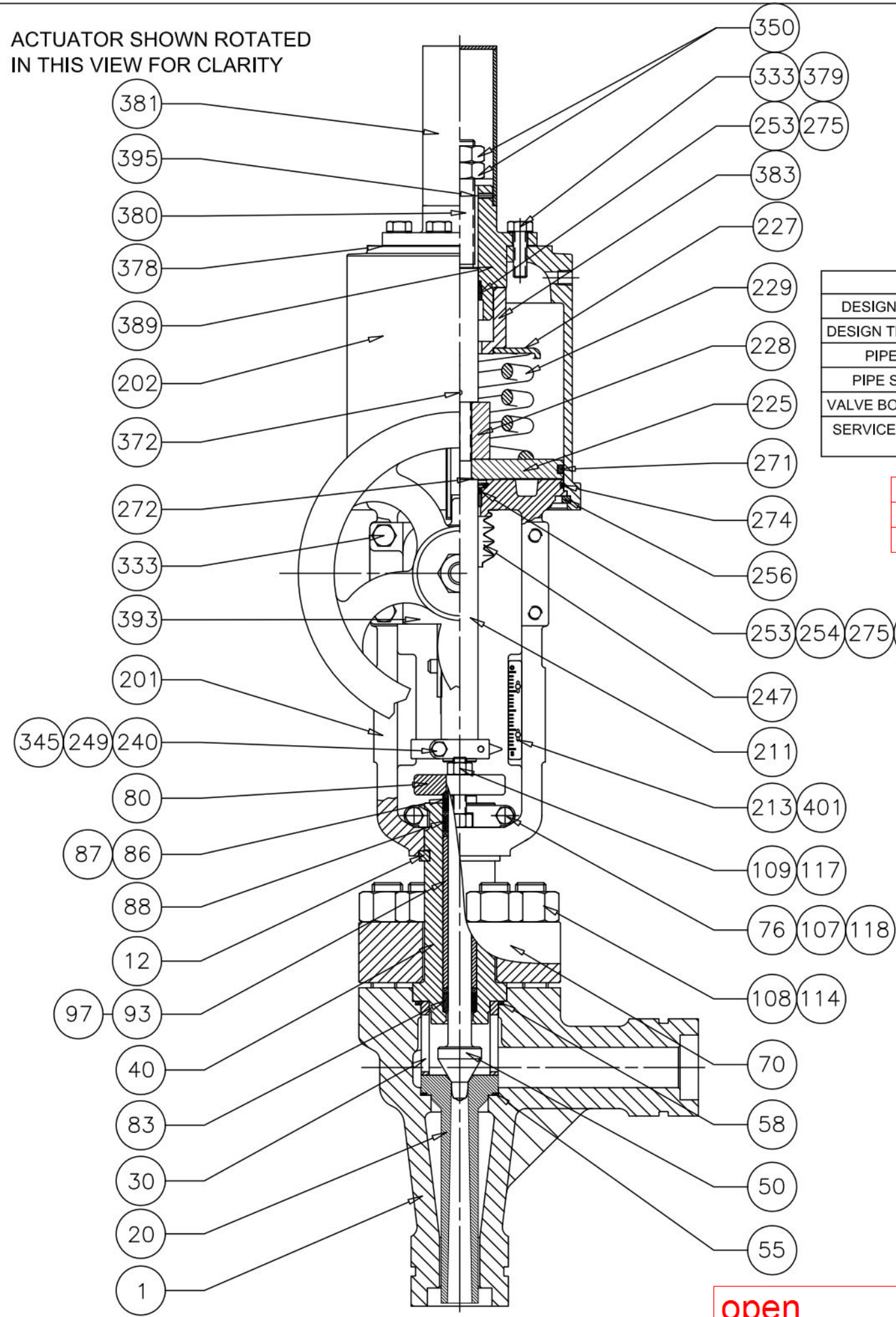


ACTUATOR SHOWN ROTATED
IN THIS VIEW FOR CLARITY



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

MECK/MEC
Non-Pump Dependent Control Valves 2" HPCBD 1HP-FCV3204

DESIGN CONDITIONS	
DESIGN PRESSURE	3085.00 psi(g)
DESIGN TEMPERATURE	701°F (372°C)
PIPE SCH UP	2.00/160 SCH
PIPE SCH DOWN	4.00/160 SCH
VALVE BODY MATERIAL	CARBON STEEL(WCC)
SERVICE DESCRIPTION	HP CONTINUOUS BLOWDOWN BLOWDOWN CONTROL VALVE

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

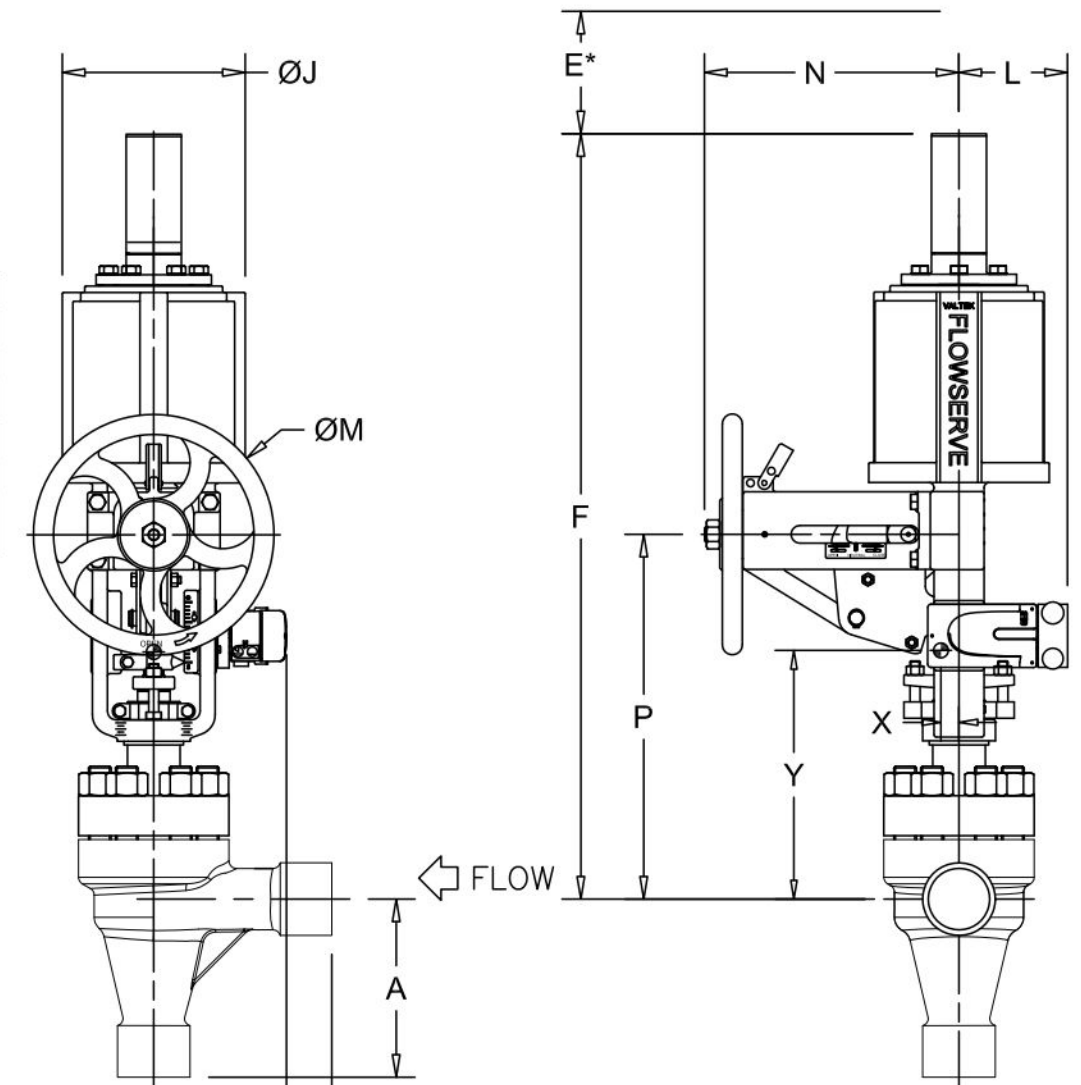
VOGT POWER INTERNATIONAL
~~Released, Work May Proceed~~
Bell, Milton Jul-06-2016

VOGT POWER INTERNATIONAL
V17494-CIXD-7003-02
20-Jun-2016

APPROXIMATE CENTER OF GRAVITY			
	X	Y	Z
in	0.9	0	12.4
mm	23	0	315

* - DISASSEMBLY/MAINTENANCE CLEARANCE

	A	E	F	J	K	L	M	N	P	APPROXIMATE WEIGHT
in	8.88	6.1	38.2	9.1	9.0	7.3	12.0	12.8	18.2	229 lbs
mm	226	155	970	231	229	185	305	325	462	104 kg



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

MODEL	MARK I ANGLE	DRAWN BY VGN DATE 06-18-2016	FLOWSERVE CERTIFIED DIMENSIONAL DRAWING		
SIZE	2.00 INCH	CERTIFIED BY SG			
RATING	STD 2500 VALTEK	DATE 06-18-2016	CUSTOMER		
END PREP.	SOC WELD	THIRD ANGLE PROJECTION	VOGT POWER INTERNATIONAL		
TRIM TYPE	UNBALANCED		PURCHASE ORDER NO.	PROJECT OR JOB	
TRIM NO	CV .62 11.0		V0009668	V17494-MIDDLETOWN	
ACT. SIZE	50 SQ IN		ITEM NO.	SHEET	1 of 2
SPRING	STANDARD	TOLERANCES DECIMALS: IN/[mm] .X ±.25/[6.4] .XX ±.12/[3.1] .XXX ±.06/[1.5] ANGLES: ±1/2°	TAG NO.	SCALE:	NONE
AIR ACTION	OPEN		1HP-FCV3204	VALTEK S/N	8003477.004
FAIL MODE	CLOSE				REV 1

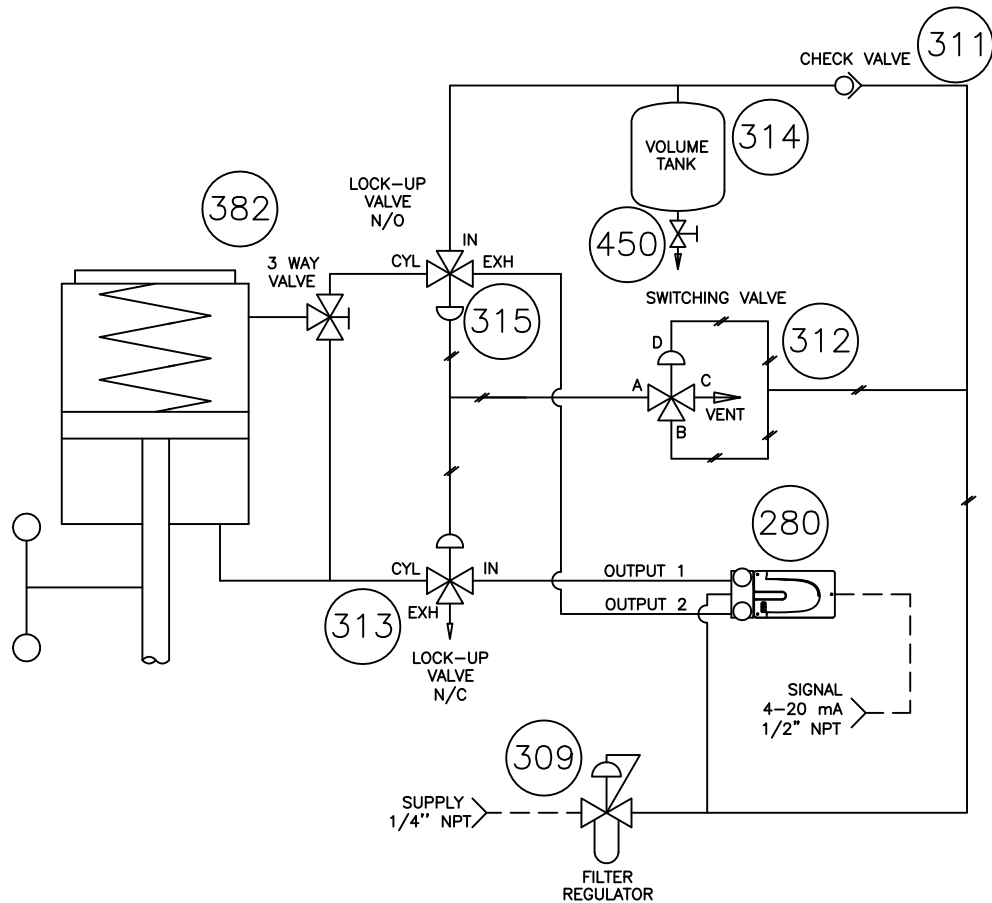
4

3

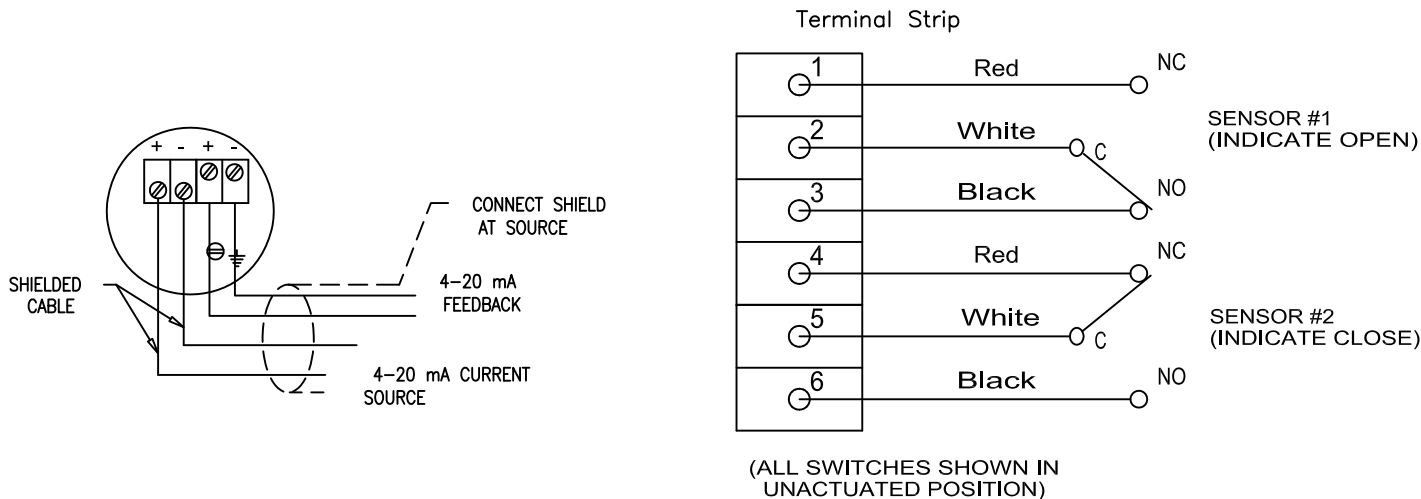
2

1

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





PNEUMATIC SCHEMATIC



(280) LOGIX 500 POSITIONER (305) POSITION PAC A2

ELECTRICAL SCHEMATIC

MODEL		MARK I ANGLE		DRAWN BY VGN DATE 06-18-2016		 CERTIFIED DIMENSIONAL DRAWING				
SIZE		2.00 INCH		CERTIFIED BY SG		CUSTOMER VOGT POWER INTERNATIONAL				
RATING	STD	2500	VALTEK	DATE 06-18-2016						
END PREP.		SOC WELD		<div>THIRD ANGLE PROJECTION</div> <div></div>		PURCHASE ORDER NO. V0009668		PROJECT OR JOB V17494-MIDDLETOWN		
TRIM TYPE		UNBALANCED				ITEM NO.		SHEET 2 of 2		SIZE C
TRIM NO	CV	.62	11.0			TAG NO.		SCALE: NONE		
ACT. SIZE		50 SQ IN		<div>TOLERANCES</div> <div>DECIMALS: IN/[mm]</div> <div>.X ±.25/[6.4]</div> <div>.XX ±.12/[3.1]</div> <div>.XXX ±.06/[1.5]</div> <div>ANGLES: ±1/2°</div>		1HP-FCV3204		VALTEK S/N 8003477.004		REV 1
SPRING		STANDARD								
AIR ACTION		OPEN								
FAIL MODE		CLOSE								