

ACTUATOR SHOWN ROTATED
IN THIS VIEW FOR CLARITY

REV.	DATE	DESCRIPTION	DRAWN	CHKD
0	04-20-2016	ISSUED FOR APPROVAL	VKP	SG
1	05-18-2016	UPDATED AS PER CUSTOMER COMMENTS	BJK	SG
2	05-24-2016	UPDATED AS PER CUSTOMER COMMENTS	BJK	SG

MEC/KMEC
Pump Curve Dependant Control Valves-8" LP Feedwater 1LP-LCV3203

VOGT POWER INTERNATIONAL
V17494-CIXD-7103-03
31-May-2016

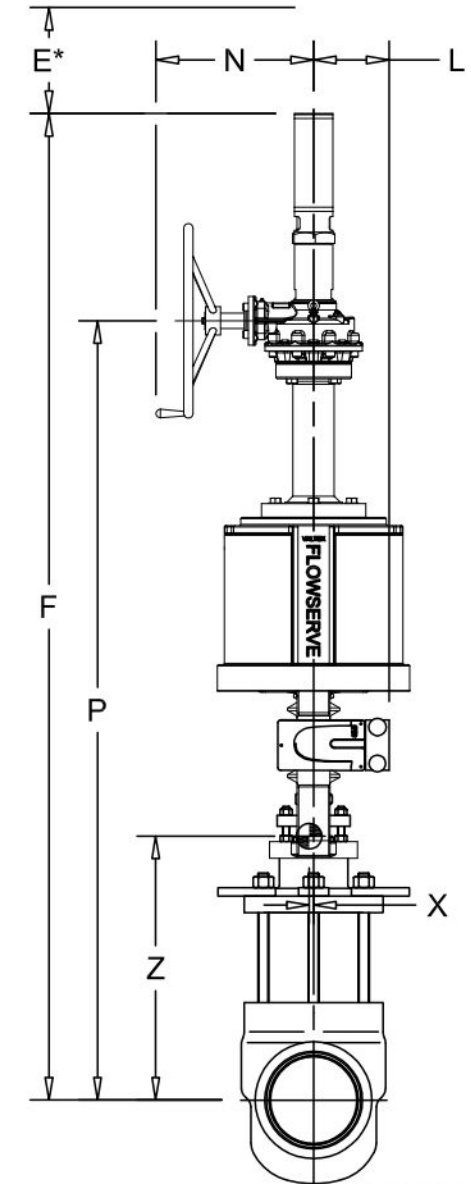
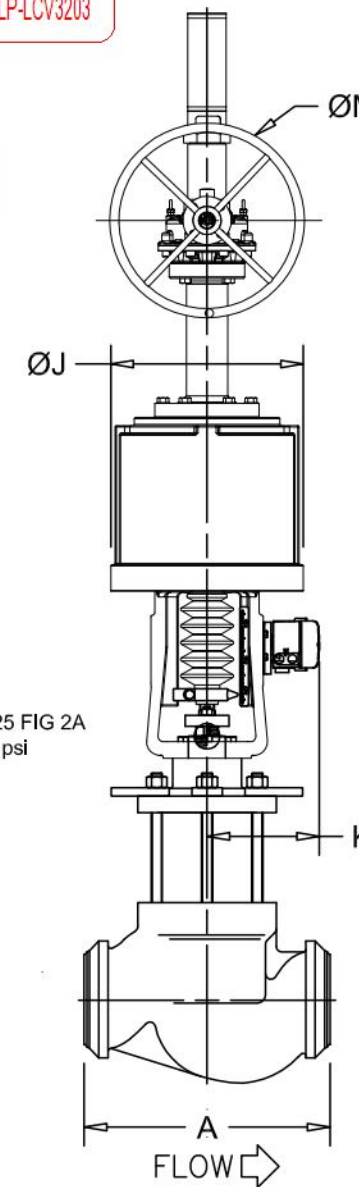
VOGT POWER INTERNATIONAL
Released, Work May Proceed
Bell, Milton Jun-21-2016

NOTE:
VALVE TO BE INSTALL 10 DEGREES
FROM VERTICAL

NOTE:
1. BODY END PREPARATION ASME B16.25 FIG 2A
2. HYDROSTATIC TEST PRESSURE 1110 psi
3. LIFTING LUGS RATED FOR 4000 lbs

NOTE:
Drawing used for:
V17484-Middletown
VPI PO number V0009762
and
V17495 -Kings Mountain
VPI PO number V0009945

DESIGN CONDITIONS	
DESIGN PRESSURE	625.00 psi(g)
DESIGN TEMPERATURE	494.00°F (257.00°C)
PIPE SCH UP	10.00/40 SCH
PIPE SCH DOWN	10.00/40 SCH
VALVE BODY MATERIAL	CARBON STEEL(WCC)


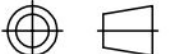


APPROXIMATE
CENTER OF GRAVITY

	X	Y	Z
in	0.4	0	24.0
mm	10	0	610

* - DISASSEMBLY/MAINTENANCE CLEARANCE

	A	E	F	J	K	L	M	N	P	APPROXIMATE WEIGHT
in	24.00	13.4	88.8	17.5	10.7	6.1	18.0	16.0	69.9	1300 lbs
mm	610	340	2256	445	272	155	457	406	1775	590 kg

MODEL		MK I/DIAMONDBACK		DRAWN BY BJK DATE 05-24-2016		<div> CERTIFIED DIMENSIONAL DRAWING</div>				
SIZE		8.00 INCH		CERTIFIED BY SG		CUSTOMER VOGT POWER INTERNATIONAL				
RATING	STD	300	S75.08.05	DATE 05-24-2016						
END PREP.		BW SCH 40		<div>THIRD ANGLE PROJECTION</div> <div></div>						
TRIM TYPE		P/B O-RING								
TRIM NO	CV	5.88	410.0							
ACT. SIZE		200 SQ IN		<div>TOLERANCES DECIMALS: IN/[mm] .X ±.25/[6.4] .XX ±.12/[3.1] .XXX ±.06/[1.5] ANGLES: ±1/2°</div>		PURCHASE ORDER NO. V0009762		PROJECT OR JOB V17494-MIDDLE TOWN		
SPRING		NONE				ITEM NO.		SHEET 1 of 2		SIZE
AIR ACTION		OPEN				TAG NO.		SCALE: NONE		C
FAIL MODE		CLOSE				1LP-LCV3203 LP MAIN FEEDWATER DRUM LEVEL		VALTEK S/N		REV
								8004233.004		2

4

|

3

|

2

|

1

D

C

B

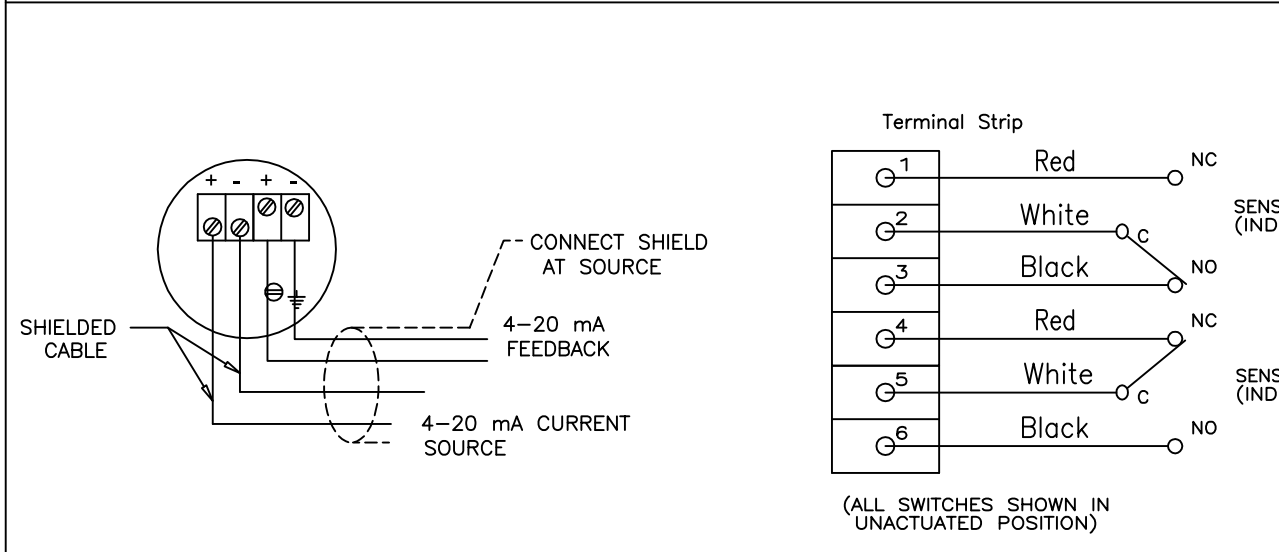
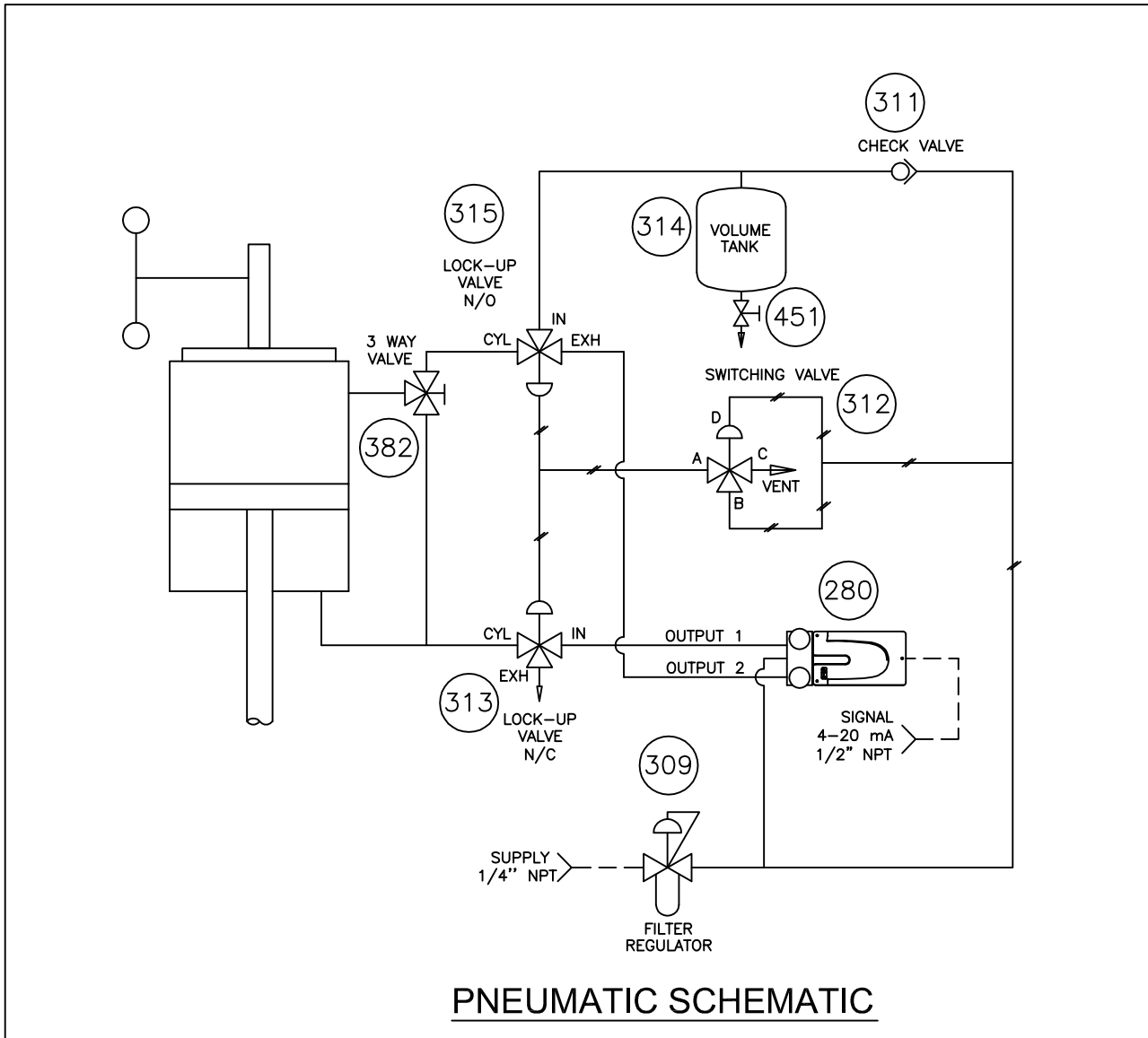
A

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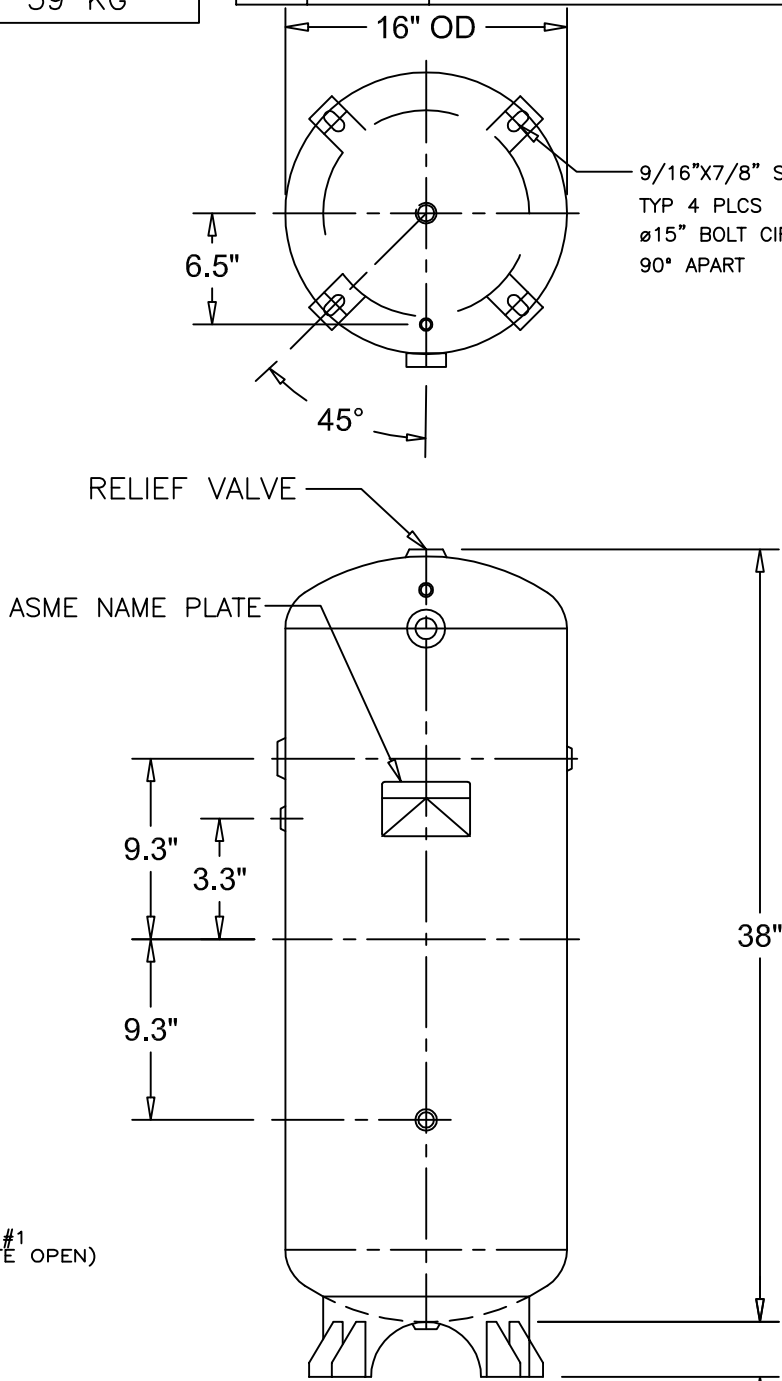
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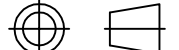
* Parts listed but not shown

TOTAL WEIGHT	
85 LBS	
39 KG	

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NOTE: MANUFACTURES PORT SIZE WILL BE REDUCED TO ACCOMMODATE MOUNTED ACCESSORIES. REFER TO SCHEMATIC FOR ACCESSORY CONNECTION DETAILS.

MODEL		MK I/DIAMONDBACK		DRAWN BY BJK DATE 05-24-2016		 CERTIFIED DIMENSIONAL DRAWING				
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RATING	STD	300	S75.08.05	DATE 05-24-2016						
END PREP.		BW SCH 40		<div>THIRD ANGLE PROJECTION</div> <div></div>						
TRIM TYPE		P/B O-RING								
TRIM NO	CV	5.88	410.0							
PURCHASE ORDER NO.		V0009762		PROJECT OR JOB V17494-MIDDLE TOWN						
ACT. SIZE		200 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>		ITEM NO.		SHEET 2 of 2		SIZE
SPRING		NONE				TAG NO.		SCALE: NONE		C
AIR ACTION		OPEN				1LP-LCV3203 LP MAIN FEEDWATER DRUM LEVEL		VALTEK S/N 8004233.004		
FAIL MODE		CLOSE						REV 2		



CERTIFIED DIMENSIONAL DRAWING

CUSTOMER

VOGT POWER INTERNATIONAL

PURCHASE ORDER NO.

PROJECT OR JOB

V0009762

V17494-MIDDLE TOWN

ITEM NO.

SHEET

SIZE

TAG NO.

SCALE:

REV

1LP-LCV3203

8004233.004

LP MAIN FEEDWATER DRUM LEVEL

2