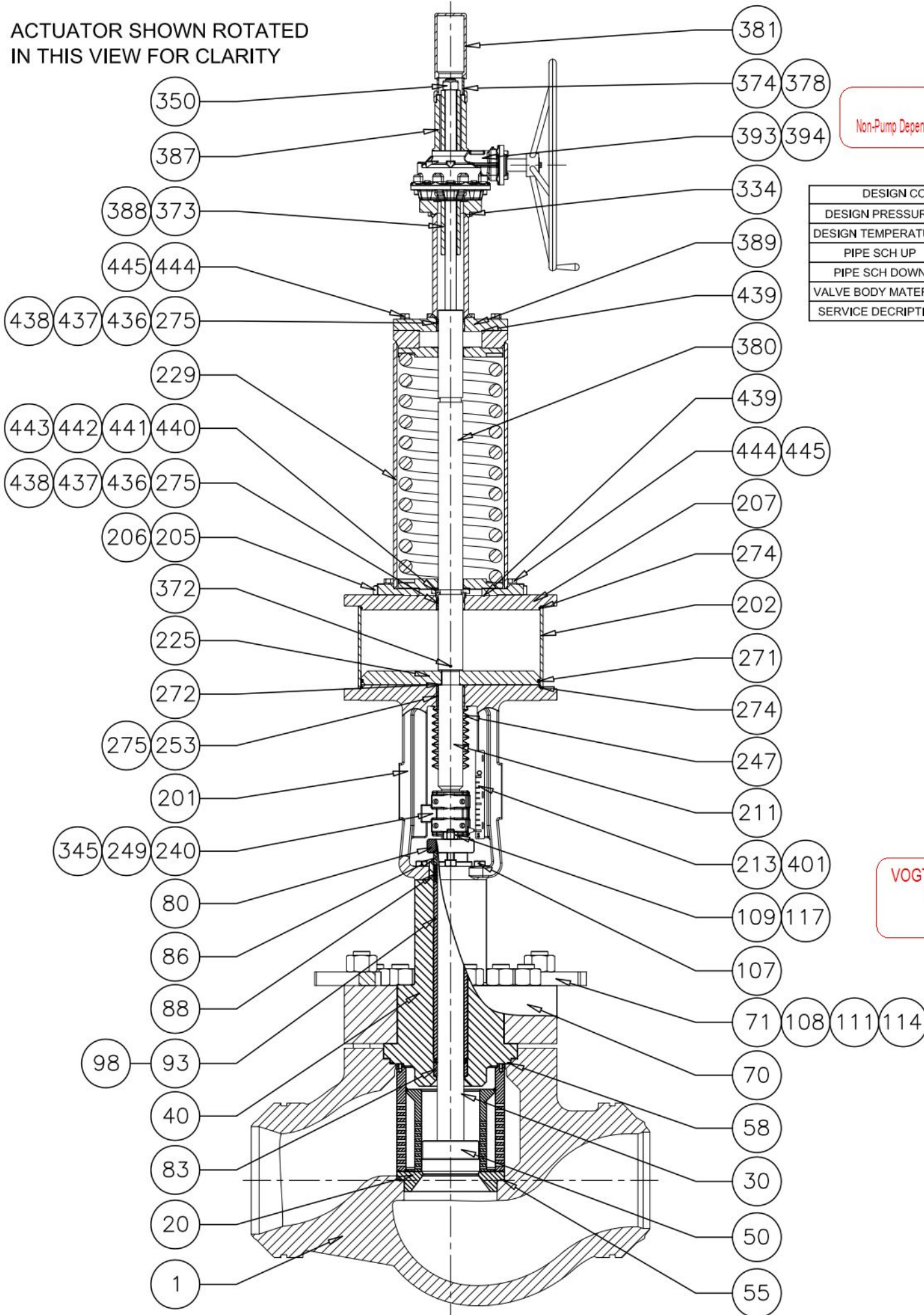


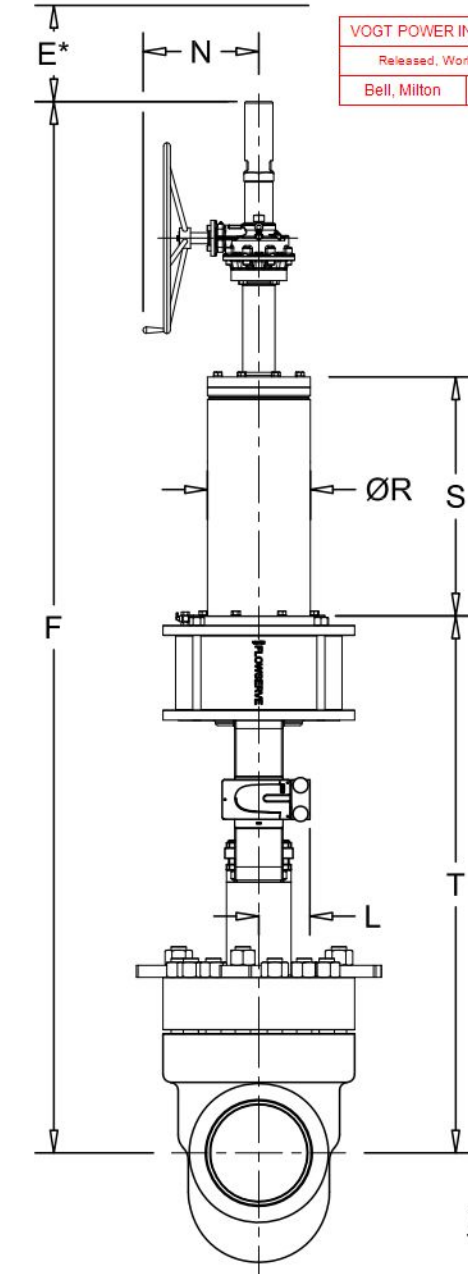
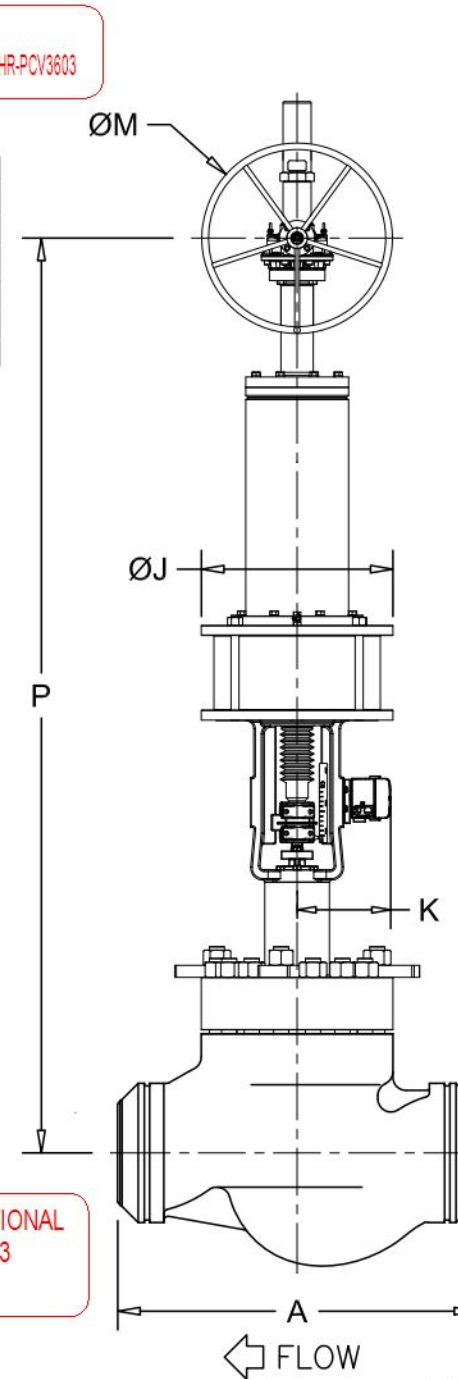
ACTUATOR SHOWN ROTATED
IN THIS VIEW FOR CLARITY



REV.	DATE	DESCRIPTION	DRAWN	CHKD
0	03-02-2016	ISSUED FOR APPROVAL	SSA	SG
1	05-02-2016	HANDWHEEL ORIENTATION CHANGED & INCLUDED ADDITIONAL DIMENSIONS	SSA	SG
2	06-18-2016	UPDATE AS PER CUSTOMER COMMENT	VGN	SG

MECKMEC
Non-Pump Dependent Control Valves 12" RH SUV 1HR-PCV3603

DESIGN CONDITIONS	
DESIGN PRESSURE	715.00 psi(g)
DESIGN TEMPERATURE	1076°F (580°C)
PIPE SCH UP	10.00/120 SCH
PIPE SCH DOWN	12.00/STD SCH
VALVE BODY MATERIAL	Cr-Mo WC9; F22
SERVICE DESCRIPTION	STEAM





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

APPROXIMATE ACTUATOR WEIGHT
1508 lbs
684 kg

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

	A	E	F	J	K	L	M	N	P	R	S	T	APPROXIMATE WEIGHT
in	44.50	14.6	130.3	23.8	11.8	7.6	24.0	14.0	113.3	12.8	29.6	66.5	6185 lbs
mm	1130	371	3310	605	300	193	610	356	2878	325	752	1689	2805 kg

MODEL		MK I/MGSTRM		DRAWN BY VGN		DATE 06-18-2016				CERTIFIED DIMENSIONAL DRAWING			
SIZE		12.00 INCH		CERTIFIED BY		SG							
RATING	STD	1500	S75.08.05	DATE 06-18-2016		CUSTOMER							
END PREP.		BW SCH STD		<div>THIRD ANGLE PROJECTION</div> <div></div>		VOGT POWER INTERNATIONAL							
TRIM TYPE		UNBALANCED				PURCHASE ORDER NO.			PROJECT OR JOB				
TRIM NO	CV	6.25	653			V0009668			V17494-MIDDLETOWN				
ACT. SIZE		300 VL-ES		<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		1 of 2		SIZE	
SPRING		HEAVY DUTY				TAG NO.		SCALE:		NONE		C	
AIR ACTION		OPEN				1HR-PCV3603		VALTEK S/N		REV			
FAIL MODE		CLOSE						8003477.002		2			

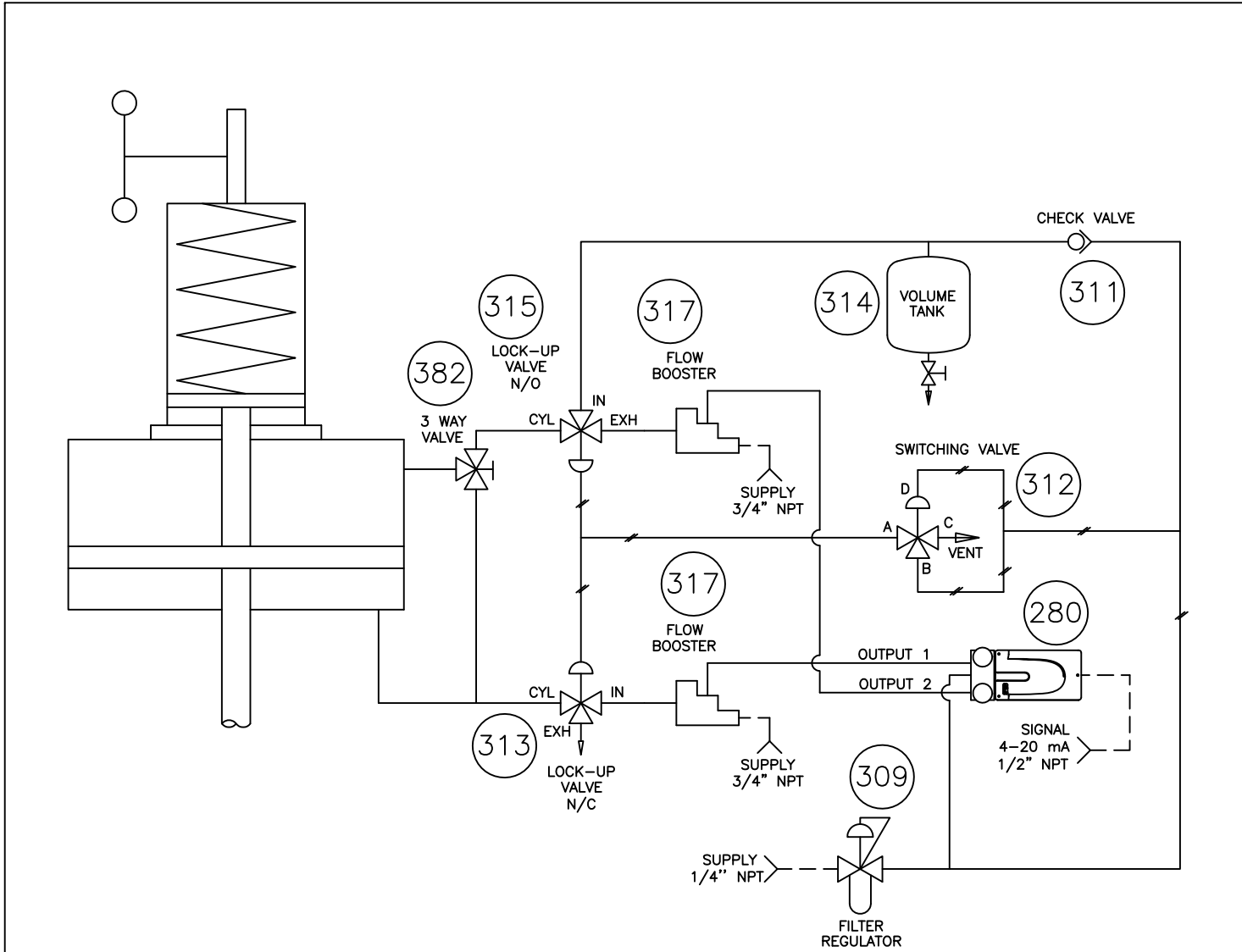
HR Start-Up Vent

D

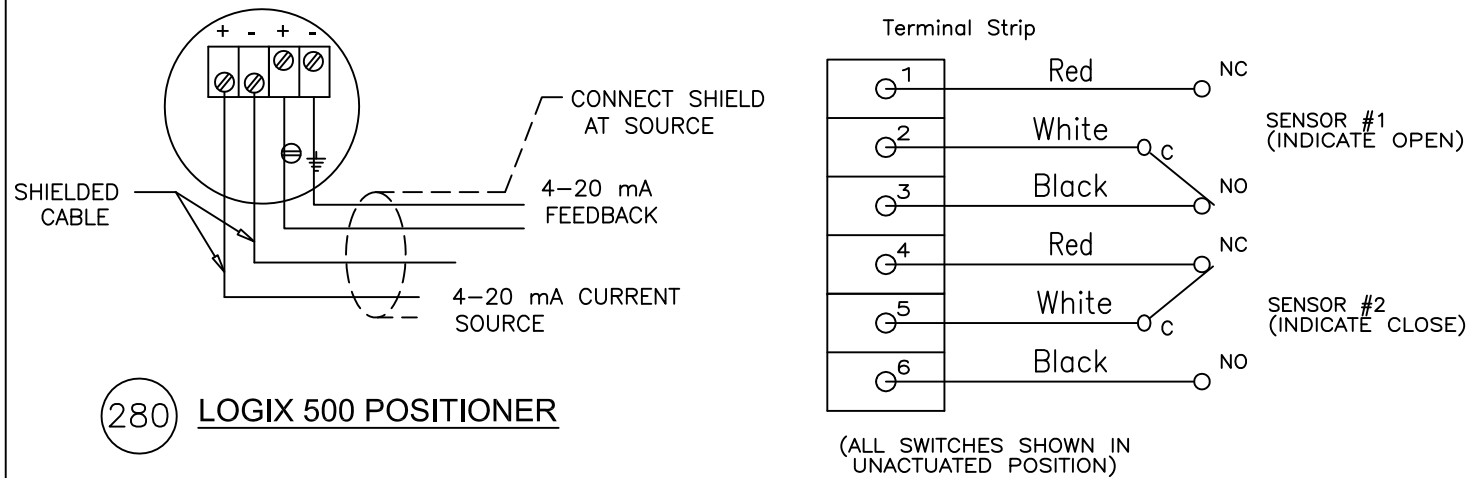
C

B

A

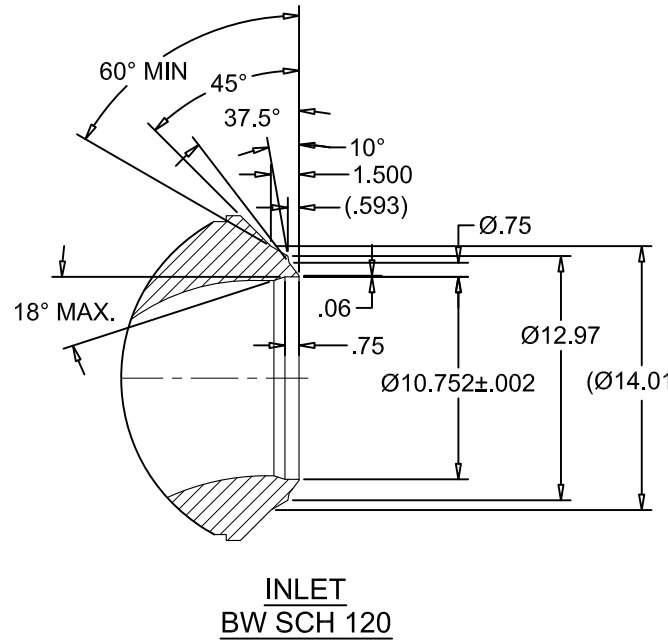
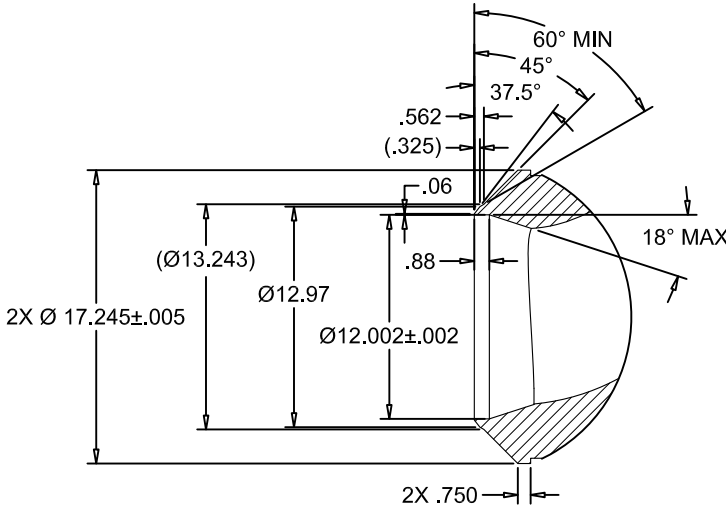



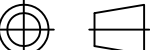
PNEUMATIC SCHEMATIC



ELECTRICAL SCHEMATIC

REV.	DATE	DESCRIPTION	DRAWN	CHKD
0	03-02-2016	ISSUED FOR APPROVAL	SSA	SG
1	05-02-2016	HANDWHEEL ORIENTATION CHANGED & INCLUDED ADDITIONAL DIMENSIONS	SSA	SG
2	06-18-2016	UPDATE AS PER CUSTOMER COMMENT	VGN	SG



MODEL		MK I/MGSTRM		DRAWN BY VGN DATE 06-18-2016		 CERTIFIED DIMENSIONAL DRAWING				
SIZE		12.00 INCH		CERTIFIED BY SG						
RATING	STD	1500	S75.08.05	DATE 06-18-2016		CUSTOMER				
END PREP.		BW SCH STD		<div>THIRD ANGLE PROJECTION</div> <div></div>		VOGT POWER INTERNATIONAL				
TRIM TYPE		UNBALANCED				PURCHASE ORDER NO. V0009668		PROJECT OR JOB V17494-MIDDLETOWN		
TRIM NO	CV	6.25	653							
ACT. SIZE		300 VL-ES		<div>TOLERANCES DECIMALS: IN/[mm] .X ±.25/[6.4] .XX ±.12/[3.1] .XXX ±.06/[1.5] ANGLES: ±1/2°</div>		ITEM NO.		SHEET	2 of 2	SIZE
SPRING		HEAVY DUTY				TAG NO.		SCALE:	NONE	C
AIR ACTION		OPEN				1HR-PCV3603		VALTEK S/N		REV
FAIL MODE		CLOSE						8003477.002		2