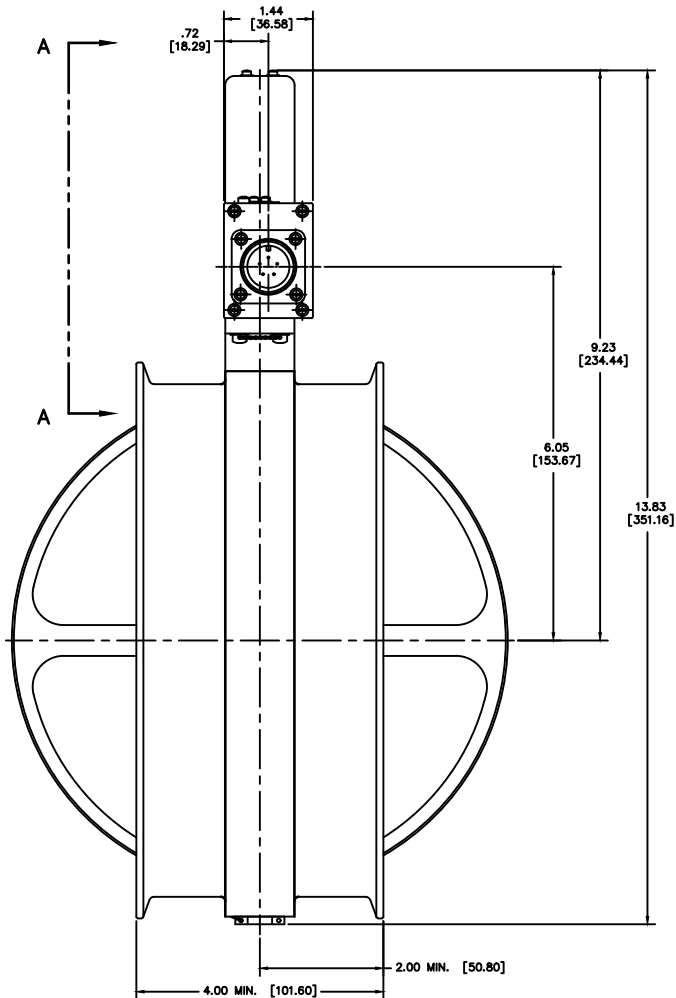


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—1 PLAN VIEW

REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.

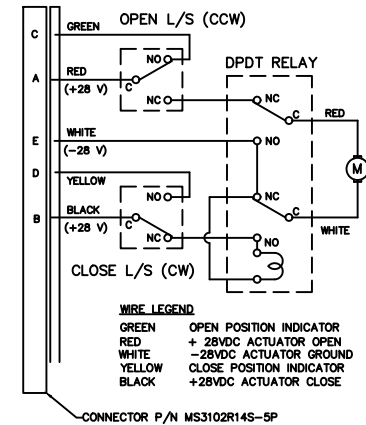
NOTES CONTINUED:

7. SPECIFICATIONS AS FOLLOWS:

- OPERATING TEMPERATURE: -4F TO 212F [-20°C TO +100°C]
- OPERATING PRESSURE: 1.74 PSI [12 Kpa]
- PROOF PRESSURE: 2.61 PSI [18 Kpa]
- ULTIMATE PRESSURE: 5.22 PSI [36 Kpa]
- NOMINAL AIRFLOW RATE: TBD
- PRESSURE DROP: TBD
- INTERNAL LEAKAGE: 6.35 SOFM @ 2.61 PSI INLET [3 L/s]
- EXTERNAL LEAKAGE: .004 SCFM MAXIMUM @ 2.61 PSI INLET
- OPEN/CLOSE (17V): 35 SECONDS MAXIMUM
- OPEN/CLOSE (28V): 17 SECONDS MAXIMUM
- NOMINAL VOLTAGE: 27.0 TO 30.3 VDC
- MAXIMUM CURRENT: 0.4 AMPS AT 28V
- CURRENT THROUGH:
- INTEGRATED M/SWITCHES : 1.0 A MINIMUM
- CUSTOMER SPECIFICATION No. :

△ SEE SHEET (2)

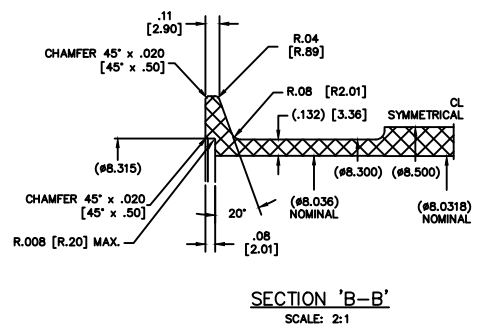
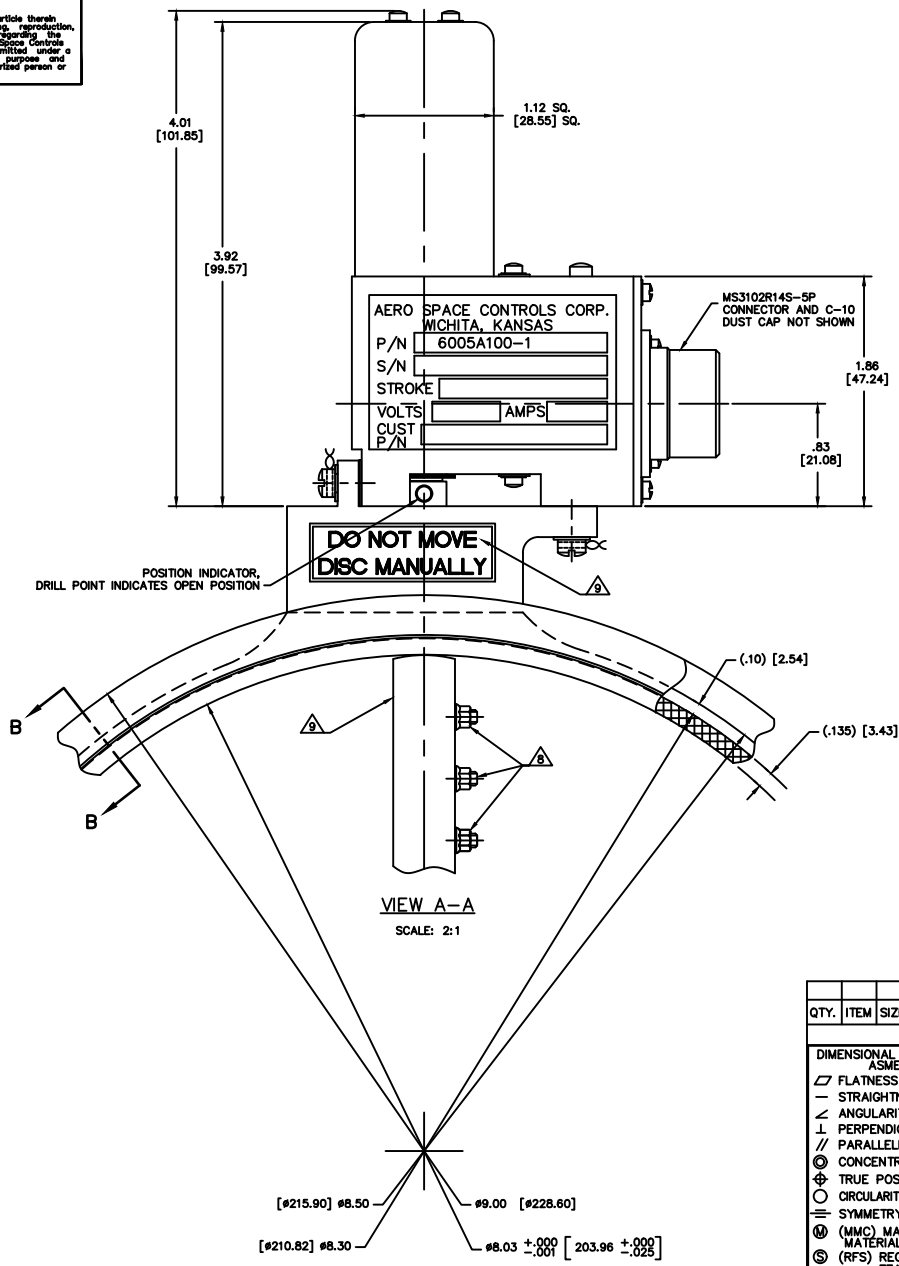
△ SEE SHEET (2)



-1 VALVE/ACTUATOR OUTLINE		LIST OF MATERIALS		AERO SPACE CONTROLS CORPORATION WICHITA, KANSAS				
QTY.	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L. SPEC.	FINISH	FINISH SPEC.
DIMENSIONAL SYMBOLS PER ASME Y14.5		UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		<b>TITLE:</b> VALVE AND ACTUATOR - OUTLINE -  CODE IDENT No. <span style="border: 1px solid black; padding: 2px;">D</span> DWG. No. <b>6005A100</b> SCALE: 1:1 UNIT WT. LBS. SHT. 1 OF 2
∠	FLATNESS	1. DIMENSIONS ARE IN INCHES - TOLERANCES ON -		DR.	D. ORTH	5-23-16		
—	STRAIGHTNESS	FRACTIONS ± 1/16		CHK.				
∠	ANGULARITY	XX DEC ±.030		ENGR.				
⊥	PERPENDICULARITY	DRILL HOLES AND 10387		APPD.				
∥	PARALLELISM	2. SURFACE ROUGHNESS PER ASME-B46.1		NEXT ASSY:				
⊙	CONCENTRICITY	3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX.		6. ALL DIMENSIONS BEFORE PLATING				
⊕	TRUE POSITION	4. INTERNAL RADII .005 TO .015		DO NOT SCALE DRAWING				
⊙	CIRCULARITY (ROUNDNESS)	5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105						
≡	SYMMETRY							
Ⓜ	(MMC) MAXIMUM MATERIAL CONDITION							
Ⓢ	(RFS) REGARDLESS OF FEATURE SIZE							

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REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
		SEE SHEET 1 FOR REVISIONS		



NOTES CONTINUED:

- 7. SEE SHEET (1)
- Ⓐ AFTER FINAL ADJUSTMENT—PLACE VALVE ASSEMBLY IN AN OPEN POSITION. IN THE OPEN POSITION THE DRILL POINT ON THE COUPLING SHOULD BE VISIBLE FROM THE SIDE. A RIGHT SIDE ORIENTATION (AS SHOWN IN VIEW A-A) OR A LEFT SIDE ORIENTATION OF THE SET SCREWS/LOCKING NUTS IN RELATION TO THE BUTTERFLY DISC IS POSSIBLE AND ALSO PERMISSIBLE.
- Ⓓ TO AVOID DAMAGE TO THE INTERNAL GEARBOX APPLICABLE TO THIS PRODUCT THE DISK SHOULD NEVER BE OPERATED MANUALLY

-1		VALVE/ACTUATOR OUTLINE							
QTY.	ITEM	SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L. SPEC.	FINISH	FINISH SPEC.	
LIST OF MATERIALS									
DIMENSIONAL SYMBOLS PER ASME Y14.5		UNLESS OTHERWISE SPECIFIED		SIGNATURES		DATE		<b>AERO SPACE CONTROLS CORPORATION</b> <b>WICHITA, KANSAS</b>  <b>VALVE AND ACTUATOR</b> <b>— OUTLINE —</b>  CODE IDENT No. <span style="border: 1px solid black; padding: 2px;">D</span> SIZE <span style="border: 1px solid black; padding: 2px;">D</span> DWG. No. <b>6005A100</b>  SCALE: 2:1 UNIT WT. LBS. SHT. 2 OF 2	
— FLATNESS		1. DIMENSIONS ARE IN INCHES		DR. D. ORTH		5-23-16			
— STRAIGHTNESS		— TOLERANCES ON —		CHK.					
∠ ANGULARITY		FRACTIONS ± 1/16		ENGR.					
⊥ PERPENDICULARITY		XX DEC ±.030		NEXT ASSY:					
// PARALLELISM		ANGLES ±0° 30'		APPD.					
◎ CONCENTRICITY		DRILL HOLES AND 10387		APPD.					
⊕ TRUE POSITION		2. SURFACE ROUGHNESS PER MIL-STD-10		NEXT ASSY:					
○ CIRCULARITY (ROUNDNESS)		3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX.		APPD.					
= SYMMETRY		4. INTERNAL RADII .005 TO .015		APPD.					
Ⓜ (MMC) MAXIMUM MATERIAL CONDITION		5. STRAIGHT SCREW MIL-S-7742 TAPERED PIPE MIL-P-7105		APPD.					
Ⓢ (RFS) REGARDLESS OF FEATURE SIZE				APPD.					
				6. ALL DIMENSIONS BEFORE PLATING					
				DO NOT SCALE DRAWING					