– NOTICE –
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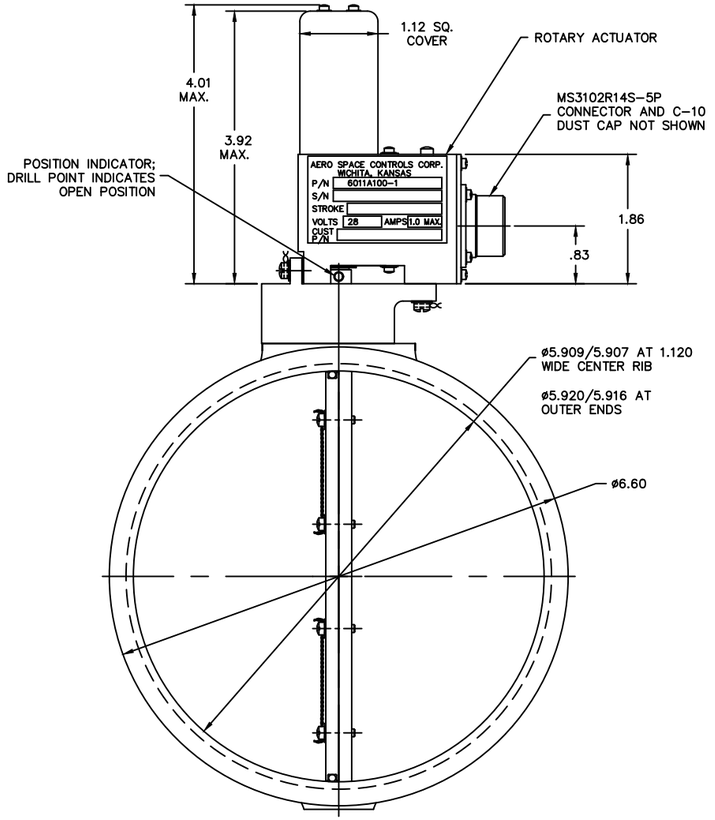
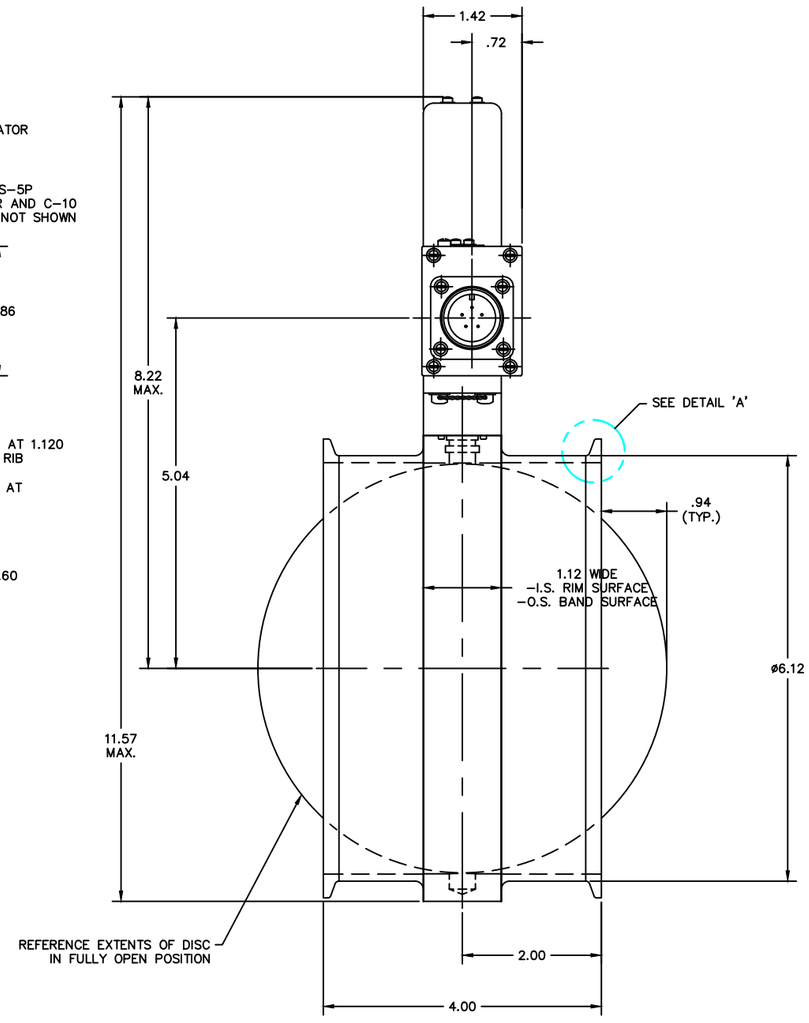
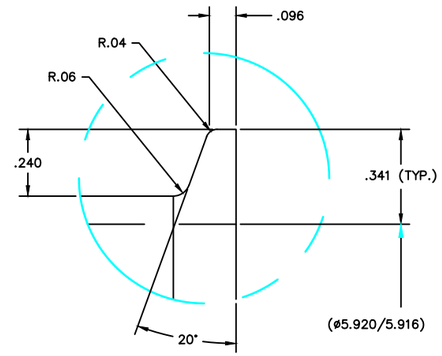
REVISIONS				
C.O. NO.	REV.	REVISION DESCRIPTION	DATE	APPD.
ASC6212	A	REVISE NOTES. SEE ECO	06–11–20	D.S.





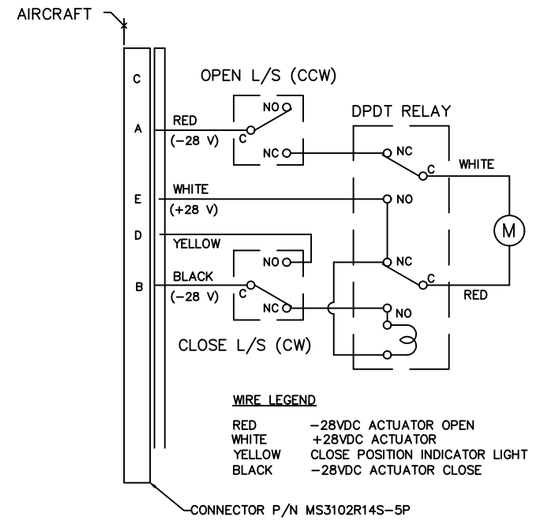
–1 VALVE 6"

SCALE: 1:1



DETAIL 'A'

SCALE: 4X



WIRE LEGEND

RED	–28VDC ACTUATOR OPEN
WHITE	+28VDC ACTUATOR
YELLOW	CLOSE POSITION INDICATOR LIGHT
BLACK	–28VDC ACTUATOR CLOSE

ELECTRICAL SCHEMATIC

–SCHEMATIC SHOWN IN FULL OPEN POSITION–
–FOR DRAFTING PURPOSES THIS SCHEMATIC HAS BEEN GROUPED–

NOTES CONTINUED:

7. VALVE DATA:
   –OPERATING TEMPERATURE: –67°F TO 185°F (–55°C TO +85°C)
   –OPERATING PRESSURE: 4.0 PSI
   –PROOF PRESSURE: 8.0 PSI
   –MAXIMUM LEAKAGE: INTERNAL 9.0 SCFM @ 4.0 PSI INLET
   EXTERNAL 0.9 SCFM @ 4.0 PSI INLET

8. ACTUATOR DATA:
   –OPEN/CLOSE (17V): 35 SECONDS MAXIMUM
   –OPEN/CLOSE (28V): 10 SECONDS MAXIMUM
   –MAXIMUM CURRENT: 0.4 AMPS AT 28V

DIMENSIONAL SYMBOLS PER ASME Y14.5
FLATNESS
STRAIGHTNESS
ANGULARITY
PERPENDICULARITY
PARALLELISM
CONCENTRICITY
TRUE POSITION
CIRCULARITY (ROUNDNESS)
SYMMETRY
(M) (MMC) MAXIMUM MATERIAL CONDITION
(S) (RFS) REGARDLESS OF FEATURE SIZE

UNLESS OTHERWISE SPECIFIED
1. DIMENSIONS ARE IN INCHES – TOLERANCES ON –
FRACTIONS ± 1/16 ANGLES ±0° 30'
XX DEC ±.030 DRILL HOLES AND 10387
XXX DEC ±.010
2. SURFACE ROUGHNESS PER ASME–B46.1
3. REMOVE BURRS & BREAK SHARP EDGES .010 MAX.
4. INTERNAL RADII .005 TO .015
5. STRAIGHT SCREW MIL–S–7742 THREADS TAPERED PIPE MIL–P–7105
6. ALL DIMENSIONS BEFORE PLATING
DO NOT SCALE DRAWING

SIGNATURES		DATE
DR.	D. ORTH	4–22–16
CHK.		
ENGR.		
APPD.	DON SIMON	4–22–16
NEXT ASSY:		

AERO SPACE CONTROLS CORPORATION
WICHITA, KANSAS

TITLE: 6" VALVE BODY w/ACTUATOR –OUTLINE–

CODE IDENT No.	SIZE	DWG. No.
	D	6011A100

SCALE: NOTED | UNIT WT. | LBS. | SHT. 1 OF 1