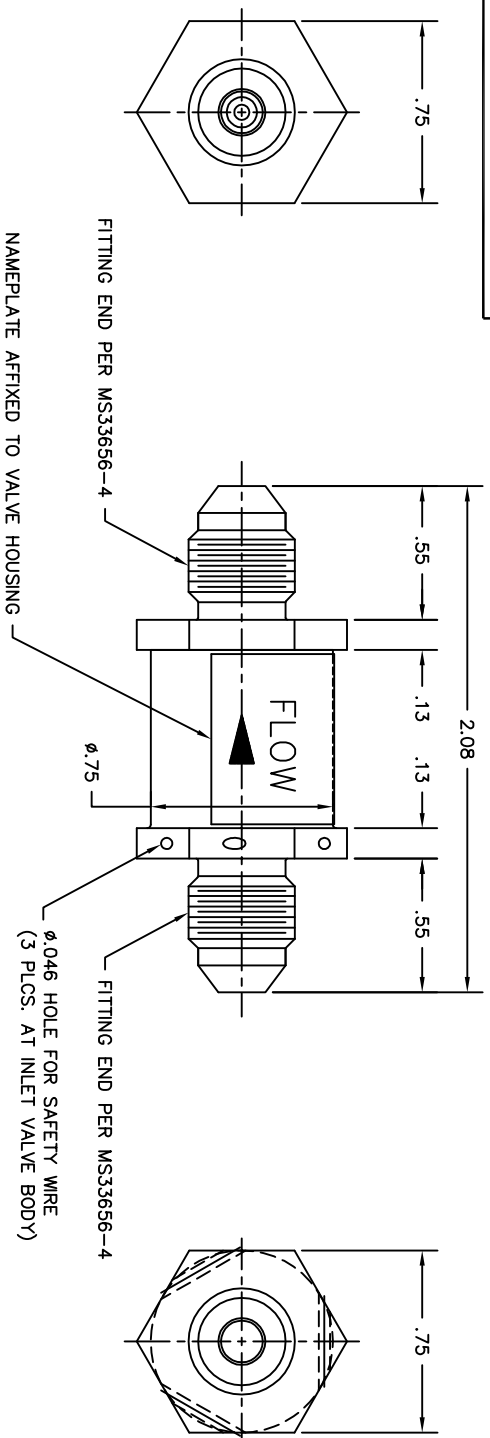


— NOTICE —
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—1 POPPET CHECK VALVE ASSEMBLY

NOTES CONTINUED:

7. VALVE PERFORMANCE SPECIFICATIONS:

- 7.1. MAXIMUM APPLIED PRESSURE: 30 PSIG
- 7.2. VALVE PROOF PRESSURE: 50 PSIG
- 7.3. VALVE BURST PRESSURE: 100 PSIG
- 7.4. VALVE PRESSURE DROP: TBD PSID WITH 37 ±3.0 PSIA APPLIED AND A THROUGH FLOW OF TBD CFM AIR
- 7.5. VALVE FLOW SHALL BE TBM/MIN. WITH INLET PRESSURE OF 18 PSIG
- 7.6. OPERATING TEMPERATURE : -40°C TO +70°C.
- 7.7. STORAGE TEMPERATURE : -55°C TO 95°C.
- 7.8. EXTERNAL LEAKAGE : TBD CFM WITH 22 PSIG APPLIED
- 7.9. CHECK DIRECTION INTERNAL LEAKAGE: TBD CFM 20 ± 2 PSI APPLIED BACK PRESSURE
- 7.10. WEIGHT: TBD LBS. MAXIMUM

| REVISIONS | | | |
|-----------|------|----------------------|------|
| C.O. NO. | REV. | REVISION DESCRIPTION | DATE |
| | | | |

| QTY. | ITEM SIZE | PART NUMBER | DESCRIPTION | MATERIAL | MAT'L. SPEC. | FINISH | FINISH SPEC. |
|------|-----------|-------------|---------------------|----------|--------------|--------|--------------|
| | | -1 | POPPET VALVE ASS'Y. | | | | |

| DIMENSIONAL SYMBOLS PER UNLESS OTHERWISE SPECIFIED | |
|---|---|
| □ FLANGES STRAIGHTNESS | TOLERANCES ARE IN INCHES |
| ∠ ANGULARITY | FRACTIONS ± 1/16 |
| ∥ PARALLELISM | XX DEC ±.030 |
| ⊙ CONCENTRICITY | XXX DEC ±.010 |
| ⊖ TRUE POSITION (ROUNDNESS) | Z. SURFACE ROUGHNESS |
| ⊕ STAMENRY | T. REAR BEZEL & BREAK SHARP EDGES .010 MAX. |
| ⊕ (MAX) MAXIMUM MATERIAL CONDITION (RFS) REGARDLESS OF FEATURE SIZE | 4. INTERNAL RADI. .005 TO .015 |
| | 5. STRAIGHT PIPES MIL-S-7742 TAPERED PIPES MIL-9-7105 |

| LIST OF MATERIALS | | |
|-------------------|---------|---------------------------------|
| SIGNATURES | DATE | TITLE |
| DR. D. ORTH | 5-11-06 | AERO SPACE CONTROLS CORPORATION |
| CHK. | | WICHITA, KANSAS |
| ENGR. | | |
| APPD. S. AXTELL | 5-17-06 | |

| | | | |
|----------------------------------|----------------------|----------------------|--------------|
| 6. ALL DIMENSIONS BEFORE PLATING | DO NOT SCALE DRAWING | CODE IDENT. NO. SIZE | DWG. NO. |
| | | B | 6006A100 |
| | | SCALE 2:1 | UNIT WT. LBS |
| | | | SHT 1 OF 1 |