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AS5072™/2

FEDERAL SUPPLY CLASS

RATIONALE

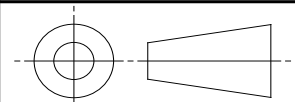
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THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3A

PROCUREMENT SPECIFICATION: AS5072C



AEROSPACE STANDARD

COUPLING ASSEMBLY, .375 DIAMETER, NON-LOCKING PROBE STYLE, MINIATURE SELF-SEALING-ALIGNING, SELF-SEALING DISCONNECT FOR POLYALPHAOLEFIN FLUID

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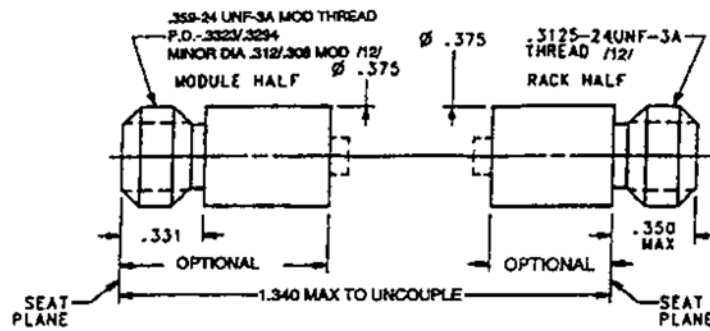


FIGURE 1 - COUPLING

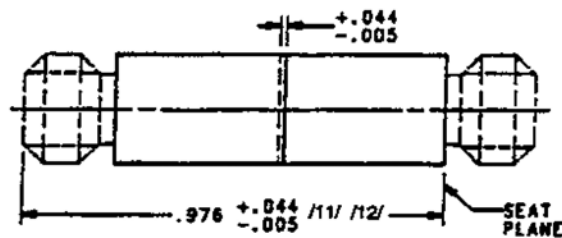


FIGURE 2 - INSTALLATION ENVELOPE DIMENSIONS

NOTES:

1. THIS COUPLING ASSEMBLY SHALL BE QUALIFIED IN ACCORDANCE WITH PROCUREMENT SPECIFICATION AS5072. USERS OF THIS STANDARD ARE ADVISED TO CONTROL SOURCE APPROVAL(S) BY STANDARD SHEET SUPPLEMENT SHEET OR OTHER MEANS.
2. OPERATING FLUID: POLYALPHAOLEFIN (PAO) PER MIL-C-87252
3. PRESSURES:
 - a. OPERATING: 150 psig MAXIMUM (100 psig MAXIMUM FOR HALF WITH RELIEF VALVE)
 - b. PROOF: 225 psig (CONNECTED)
 - c. BURST: 440 psig (CONNECTED)
 - d. RELIEF VALVE: CRACK = 200 psig $\pm$ 20 psig
 - e. RELIEF VALVE: RESEAT = 50 psig MINIMUM
4. TEMPERATURES:
 - a. STORAGE: 75 °F $\pm$ 20 °F
 - b. AMBIENT: 75 °F $\pm$ 20 °F
 - c. FLUID: -40 TO 160 °F
5. FLOW RATE:
 - a. RATED: .16 gpm
 - b. SURGE: .45 gpm
6. PRESSURE DROP: 1.25 psig MAXIMUM AT .16 gpm

	AEROSPACE STANDARD	AS5072™/2 SHEET 1 OF 2	REV. B
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