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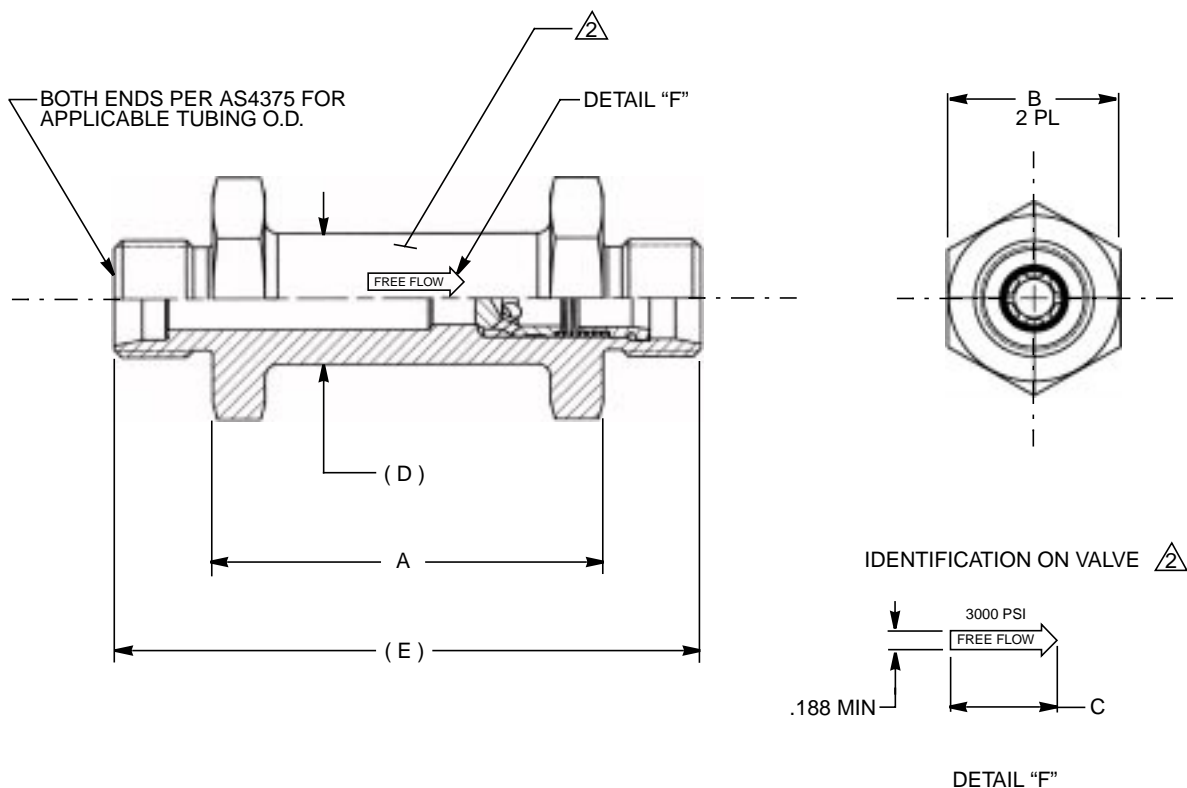
de HAVILLAND

CAGE CODE 71867

SOURCE CONTROL DRAWING

ONLY THE ITEM(S) LISTED ON THIS DRAWING AND IDENTIFIED BY VENDOR'S NAME(S), ADDRESS(ES) AND PART NUMBER(S) HAVE BEEN APPROVED FOR USE IN DE HAVILLAND AIRCRAFT. A SUBSTITUTE ITEM SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY DE HAVILLAND ENGINEERING STANDARDS

SOURCE CONTROL DRAWING



DSC592 - CHECK VALVE, ALUMINUM ALLOY

PART NUMBER	TUBING OD	CV FACTOR	A ±.031	B ±.007	C MIN	D MAX REF	E REF	WEIGHT LBS APPROX
		COEFFICIENT OF FLOW						
DSC592-6	0.375	1.5	1.859	0.809	1.000	1.000	2.796	0.12

LIST OF CURRENT SHEETS

SHEET	1	2	3
REVISION	NC	NC	NC

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	E. DANESH	VALVE - CHECK FLARELESS, 3000 PSI	DSC 592
CHECKED	B. EDWARDS		
STRESS	A. ROSSI		
APPROVED	B. EDWARDS		PAGE 1 OF 3

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APPROVED: 01 SEP 2011

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NOTES:

- THE VALVE SHALL CONFORM TO MIL-V-19069B AND IS SIMILAR TO MS28892 WITH THE FOLLOWING EXCEPTION:
(a) SEAL MATERIAL SHALL BE COMPATIBLE WITH OILS - TYPE II PER MIL-PRF-23699, CLASS STD / HTS.

 LASER MARK IDENTIFICATION ON INDICATED SURFACE (2 FLOW ARROWS AT 180° APART APPROX).

- DSC592 - CHECK VALVE REQUIREMENTS:

FLUIDS:	OILS - TYPE II PER MIL-PRF-23699, CLASS STD / HTS
PRESSURES:	OPERATING: 3000 PSIG
	PROOF: 4500 PSIG
	BURST: 7500 PSIG
	CRACKING: 2 PSIG ±1
LEAKAGE:	EXTERNAL: NONE
	INTERNAL: 1 DPM MAX AT 5 PSIG
	NONE AT 1000 TO 3000 PSID
TEMPERATURE:	-65° F TO +275° F

- EXAMPLE OF PART NUMBER BREAKDOWN:

DSC592 - 6

_____ SIZE

_____ BASIC PART NUMBER

- ALL DIMENSIONS ARE IN INCHES.

APPROVED VENDORS' PART NUMBERS		
DSC PART NO.	CRISSAIR INC	PARKER HANNIFIN CORP. HYDRAULIC VALVE DIV.
DSC592-6	1C5706	498-6D2-2

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PROCUREMENT INFORMATION:

PROCUREMENT DEPARTMENT SHALL SPECIFY THE DSC NUMBER AND THE MANUFACTURERS PART NUMBER ON THE PURCHASE ORDER.

APPROVED VENDORS ADDRESSES AND CAGE CODES:

**PARKER HANNIFIN CORP.
HYDRAULIC VALVE DIV.**

520 TERNES AVE.
ELYRIA OH 44036
USA CAGE CODE: 09990

CRISSAIR INC.

38905 10TH ST. EAST
PALMDALE CA 93550
USA CAGE CODE: 99240

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