DSC189-8

DSC189-10

DSC189-12

.500

.625

.750

6.0

10.5

16.0

2.219

2.405

2.750

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SOURCE CONTROL DRAWING

REV: F - 07 APR 2011

REV: E - 03 MAR 2011

REV: D - 29 NOV 2010

B - 25 MAY 1982 | REV: C - 24 JUN 2008

REV: F

REV: A - 22 FEB 1977

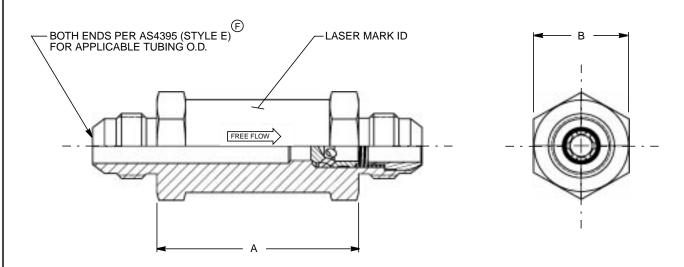
APPROVED: 13 FEB 1976

7SC0108-008

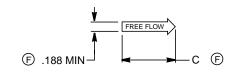
7SC0108-010

7SC0108-012

SOURCE CONTROL DRAWING



IDENTIFICATION ON VALVE (3000 PSI)



458-8D52-6

- - -

458-12D52-6

3-1582-2-4

3-1582-2-5

3-1582-2-6

		RATED FLOW				APPROVED VENDORS			
PART NUMBER	TUBING OD	CAPACITY (GPM)	A ± .031	В	C MIN	PARKER- HYDRAULIC VALVE- DIVISION (HVD)	TELEDYNE INDUSTRIES INC.	DH PART NO. (REF)	
DSC189-4	.250	1.2	1.531	.688	.875	458-4D52-6	3-1582-2-1	7SC0108-004	
DSC189-5	.312	2.3	1.750	.813	1.000		3-1582-2-2		
DSC189-6	.375	3.5	1.750	.813	1.000	458-6D52-6	3-1582-2-3	7SC0108-006	

1.000

1.000

1.000

TABLE 1: DSC189 - CHECK VALVE, ALUMINUM ALLOY

LIST OF CURRENT SHEETS					
SHEET	1	2	3		
REVISION	F	A	А		

1.063

1.125

1.438

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	KROMKAMP		DSC 189
CHECKED	LINTS	VALVE - CHECK	DSC 109
STRESS	LINDEN	HYDRAULIC, FLARED, 3000 PSI	DA OF 4 OF 0
APPROVED	SCHRATTNER		PAGE 1 OF 3

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REV:

REV:

REV:

RE

REV: A - 03 MAR 2011

APPROVED: 29 NOV 2010

SOURCE CONTROL DRAWING

⚠ TABLE 2: DSC189 - CHECK VALVE, CRES							
		RATED FLOW				APPROVED VENDORS (A)	
PART NUMBER	TUBING OD	CAPACITY (GPM)	A .031	В	C MIN	PARKER HYDRAULIC VALVE DIVISION (HVD)	CRISSAIR INC
DSC189-4C	.250	1.2	1.531	.688	.875	458-4SS52-6	1C5658
DSC189-6C	.375	3.5	1.750	.813	1.000	458-6SS52-6	1C5660

A NOTES:

1. THE VALVE SHALL CONFORM TO MIL-V-19069 AND IS SIMILAR TO MS28771 WITH THE FOLLOWING **EXCEPTION:**

(a) SEAL MATERIAL SHALL BE COMPATIBLE WITH PHOSPHATE ESTER BASED FLUIDS.

2. GENERAL REQUIREMENTS ARE IN ACCORDANCE WITH DH SPECIFICATION "EPS 7/4-9".

3. CRACKING PRESSURE: 6 PSI ±2.

*/*4.\ DSC189 - CRES CHECK VALVE REQUIREMENTS:

> FLUIDS: PHOSPHATE ESTER BASED FLUIDS

PRESSURES: OPERATING: 3000 PSIG

PROOF: 4500 PSIG BURST: 7500 PSIG CRACKING: 4 TO 8 PSIG

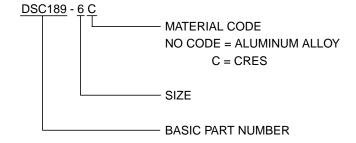
NONE LEAKAGE: EXTERNAL:

> INTERNAL: 1 DPM MAX AT 5 PSIG

> > NONE AT 1000 TO 3000 PSID

-65° F TO +275° F TEMPERATURE: **HEAT TREAT:** Rc 50-60 PER MIL-H-6875

EXAMPLE OF PART NUMBER BREAKDOWN: 5.



SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

	E. DANESH B. EDWARDS	VALVE - CHECK	DSC 189
STRESS	E. GIOVANNETTI	HYDRAULIC, FLARED, 3000 PSI	DA OF 0 OF 0
APPROVED	B. EDWARDS		PAGE 2 OF 3

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SOURCE CONTROL DRAWING -

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 CORPORATION HYDRAULIC VALVE DIVISION

USA CAGE CODE: 26433

TELEDYNE INDUSTRIES INC. TELEDYNE FLUID SYSTEM REPUBLIC

10367 BRECKSVILLE RD. BRECKSVILLE OH 44141 USA CAGE CODE: 86768

CRISSAIR INC.

38905 10TH ST. EAST PALMDALE, CA 93550

USA CAGE CODE: 99240

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN E. DANESH **DSC 189** APPROVED: VALVE - CHECK **CHECKED** B. EDWARDS HYDRAULIC, FLARED, 3000 PSI **STRESS** E. GIOVANNETTI PAGE 3 OF 3 APPROVED B. EDWARDS

REV:

REV:

REV: