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de HAVILLAND

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REV:

REV: E - 08 APR 2011

REV: D - 07 MAR 2011

REV: C - 07 DEC 2010

REV: B- 25 MAY 1982

REV: A - 22 FEB 1977

APPROVED: 18 FEB 1967

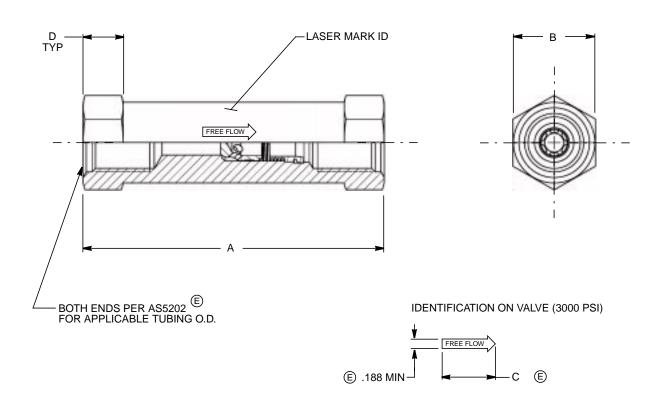


TABLE 1: DSC190 - CHECK VALVE, ALUMINUM ALLOY									
PART 1 NUMBER		RATED FLOW CAPACITY (GPM)	A ± .031	В	C MIN	D MIN	APPROVED VENDORS		
	TUBING OD						PARKER- HYDRAULIC VALVE- DIVISION (HVD)	TELEDYNE INDUSTRIES INC.	DH PART NO. (REF)
DSC190-4	.250	1.2	2.750	.688	.875	.312	443-4D52-6	3-1582-1-1	7SC0106-004
DSC190-6	.375	3.5	3.000	.813	1.000	.375	443-6D52-6	3-1582-1-3	7SC0106-006
DSC190-8	.500	6.0	3.625	1.063	1.000	.500	443-8D52-6	3-1582-1-4	7SC0106-008
DSC190-12	.750	16.0	4.500	1.438	1.000	.625	443-12D52-6	3-1582-1-6	7SC0106-012

LIST OF CURRENT SHEETS					
SHEET	1	2	3		
REVISION	E	А	А		

SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY

DRAWN	KROMKAMP		DSC 190	
CHECKED	LINTS	VALVE - CHECK	DSC 190	
STRESS	LINDEN	INTERNAL PORTS, 3000 PSI	DAOE 4 OF 2	
APPROVED	SCHRATTNER		PAGE 1 OF 3	

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REV: A - 07 MAR 2011 REV

⚠ TABLE 2: DSC190 - CHECK VALVE, CRES									
	RATED FLOW			APPROVED VE	OVED VENDORS (A)				
PART NUMBER	TUBING OD	CAPACITY (GPM)	A .031	В	C MIN	D MIN	PARKER- HYDRAULIC VALVE- DIVISION (HVD)	CRISSAIR INC	
DSC190-6C	.375	3.5	3.000	.813	1.000	.375	443-6SS52-6	1C5662	

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.\ DSC190 - CRES CHECK VALVE REQUIREMENTS:

> FLUIDS: PHOSPHATE ESTER BASED FLUIDS

PRESSURES: OPERATING: 3000 PSIG

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

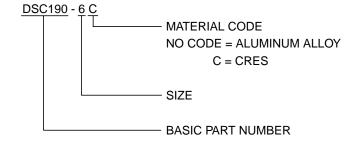
NONE LEAKAGE: EXTERNAL:

> 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.



BASIC PART NUMBER SEE ENGINEERING STANDARDS APPROVAL RECORD FOR ORIGINAL SIGNATURES AND CHANGE SUMMARY					
DRAWN	E. DANESH		DSC 190	07 DE	
CHECKED	B. EDWARDS	VALVE - CHECK	D 5C 170		
STRESS	E. GIOVANNETTI	INTERNAL PORTS, 3000 PSI	DA OF 0 OF 0		
APPROVED	B. EDWARDS		PAGE 2 OF 3		

EDYN" INFO UPDATED INC" ADDED - "TEL "PARKER HVD" REMOVED - "CRISSAIR PROCUREMENT INFORMATION ADDED APPROVED VENDORS INFO REVISED: "

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PROCUREMENT INFORMATION:

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

(A) APPROVED VENDORS ADDRESSES AND CAGE CODES:

PARKER HANNIFIN CORPORATION HYDRAULIC VALVE DIVISION

711 TAYLOR ST. ELYRIA OH 44035 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

	E. DANESH B. EDWARDS	VALVE - CHECK	DSC 190	VED: 07
STRESS	E. GIOVANNETTI	INTERNAL PORTS, 3000 PSI	DA OF 0 OF 0	Š
APPROVED	B. EDWARDS		PAGE 3 OF 3	APP

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REV: A - 07 MAR 2011 | REV:

DEC 2010