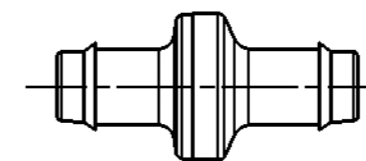


(B) TEXT -
DIRECTION ↑ OF FLOW ↑



ACTUAL SIZE

NOTE:

ALL 'TEXT' 'ARROW & LOGO TO BE (D2)
2 HIGH MIN. X 0.25/0.12 RECESSED

CHECK VALVE TEST PARAMETERS:

CHECK FUNCTION: WITH 3 PSI GAUGE APPLIED TO ENGINE PORT, VALVE MUST CHECK AND NOT LEAK MORE THAN 10 CCM THROUGH THE INLET PORT.

EXTERNAL LEAKAGE: WITH 3 PSI GAUGE APPLIED TO THE ENGINE PORT, THE WELD JOINT MUST NOT LEAK MORE THAN 10 CCM.

FORWARD FLOW: WITH A DIFFERENTIAL VACUUM OF 13 INCHES OF MERCURY ACROSS THE VALVE. THE FLOW MUST BE A MINIMUM OF 160 CFH.

PERFORMANCE REQUIREMENTS:

OPENING CHARACTERISTICS: SOURCE VACUUM REQUIRED TO OPEN THE VALVE MUST NOT EXCEED 1 INCH OF WATER.

CLOSING CHARACTERISTICS: SOURCE VACUUM REQUIRED TO CLOSE VALVE MUST NOT EXCEED 2 INCHES OF WATER.

OIL FLOW: VALVE MUST FLOW 6 grams OF 10W-30 OIL PER HOUR MINIMUM WITH A DIFFERENTIAL PRESSURE OF 4 INCHES OF WATER.

TEMPERATURE REQUIREMENTS: MUST WITHSTAND 250°F CONTINUOUS.

(D3)	REMOVED 2X	030225	DAB	JSP
(D2)	RECESSED WAS RAISED			
(D1)	REDRAWN IN CATIA			
(C)	WAS VAC	8/30/88	DEB	MTV
(B)	ADDED TEXT	8/30/88	DEB	MTV
(A)	ADDED 5° TAPER	8/30/88	DEB	MTV
SYN.	REVISION	DATE	DESIGN CHECKED	APPROVED

DO NOT SCALE NUMBER OF DECIMAL PLACES DOES NOT IMPLY A TOLERANCE



ORIGINAL WHEN RED
THIS DRAWING CONFORMS TO ASME Y14.5M-1994
THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED
ALL LINEAR DIM. ± 0.5
ALL ANGULAR DIM. ±
ALL FILLET RADI
ALL CORNER RADI
MAX. DRAFT
MAX. COMBINED PARTING LINE FLASH AND MISMATCH TO BE
SURFACE FINISH
EXTERIOR
INTERIOR
COMPUTER GRAPHICS CHANGE RESTRICTED NO MANUAL CHANGES

SCALE	4:1	DRAWN BY	DAB	CHECKED BY	MBL	DSN ENGINEER	MTV
DATE	7/19/88	PRD ENGINEER		MFG ENGINEER		OC	
FIRST USED							
MATERIAL	MS DB 41 COLOR: BLACK						
CUSTOMER NUMBER	4536027			DATE		REV	
TITLE	VALVE - 3/8" VACUUM CHECK			MODEL REV.	D3	SHEET	1/1
				PART NUMBER	A430		

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VOLUME MM³
CALCULATED BY CATIA FROM MATH DATA MODEL

METRIC LINEAR DIMENSIONS ARE MM UNLESS NOTED