

THE VALVE SHALL OPEN AND ALLOW AIR FLOW FROM PORT "B" TO PORT "A" WHEN THE DIFFERENTIAL VACUUM IS 3 INCHES MERCURY OR LESS AT -20°F., AT 75°F, AND 220°F.

100% WATER LEAK TEST AT 3 PSI, NO VISIBLE BUBBLES ALLOWED.

FLUOROSILICONE DIAPHRAGM DIA. TO BE  $\phi$ 9.12  $\pm$ 0.13

HOUSING BASE AND TOP NYLON 66.

IN GENERAL, VALVE SHALL OPERATE SATISFACTORILY AND WITHOUT MALFUNCTION AT 250°F AND AT -20°F.

ALL EJECTOR PIN LOCATIONS MUST BE APPROVED BY MPC PRODUCT ENGINEERING

GATE LOCATION MUST BE APPROVED BY MPC PRODUCT ENGINEERING

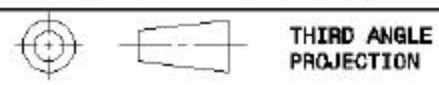
ALL PARTING LINES MUST BE APPROVED BY MPC PRODUCT ENGINEERING

REF. MPC U.S. PAT. NO. 3659710

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WEIGHT (kg)	METRIC LINEAR DIMENSIONS ARE MM UNLESS NOTED
VOLUME (MM <sup>3</sup> )	

THIS DRAWING CONFORMS TO ASME Y14.5-1994



UNLESS OTHERWISE SPECIFIED

- ALL LINEAR DIM.  $\pm$
- ALL ANGULAR DIM.  $\pm$
- ALL FILLET RADII
- ALL CORNER RADII 0.76

MAX DRAFT  
MAX COMBINED PARTING LINE FLASH AND MISMATCH TO BE

SURFACE FINISH  
EXTERIOR  
INTERIOR

(A)	RELEASE	05/22/2006	MBL OSGDA	ERIMU	
REV	DESCRIPTION	DATE	DRAWN CHECKED	ENG. APPROVAL	AQP

WAS: LAYOUT NUMBER:



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

DRAWN BY MBL	CHECKED BY CHABA	DESIGNED BY OSGDA	SCALE 1:1
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DATE 05/19/2006	DATE 05/17/2006	DATE 05/17/2006	DRAWING SIZE B
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PRD ENGINEER ERIMU	MFG ENGINEER	QC	TOOL ENGINEER
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DATE 05/22/2006	DATE	DATE	DATE
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CUSTOMER NUMBER 7051011	DATE	REV
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MATERIAL NOTED

DRAWING TITLE <b>CHECK VALVE ASSEMBLY - VENT</b>			MODEL REV. A	DRAWING REV. A	SHEET 1/1
			DRAWING NUMBER <b>A940</b>		