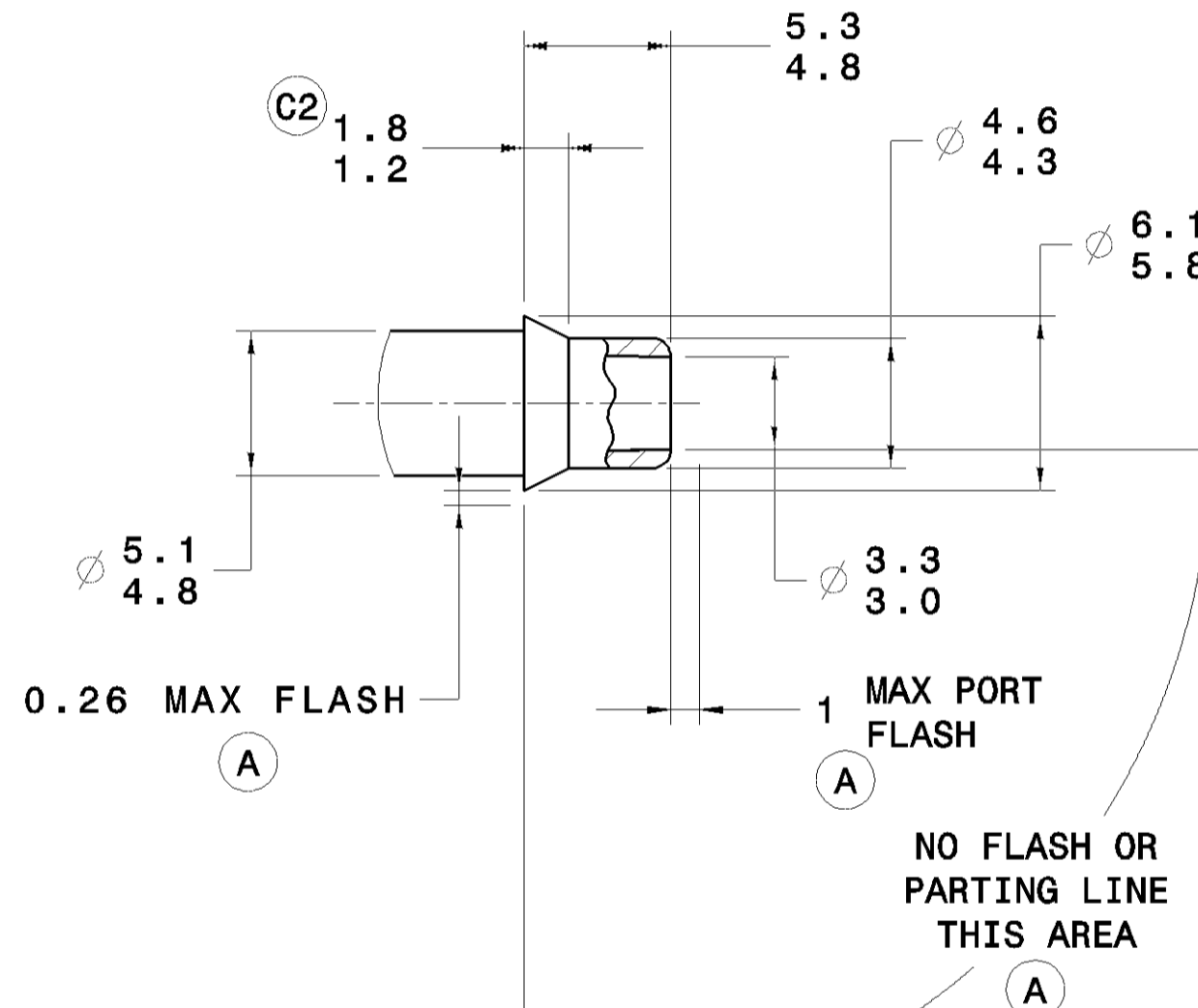
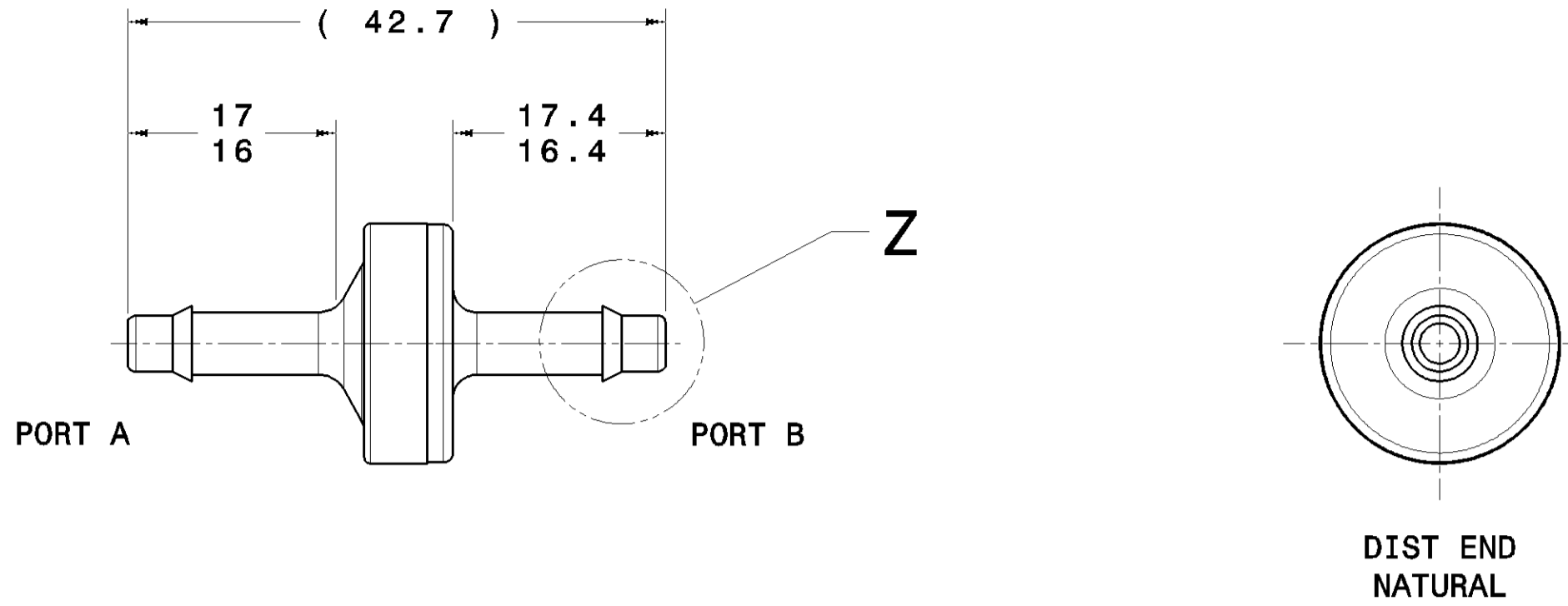


"VAC" AND MPC LOGO -
2.5 - 2.0 HIGH X
0.76 - 0.25 RAISED



VIEW IN CIRCLE Z
SCALE 4:1
2X ALL DIMENSIONS

100% PRODUCTION LEAK TEST TO BE CONDUCTED AS FOLLOWS:
THE VALVE SHALL PERMIT ZERO LEAKAGE (NO BUBBLES AT PORT B AND
ULTRASONIC JOINT) WHEN PORT A IS PRESSURIZED TO 3 PSI AND THE PART IS
IMMERSED IN WATER FOR 3 SECONDS

(B1) OPTIONAL TEST: MAX LEAK RATE 2cc @ 3 PSI

VALVE SPECIFICATIONS

- 1) THE VALVE SHALL OPEN AND FLOW WHEN THE DIFFERENTIAL ACROSS THE VALVE IS 3.5 Kpa OR LESS
- 2) WHEN AIR FLOW THROUGH VALVE IS 3000 CC/MIN THE DIFFERENTIAL ACROSS THE VALVE IS NOT TO EXCEED 1.0 Kpa
- (C1) 3) IN GENERAL VALVE SHALL OPERATE SATISFACTORILY AND WITHOUT MALFUNCTION BETWEEN 121°C AND -40°C
- 4) WELD JOINT MUST WITHSTAND 20 LB PERPENDICULAR LOAD WITHOUT SEPARATION OR LEAKAGE BEYOND THAT SPECIFIED IN TEST #2 TEST CONDUCTED PER MPC PROCEDURE QP-11

(C1)

ALL EJECTOR PIN LOCATIONS MUST BE APPROVED BY MPC PRODUCT ENGINEERING

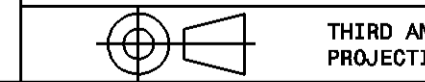
GATE LOCATION MUST BE APPROVED BY MPC PRODUCT ENGINEERING

ALL PARTING LINES MUST BE APPROVED BY MPC PRODUCT ENGINEERING

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WEIGHT (kg) - CAD
VOLUME (MM³) - CAD
METRIC
LINEAR DIMENSIONS ARE
MM
UNLESS NOTED

THIS DRAWING CONFORMS TO ASME Y14.5 - 1994



UNLESS OTHERWISE SPECIFIED

MAX COMBINED PARTING LINE FLASH AND MISMATCH TO BE

SURFACE FINISH
EXTERIOR
INTERIOR

(C2)	REVISED TOLERANCE	111222	MBL/CHABA	EMM	
(C1)	2X REMOVED SPEC.				
(B1)	ADDED OPTIONAL NOTE	060426	GHK/MBL		
(A)	3X ADDED FLASH NOTES	960814			
	REDRAWN IN V5				
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	SCALE 2:1
DATE 111222	DATE 111222	DATE	DRAWING SIZE C
PRD ENGINEER EMM	MFG ENGINEER	QC	TOOL ENGINEER
DATE 111222	DATE	DATE	DATE

CUSTOMER NUMBER		DATE	REV
MATERIAL HOUSING: TYPE 6/6 NYLON DIAPHRAGM: FLUOROSILICONE		MAX % REGRIND BY WEIGHT	
DRAWING TITLE VACUUM CHECK VALVE - 3/16" BARBED		MODEL REV A	DRAWING REV C
		SHEET 1/1	
DRAWING NUMBER A961			