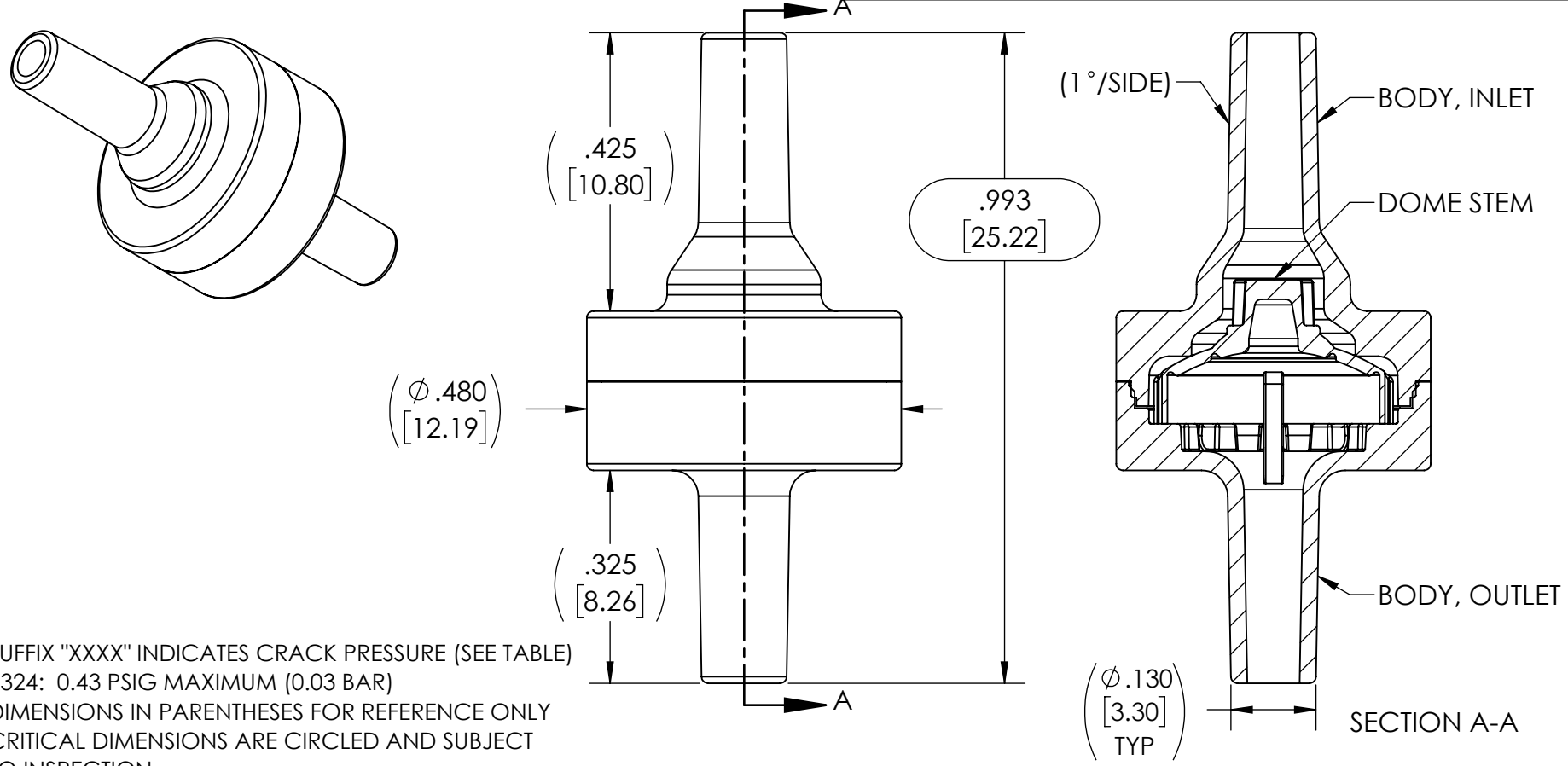


REV	DESCRIPTION (ECO)	DATE	APPROVED
B	FORMAT CHANGE (ECO 11596)	4/1/22	SR
C	ADD O.D. (Ø.480) TO DRAWING VIEW. ECO 11883	10/03/22	SR



- NOTES:
- 1. SUFFIX "XXXX" INDICATES CRACK PRESSURE (SEE TABLE)
0324: 0.43 PSIG MAXIMUM (0.03 BAR)
 - 2. DIMENSIONS IN PARENTHESES FOR REFERENCE ONLY
 - 3. CRITICAL DIMENSIONS ARE CIRCLED AND SUBJECT TO INSPECTION
 - 4. UNITS: INCH[MM]

VALVE SPECIFICATION:

BACK PRESSURE > 45 PSI (3.1 BAR, 0.31 MPa), 40 PSI NOMINAL

FLOW RATE > 160 ML/MIN (9600 ML/HR) @ 1 PSI (0.07 BAR)

MATERIAL: ALL MATERIALS GAMMA RESISTANT, USP CLASS VI, DEHP AND LATEX FREE

POTENTIAL STERILIZATION: ETO AND GAMMA, BASED ON RAW MATERIAL SPECIFICATIONS

BIOCOMPATIBILITY: PASSES ISO 10993-1

QUALITY CRITERIA
O.D. FLASH: 0.015 MAX (0.4mm)
GATE VESTIGE: 0.01 MAX (0.3mm)
EMBEDDED PARTICLES, BUBBLES, SPOTS, STAINS: 0.3mm² MAX, NO MORE THAN 3 PER PART

MOLDED PARTS:
GATES, PARTING LINES, AND FLASH PER QUALITY CRITERIA

PROPRIETARY AND CONFIDENTIAL
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DRAWN BY KJS
APPROVED BY AK
MATERIAL SEE SHEET 2.
FINISH

DATE 9/22/20
DATE
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
ANGULAR: ± 1°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005

HR® Halkey-Roberts®
TITLE DOME VALVE ASSEMBLY
SIZE A
SCALE 2:1
DRAWING NO. C24141XXXX
REV C
DO NOT SCALE DRAWING
SHEET 1 OF 2

SUFFIX	CRACK PRESSURE	INLET	OUTLET	STEM
0324	0.43 PSIG MAX	CLEAR POLYCARBONATE MAKROLON RX 1805-451118	CLEAR POLYCARBONATE MAKROLON RX 1805-451118 FDA TRANSPARENT BLUE FCC-80265-PC-1	WACKER ELASTOSIL LR 3003/50 A/B

MOLDED PARTS:
GATES, PARTING LINES, AND FLASH PER QUALITY CRITERIA

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DRAWN BY KJS	DATE 9/22/20	HR® Halkey-Roberts®
APPROVED BY AK	DATE	
MATERIAL		
FINISH		TITLE DOME VALVE ASSEMBLY
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: ± 1° TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005	THIRD ANGLE PROJECTION 	SIZE A
		DRAWING NO. C24141XXXX
		SCALE 2:1
		DO NOT SCALE DRAWING
		SHEET 2 OF 2
		REV C