


NOTES:

1. RAISED FACE FLANGES TO BE MANUFACTURED AS SHOWN.
2. FLAT FACE FLANGES TO BE MANUFACTURED WITH THE RAISED FACE REMOVED FROM THIS FORM.
3. GASKET FACES TO HAVE A SERRATED OR PHONOGRAPHIC SURFACE FINISH OF Ra 125µin. TO 250µin. USING TOOLING WITH A MINIMUM 0.06in. RADIUS.
4. ALL DIAMETERS TO BE 1/32" MAXIMUM ECCENTRICITY.
5. FLANGE RIM TO BE STAMPED WITH THE FOLLOWING (MINIMUM):
 - NOMINAL FLANGE SIZE
 - FLANGE RATING CLASS
 - MATERIAL SPECIFICATION
 - HEAT NUMBER
 - CRN NUMBER
 - MANUFACTURER'S NAME AND/OR LOGO
6. DESIGN PRESSURE: 750psig @ 150°F (5 171kPa @ 66°C)

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	UNLESS OTHERWISE SPECIFIED		DRAWN BY: GVD	DATE: 6/25/19	12" CLASS 300 FLANGE ALCO STANDARDIZED FLANGES		
	ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01-0R OR 04-; RADI 01 1/16". INTERPRET DWT PER ANSI Y14.5 STANDARD.		CHECKED BY: JDS	DATE: 3/9/20			
	TOLERANCES		APPROVED: BEM	DATE: 3/9/20			
	X +/- .118 XX +/- .030 XXX +/- .015 XXXX +/- .005 ANGLE +/- .1/32		MATERIAL & HEAT TREAT				
	125" FINISHED ON ALL SURFACES		A105N		PROJECT NO. A1-19027	REFERENCE A1-19027-400-00	REV. 0
					FILE NAME A1-19027-400-06 Alco flange - 12in CLASS 300.idw	SHEET 1 OF 1	