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NOTES UNLESS OTHERWISE SPECIFIED

- PARENT MATERIAL: 316 STAINLESS STEEL, 14 GAUGE (0.075" THICK)
- FINISH: NO METAL FINISHING REQUIRED. THE FINAL FINISH SHALL BE THE RESULT OF THE PROCESSES USED TO FABRICATE THE SHAPE, RESULTING IN AN ESTIMATED SURFACE ROUGHNESS OF 80 Ra.
- ESTIMATED INTERNAL VOLUME: 2.87 GALLONS. (664.1 INCH³)

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE FOR MANUFACTURING	14DEC2000	J.KNAPP
A	Updated sheet format, corrected title block and revision block author information, changed Radius from 0.75" to 3.00", etc.	15JUN2016	R.DAVIS
B	STANDARDIZED HEIGHT, INCREASED FROM 14.5" TO MATCH OTHER 9914 HOPPER	02JAN2020	K.SCRIVENER

Top view of the hopper showing concentric circles representing the flange and the hopper body. A central circle indicates the internal opening. Dimension lines show a diameter of 10.02 inches for the flange outer diameter (OD) and 8.85 inches for the inner diameter (ID). Section line A-A is indicated with arrows pointing to the left.

SECTION A-A: Side view of the hopper. The top edge has a thickness of 0.074 inches. The inner radius of the top edge is R.20. The main body has a wall thickness of 0.067 inches. The bottom edge has a radius of R3.00. The hopper tapers at a 60.0-degree angle. The bottom edge has a thickness of 0.037 inches. The total height is 15.00 ± 0.25 inches. The straight wall section is 7.70 inches long. Section line B-B is indicated at the bottom edge.

DETAIL B
SCALE 1 : 2

SECTION A-A

ISOMETRIC VIEW
SCALE 1 : 8

UNLESS OTHERWISE SPECIFIED:

- DO NOT SCALE DRAWING
- DIMENSIONS ARE IN INCHES
- TOLERANCE:
FRACTIONAL ± .25
X.X ± .1
X.XX ± .03
X.XXX ± .010
ANGULAR: ± 2 DEG.
- INTERPRET DRAWING PER ASME-Y14.5M-1994 STANDARDS
- THIRD ANGLE PROJECTION
- REMOVE BURRS & BREAK ALL SHARP EDGES WITH R0.03 ± .02

	NAME	DATE
DRAWN	J.KNAPP	14DEC2000
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

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TOLEDO METAL SPINNING COMPANY
EST. 1929

TITLE:
9" HOPPER WITH 7" STRAIGHT WALL

SIZE	DRAWING NUMBER	REV
A	TMS9914-316SS	B
SCALE: 1:4		WEIGHT: 6.32
		SHEET 1 OF 1