



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-160-05 HCWI reducer	533 mm ID x 32 mm WALL x 559 mm ID x 32 mm WALL x 1498 mm HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF#743099

REVISION HISTORY		
REV	DATE	DESCRIPTION
B	9/19/19	ADDED CAST OD TOLERANCES
A	9/12/19	ISSUED FOR REVIEW

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EST. WT. 1414 lbmass
UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01- OR OR AS - RADI
05 T.I.R. 010. INTERPRET DWG PER ANSI Y14.5 STANDARD.
TOLERANCES:
X = ±.118
X.X = ±.050
X.XX = ±.015
X.XXX = ±.005
ANGLES = ±1/2°
125/ FINISH ON ALL MACHINED SURFACES

DO NOT SCALE

DRAWN BY: JDS
DATE: 9/19/19
CHECKED BY: DATE
APPROVED: DATE

MATERIAL & HEAT TREAT
ASTM A532 CLASS III TYPE A

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TITLE
HCWI LINER - REDUCER - MACHINED
IOL KEARL PLANT 1 & 2 PIPING SPARES

PROJECT No. A1-18001
REFERENCE A1-18001-160-00
FILE NAME A1-18001-160-05 HCWI reducer.idw

REV. B
SHEET 1 OF 1