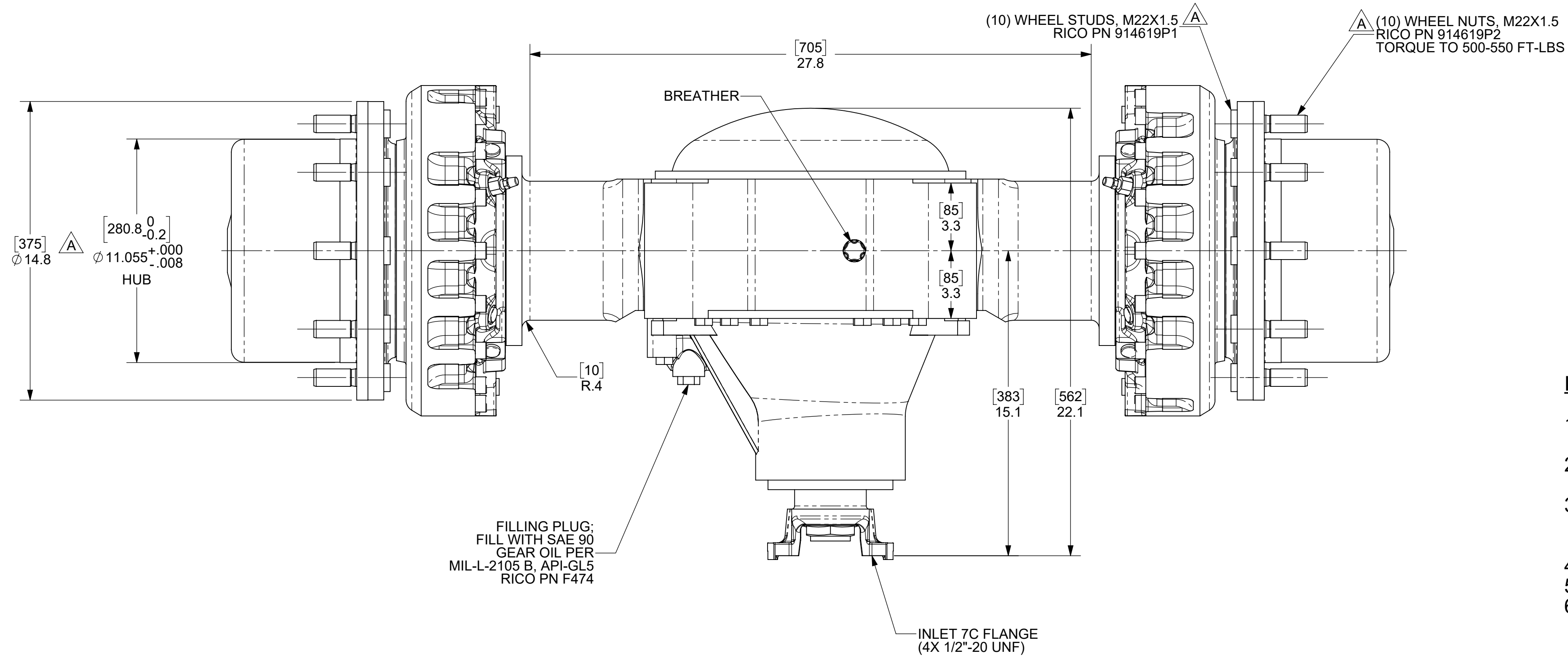
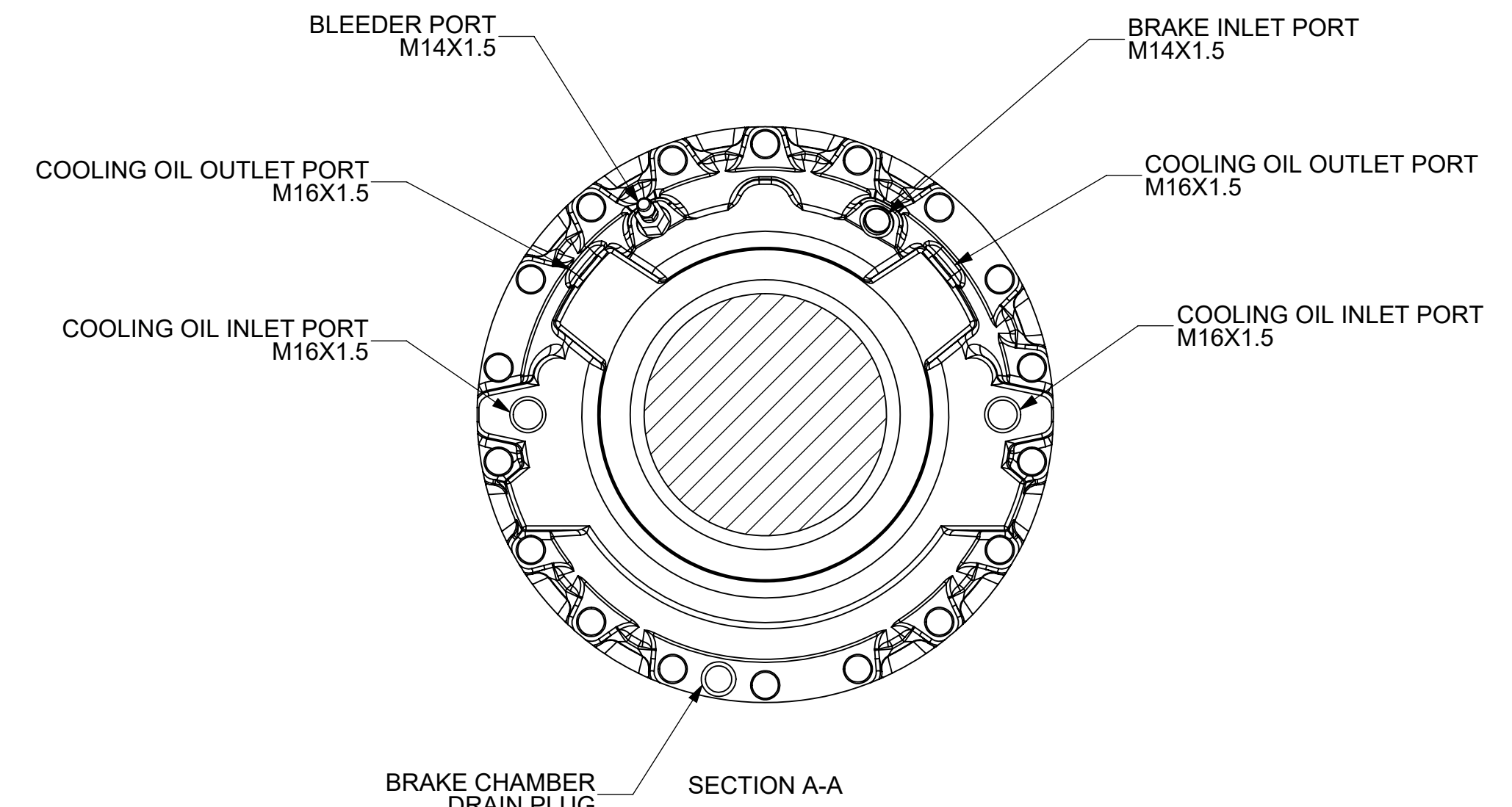
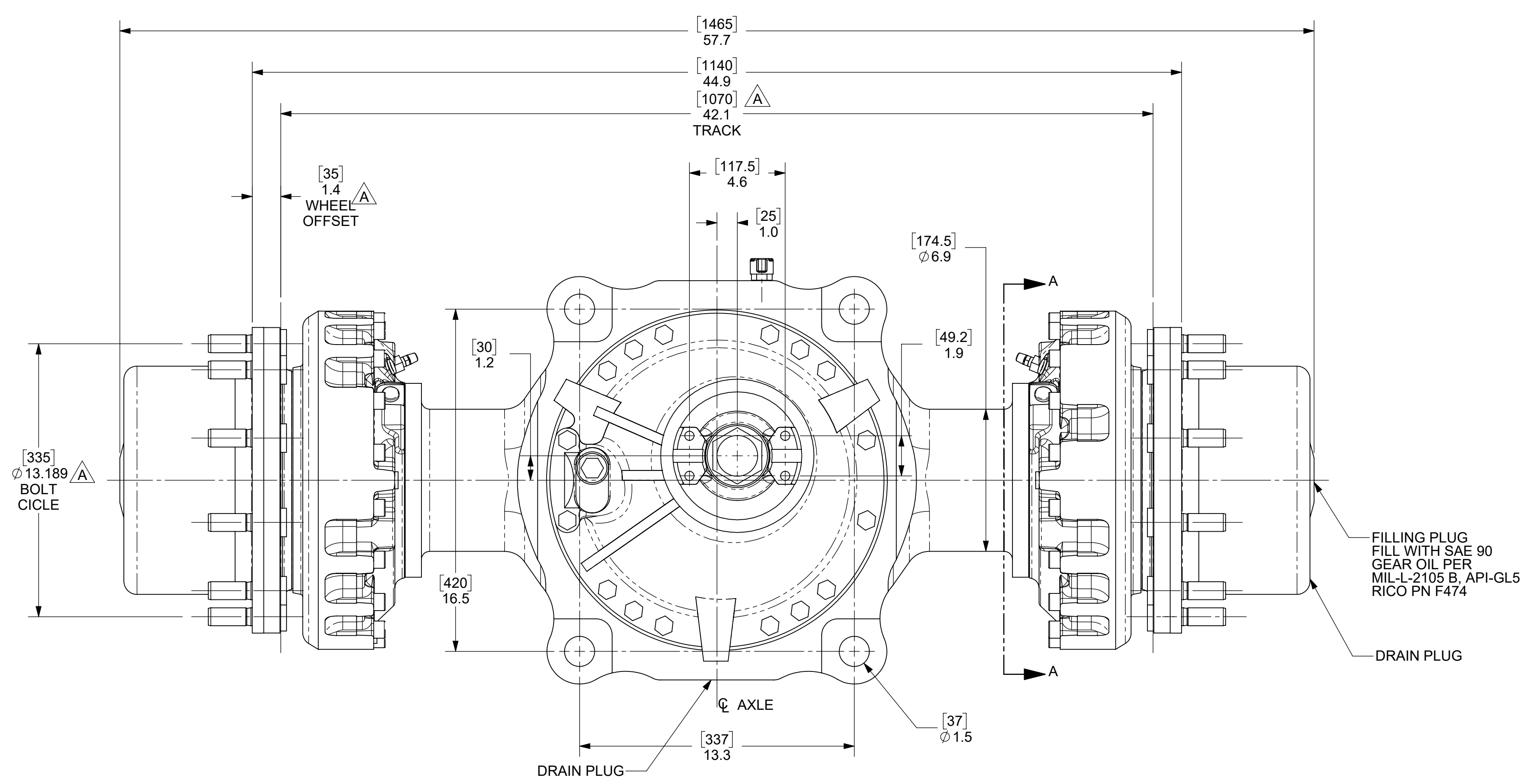


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
B1, B4, B5, B8, C8, D6, D7	A	[280.8, +0/-0.2] @ 11.055, +0/-0.008 WAS [280] @ 11.0; (10) WHEEL STUDS AND WHEEL NUTS WAS (12); 72.8946.3A WAS 82.8946.3A; ADDED [335] @ 13.189 BOLT CIRCLE DIM; DELETED [318.6] @ 12.5 BOLT CIRCLE DIM; ADDED [1070] 42.1 TRACK DIM; ADDED [35] 1.4 WHEEL OFFSET DIM (ECN01397)	7/18/2016	D.W.JONES
	B	ADDED GEAR RATIO NOTE	12/2/2019	JRF



SPECIFICATIONS:
MANUFACTURER: KESSLER & CO.
MANUFACTURER PART NUMBER: 72.8946.3A
DESCRIPTION: DRIVE AXLE D71PL478-NLB

GEAR RATIO = 22.37 TO 1
 MAX AXLE LOAD AT 9 MPH = 53,954 LBS (240,000 N)
 MAX STATIC AXLE LOAD = 67,443 LBS (300,000 N)
 MAX BRAKING TORQUE PER HUB END = 12,907 FT-LB (17,500 NM)

- THESE AXLES USE THE FOLLOWING KESSLER DATA SHEETS:
1. WN63270: DISC BRAKE NLB3340-3
 2. WN85601: NLB PERMISSIBLE OIL
 3. WN85602: NLB PERMISSIBLE OIL
 4. WN17005: USAGE OF AXLES WITH WET BRAKES
 5. WN85603: BRAKE NOISE PREVENTION

IF SUMP BRAKE COOLING IS USED ON RICO PART NUMBER 50991007:

1. REMOVE BOTH INLET AND OUTLET COOLING PORT PLUGS AS SHOWN IN SECTION VIEW (ONLY ONE OF EACH), FROM THE LEFT SIDE BRAKE COOLING CHAMBER.
2. ADD ONE QUART OF HYDRAULIC OIL TO THE LEFT SIDE INLET OIL COOLING PORT. THIS NEEDS TO BE GRAVITY FED.
3. AFTER FILLING ONE QUART OF HYDRAULIC OIL TO THE LEFT SIDE INLET OIL COOLING PORT, RE-INSERT THE PLUG REMOVED. NOTE: SOME OIL WILL LEAK OUT WHICH IS EXPECTED.
4. RE-INSERT THE LEFT SIDE COOLING OIL OUTLET PLUG.
5. REPEAT ABOVE STEPS FOR THE RIGHT SIDE BRAKE COOLING CHAMBER.
6. WIPE ALL SPILLED OIL FROM THE VEHICLE, AND FLOOR IF REQUIRED.

UOS, DIM ARE IN INCHES. .X ±.1 .XX ±.04 .XXX ±.010 ANGULAR ±1° INTERPRET DIM AND TOL PER ASME Y14.5-2009.	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND NEITHER IT NOR THE INFORMATION CONTAINED THEREIN SHALL BE DISCLOSED OR DUPLICATED WITHOUT THE EXPRESS WRITTEN CONSENT OF BPR/RICO MFG, INC.		MFG PROCESS PURCH TEMPL FOR GENERAL MFG PROCESSES		TITLE DRIVE AXLE
	THIRD ANGLE PROJECTION	DRAWN BY ANNA N. STELMASZUK DWJ	ENGINEER 9/16/2020		
			SCALE 1:4	WEIGHT 1564.0 LB	SHEET 10F1