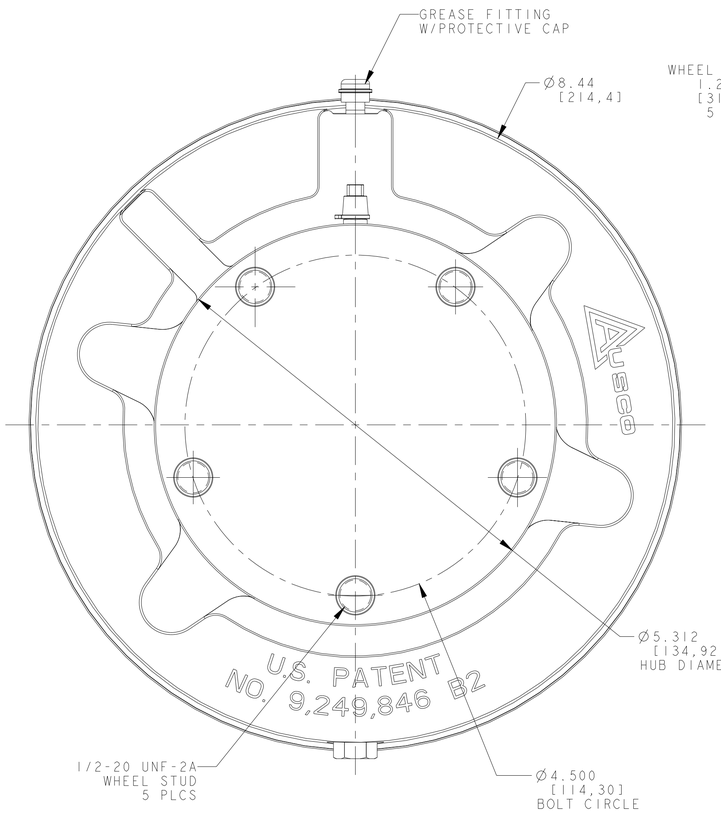

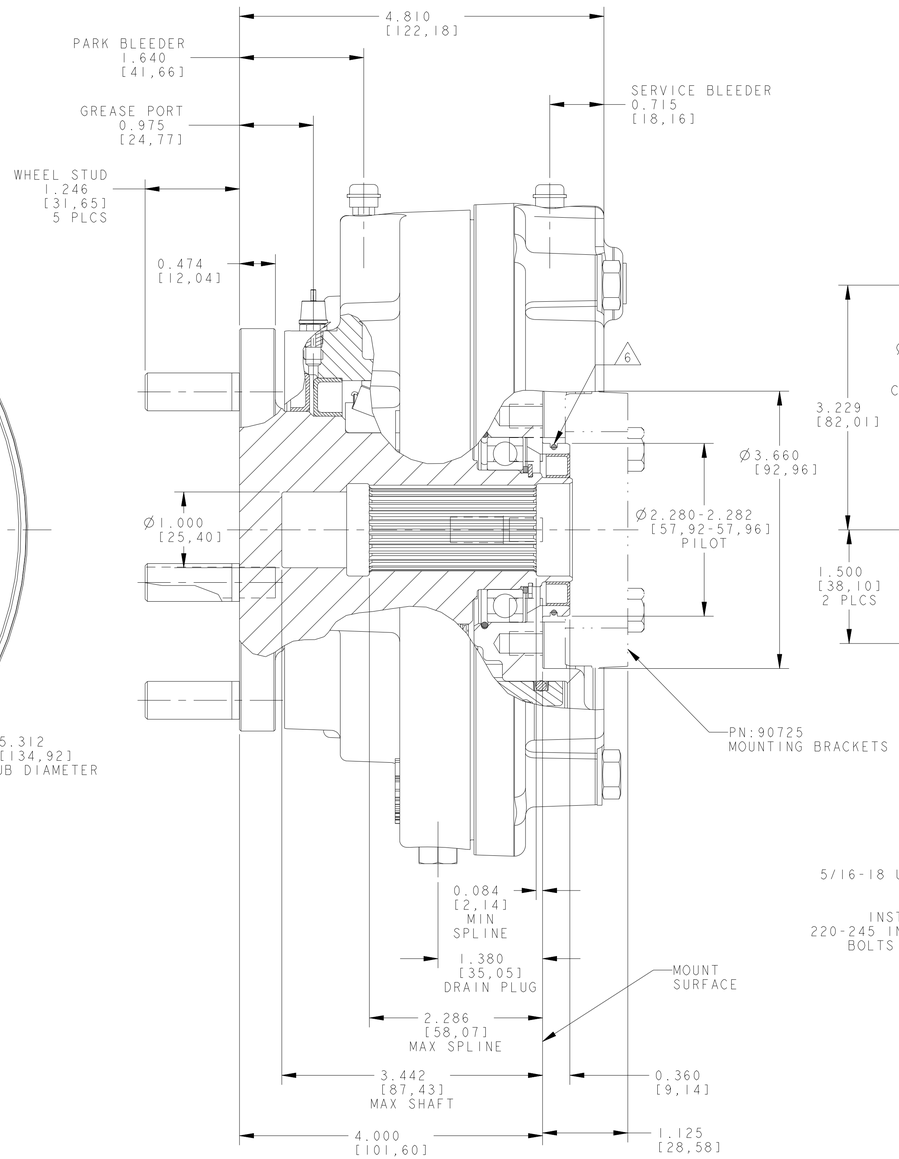

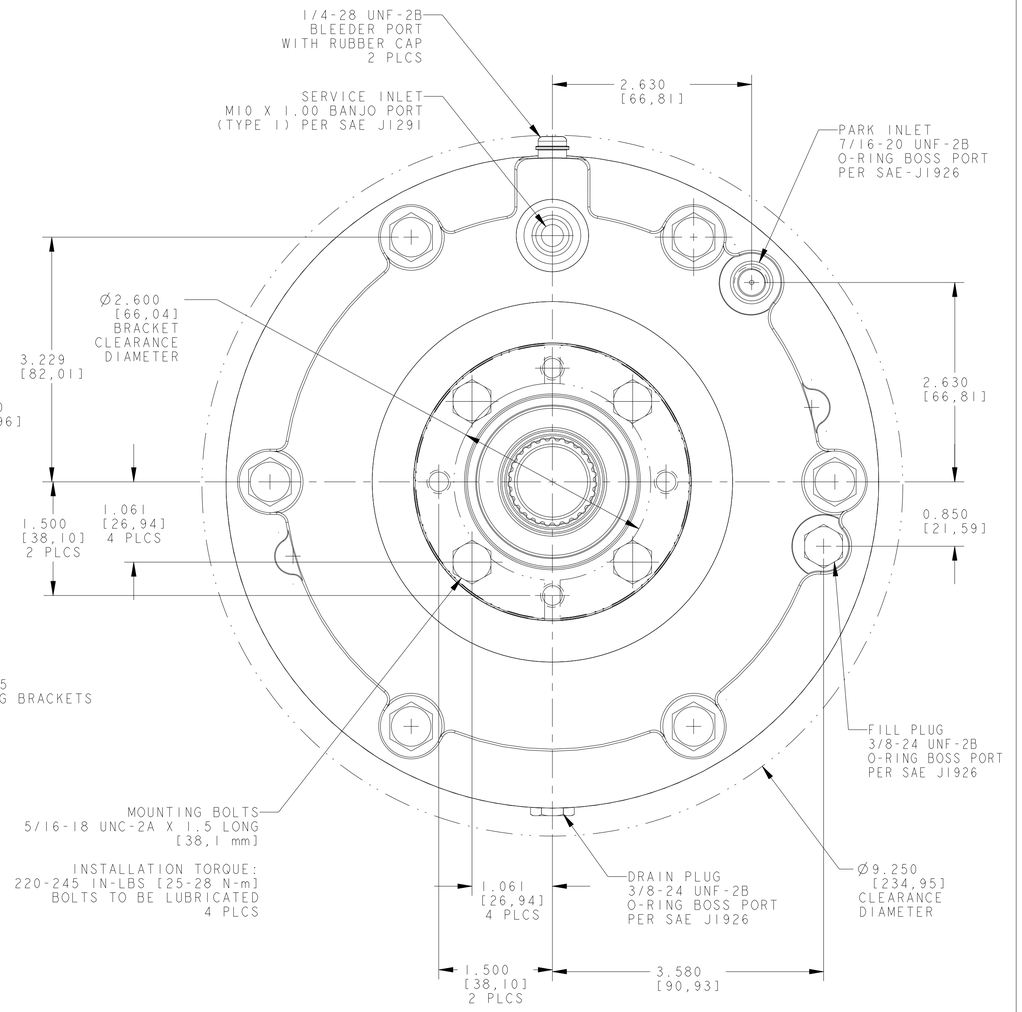

NOTES:

1. THIS DRAWING IS MEANT TO PROVIDE CUSTOMER MOUNTING DATA ONLY. ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE NOTED.
2. THE TORQUE INFORMATION CONTAINED IN THIS DOCUMENT IS FOR REFERENCE ONLY. IT IS RECOMMENDED THAT THIS BRAKE BE TESTED IN THE SPECIFIC APPLICATION TO VERIFY PERFORMANCE.
3. MAXIMUM OPERATING PRESSURE IS 1000 PSI [69 BAR] FOR PARK AND SERVICE.
4. BRAKE IS PREFILLED WITH 250 ±10 mL OF AW68 OIL.
5. 0.174 CU. IN. [2.85 mL] MIN SERVICE ACTUATION VOLUME (NEW).
   0.435 CU. IN. [7.12 mL] MIN SERVICE ACTUATION VOLUME (WORN).
6. CUSTOMER TO APPLY LUBRICANT TO PILOT. (DOW CORNING 200 OR EQUIVALENT)
7. ACTUATION FLUID: PETROLEUM BASED HYDRAULIC FLUID ONLY.
8. BRAKE DESIGN IS COVERED BY U.S. PATENT NO. 9,249,846 B2.

SERVICE TORQUE FORMULAS:

ENGLISH:
TORQUE (IN-LBS)= 7.724 * PRESSURE (PSI) - 482

METRIC:
TORQUE (Nm)= 12.65 * PRESSURE (BAR) - 54.4

NDC	A	30699	RELEASE FOR PRODUCTION	03-25-20	KMc
CHKR	SYM	ECO	DESCRIPTION	DATE	BY

DO NOT SCALE THIS DRAWING
PROPRIETARY DATA: NOT TO BE DISCLOSED, USED, OR DUPLICATED FOR PROCUREMENT OR MANUFACTURING PURPOSES, EXCEPT AS AUTHORIZED IN WRITING BY AUSCO, INC.

CREATED WITH PRO/E NO MANUAL CHANGES

5500 [621]	475 [33]	7240 [818] @	1000 [69]	27T 24/48	5 ON Ø4.500 IN Ø 114.3 MM
RATED TORQUE (LB IN) [Nm]	RELEASE PRESSURE (PSI) [BAR]	RATED TORQUE (LB IN) [Nm]	INPUT PRESSURE (PSI) [BAR]	INPUT	OUTPUT
PARK BRAKE DATA		SERVICE BRAKE DATA		SPLINE DATA	MOUNTING

PROJECT	DATE	PART NAME
4888	03-24-20	CUSTOMER CONFIGURATION M/D WET F/S W/SVC BRAKE
DESIGNER	SCALE	PART NUMBER
K.McALLISTER	1.000	CC105313