



- NOTES:**
- THIS DRAWING IS MEANT TO PROVIDE CUSTOMER MOUNTING DATA ONLY. ALL DIMENSIONS ARE REFERENCE UNLESS OTHERWISE NOTED.
  - 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.
  - MAXIMUM OPERATING PRESSURE IS 1000 PSI [69 BAR] FOR PARK AND SERVICE.
  - BRAKE IS PREFILLED WITH 250 ±10 mL OF AW68 OIL. (C2)
  - 0.174 CU. IN. [2.85 mL] MIN SERVICE ACTUATION VOLUME (NEW).  
0.435 CU. IN. [7.12 mL] MIN SERVICE ACTUATION VOLUME (WORN).
  - CUSTOMER TO APPLY LUBRICANT TO PILOT. (DOW CORNING 200 OR EQUIVALENT)
  - ACTUATION FLUID: PETROLEUM BASED HYDRAULIC FLUID ONLY.
  - 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

KMc	SYM	ECO	DESCRIPTION	DATE	BY
KMc	C2	30270	NOTE 1.4 WAS 240 mL OF OIL	08-13-20	NLL
KMc	C1	30270	PICTORIALLY UPDATED	08-13-20	NLL
KMc	B2	30291	WAS Ø 8.61	01-25-19	NDC
KMc	B1	30291	UPDATED PICTORIALLY	01-25-19	NDC
KMc	A	29598	RELEASE FOR PRODUCTION	07-07-17	NDC

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	4 ON Ø 4.000 IN Ø 101.6 MM	PROJECT 4888	DATE 5-01-17	PART NAME CUSTOMER CONFIGURATION M/D WET F/S W/SVC BRAKE
RATED TORQUE (LB IN) [Nm]	RELEASE PRESSURE (PSI) [BAR]	RATED TORQUE (LB IN) [Nm]	INPUT PRESSURE (PSI) [BAR]	INPUT	OUTPUT	DESIGNER N. CRAWFORD	SCALE 1.000	PART NUMBER CC101989	
PARK BRAKE DATA		SERVICE BRAKE DATA		SPLINE DATA		MOUNTING			