



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

KAD	D7	31962	WAS 4.810	10-13-23	TSZ
KAD	D6	31962	WAS 1.640	10-13-23	TSZ
KAD	D5	31962	WAS 0.975	10-13-23	TSZ
KAD	D4	31962	WAS 0.474	10-13-23	TSZ
KAD	D3	31962	WAS $\varnothing 1.000$	10-13-23	TSZ
KAD	D2	31962	ADDED $\varnothing 0.940$	10-13-23	TSZ
KAD	D1	31962	WAS 4.000	10-13-23	TSZ
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 $\varnothing 8.61$	01-25-19	NDC
KMc	B1	30291	UPDATED PICTORIALLY	01-25-19	NDC
KMc	A	29598	RELEASE FOR PRODUCTION	07-07-17	NDC
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.

Ausco **PRO/E**
 NO MANUAL CHANGES

5500 [621]	475 [33]	7240 [818]	@ 1000 [69]	27T 24/48	4 ON $\varnothing 4.000$ IN $\varnothing 101.6$ 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			