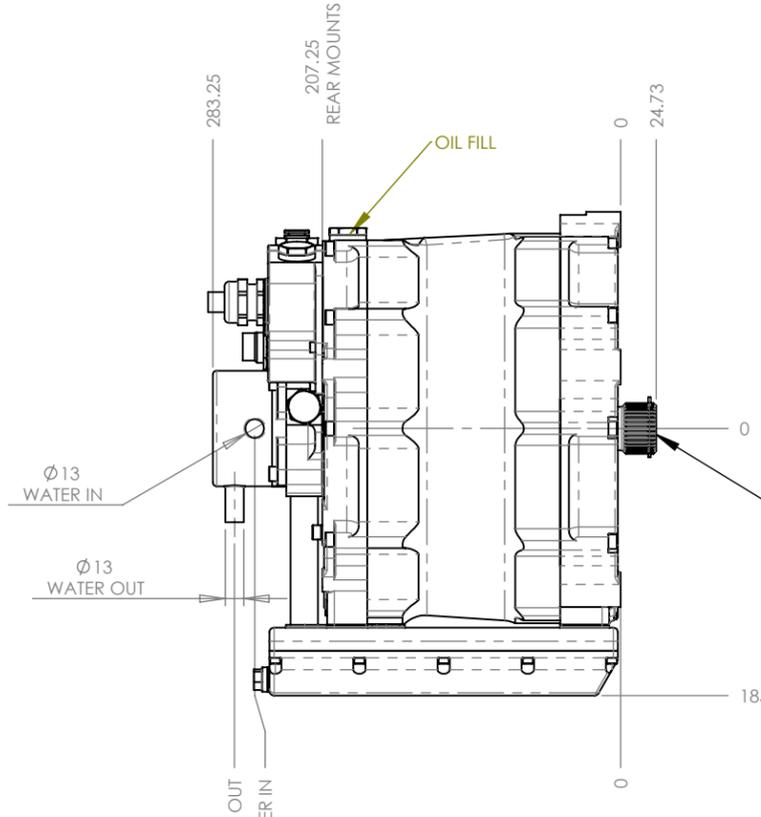
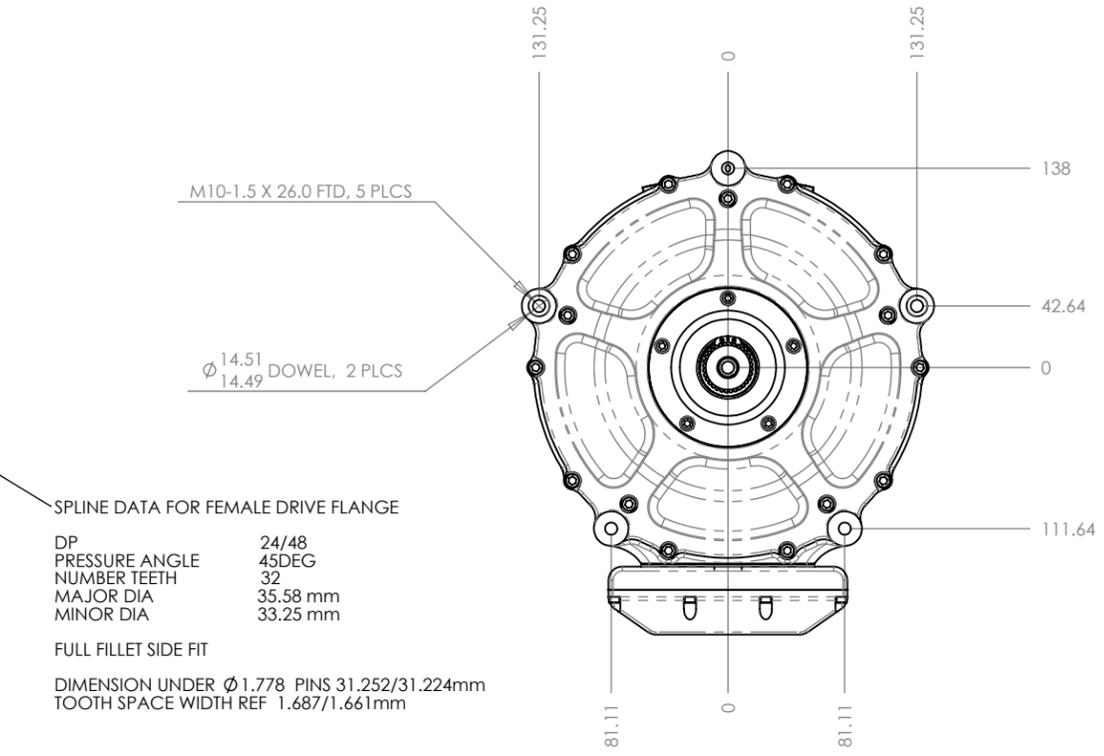


REAR VIEW



SIDE VIEW



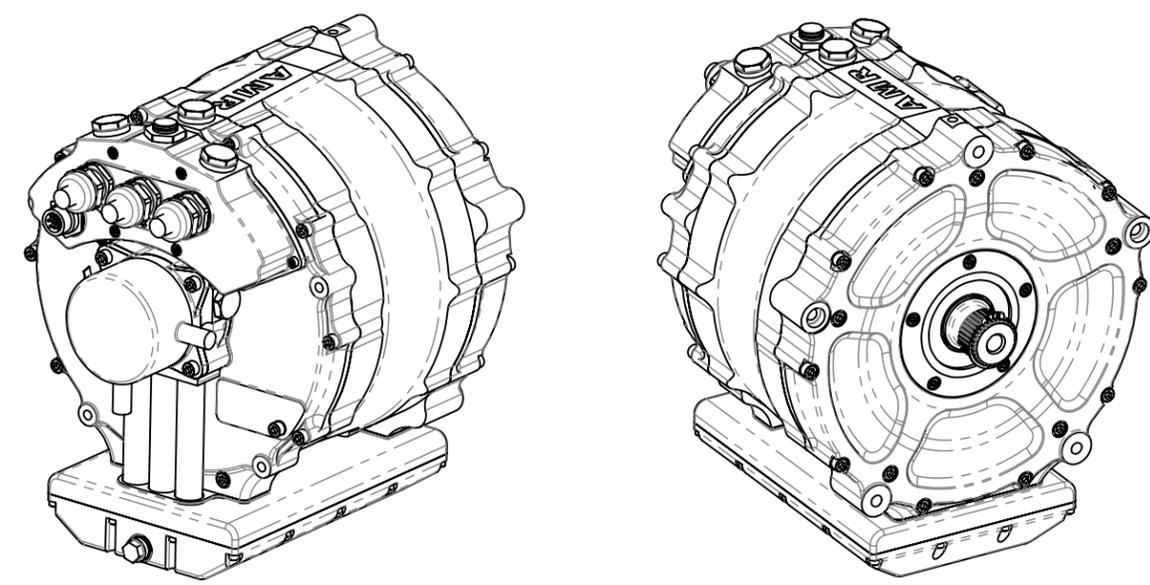
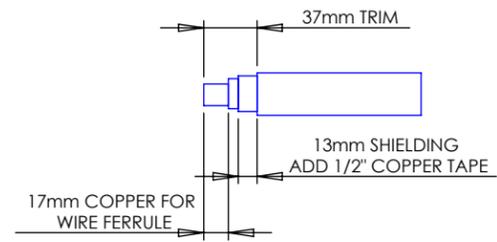
FRONT VIEW

SPLINE DATA FOR FEMALE DRIVE FLANGE
 DP 24/48
 PRESSURE ANGLE 45DEG
 NUMBER TEETH 32
 MAJOR DIA 35.58 mm
 MINOR DIA 33.25 mm
 FULL FILLET SIDE FIT
 DIMENSION UNDER ϕ 1.778 PINS 31.252/31.224mm
 TOOTH SPACE WIDTH REF 1.687/1.661mm

NOTES

- 1) HV WIRING, RECOMMEND 2 AWG / 35mm² OR 1/0 AWG / 50mm². USE SHIELDED CABLE
- 2) HV WIRE PREPARATION - SEE WIRING DETAIL DRAWING VIEW BELOW
- 3) HV CRIMP FERRULE (SUPPLIED) 1218135 FOR 2 AWG OR 1218150 FOR 1/0 AWG
- 4) LV WIRING CONNECTOR - SOURIAU UTS6JC12E10S - USE SHIELDED TWISTED PAIR CABLE
- 5) LV CONNECTION DIAGRAM FOR RMS PM100 OR PM150 AS PER DIAGRAM BELOW
- 6) COOLING, FOR THE WATER/OIL EXCHANGER IS 8 TO 20 L/MIN WATER / GLYCOL MIX, 1/2" HOSE
- 7) WATER INLET TEMPERATURE KEPT BELOW 90DEG C
- 8) COOLING, FOR THE OIL/AIR IS DASH 8 FITTING/HOSE
- 9) OIL TYPE VALVOLINE DEXRON VI AUTOMATIC TRANSMISSION FLUID - APPROX 1 3/4 QUARTS (1.65 LITRES) UNTIL THE FILL LEVEL PLUG BLEEDS. MOTOR TO BE ON LEVEL GROUND DURING FILL. NOTE IF AN EXTERNAL OIL/AIR COOLER IS USED THEN ADD ADDITIONAL FLUID INLINE WITH THE EXTRA VOLUME OF THE SYSTEM
- 10) MOTOR IS SHIPPED WITHOUT OIL (ONLY RESIDUAL OIL FROM TESTING WILL BE PRESENT)
- 11) TORQUE SPECS. DRIVE FLANGE (IF FITTED) M12 70-80 FTLBS, CASE MOUNTS M10 32-35 FTLBS, M8 18-20 FTLBS

MOTOR	RMS DRIVE	DESCRIPTION
A	J2-3	EXCITATION NEGATIVE
B	J2-17	EXCITATION POSITIVE
C	J2-11	SIN POSITIVE
D	J2-18	SIN NEGATIVE
E	J2-4	COS POSITIVE
F	J2-12	COS NEGATIVE
G	J1-24	TEMP SENSOR
H	J1-2	TEMP SENSOR
J	J2-19	SHIELD
K		N/A



REV	DESIGNER	DESCRIPTION	DATE	UPDATE
A	AH	RELEASED FOR INFORMATION	5/13/2013	