NOTES

1) HV WIRING. RECOMMEND 2/0 AWG / 70mm² OR 1/0 AWG / 50mm². USE SHIELDED CABLE

2) HV WIRE PREPARATION - SEE WIRING DETAIL DRAWING VIEW BELOW

3) HV CRIMP FERRULE (SUPPLIED) 1232170 FOR 2/0 AWG OR 1232150 FOR 1/0 AWG

4) LV WIRING CONNECTOR - SOURIAU UTS6JC12E10S - USE SHIELDED TWISTED PAIR CABLE

5) LV CONNECTION DIAGRAM FOR RIMS PH10X OR PH15X AS PER DIAGRAM BELOW

6) FRONT MOTOR AND REAR MOTOR REQUIRE RUNNING IN OPPOSITE DIRECTIONS AS THEY ARE BACK TO BACK IN THE HOUSING

7) COOLING, FOR THE OIL/AIR IS DASH 10 FITTING/HOSE

8) OIL TYPE VALVOLINE DEXRON VI AUTOMATIC TRANSMISSION FLUID - APPROX 2 3/4 QUARTS (2.80 LITRES) UNTIL THE FILL LEVEL 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

9) MOTOR IS SHIPPED WITHOUT OIL (ONLY RESIDUAL OIL FROM TESTING WILL BE PRESENT)

10) TORQUE SPECS. DRIVE FLANGE [IF FITTED] M12 70-80 FT-LBS, CASE MOUNTS M10 32-35 FT-LBS

MOTOR RMS DRIVE DESCRIPTION
A 22-2 EXCITATION NEGATIVE
B 22-17 EXCITATION POSITIVE
C 22-11 SIN POSITIVE
D 22-18 SIN NEGATIVE
E 22-4 COS POSITIVE
F 22-14 COS NEGATIVE
G 22-24 TEMP SENSOR
H 22-19 TEMP SENSOR
I 0-15 SHIELD
J N/A

55mm BRIM

13mm SHEILDING ADD 1/2 COPPER TAPE