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 RNS PH105 OR PH150 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 PLUG BLEEDS. MOTOR TO BE ON LEVEL GROUND DURING FILL. NOTE IF AN EXTERNAL OIL/AIR COOLER IS USED THEN ADD ADDITIONAL FLUID IN LINE 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

SPLINE DATA FOR FEMALE DRIVE FLANGE

- DP: 24/48
- Pressure Angle: 45°
- Number Teeth: 32
- Major Dia: 35.58 mm
- Minor Dia: 33.25 mm
- Full Fillet Side Fit
- Dimension Under 1.778 pins 31.252/31.224 mm
- Tooth Space Width Ref 1.687/1.661 mm

OIL FILL LEVEL POINT

OIL IN (DASH 10)

OIL OUT (DASH 10)

SIDE VIEW

REAR VIEW

FRONT VIEW