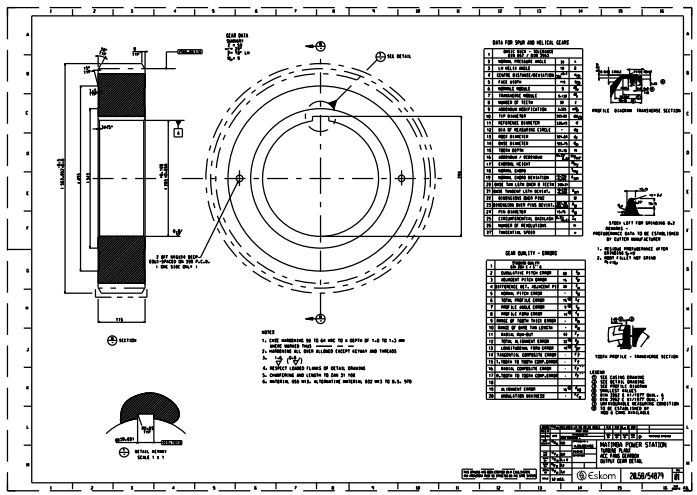
GEAR DATA
SEE DETAIL
SECTION
DETAIL MEMBER
SCALE 1 : 1
NOTES
1. CASE HARDENING 50 TO 64 HRC TO A DEPTH OF 1.0 TO 1.3 mm
2. MAKE MARKED TAPS
3. HARDENING ALL OVER ALLOWED EXCEPT KEYWAY AND THREADS
4. REFLECT LOADED FLANGE OF DETAIL DRAWING
5. CHAMFERING AND LENGTH TO 240 IN 100
6. MATERIAL 655 M3. ALTERNATIVE MATERIAL 832 M3 TO B.S. 970
DATA FOR SPUR AND HELICAL GEARS
PROFILE DIAGRAM TRANSVERSE SECTION
STOCK LEFT FOR DRAWING 0.3 DRAWING
PROTOCOLOR DATA TO BE ESTABLISHED BY CUTTER MANUFACTURER
1. PRESSURE PROTOCOLOR AFTER GRINDING 0.4
2. DEBRIS FULLET NOT SPEED
GEAR QUALITY - ERRORS
TOOTH PROFILE - TRANSVERSE SECTION
LEGEND
MATINA POWER STATION
TURBINE PLANT
ACT. TRANS. GEARBOX
MATINA GEAR DETAIL
Eskom
28/30/54879