BRAKE.
TYPE ...................... WARNER ERS - 42
VOLTAGE ..................... 24 DCV
WATTS ......................... 22.3
PART No....................... 5151-170-008

MOTOR CONSTANTS.
VOLTAGE ...................... Ke 39.0 V/1000 r.p.m
TORQUE ....................... Kt 37.26 Ncm/ Amp
DAMPING ...................... Kd 6.44 Ncm / 1000 r.p.m
FRICITION ..................... Tf 7.76 Ncm
TERMINAL RESISTANCE .......... 0.94 Ohm

MOTOR RATINGS.
VOLTAGE ..................... 128.7 V Dc
CURRENT ..................... 9.55 Amps
TORQUE ...................... 334 Ncm
SPEED ......................... 3000 r.p.m
POWER ........................ 1050 Watts

NOTES.
1. PIN A MOTOR +ve
PIN B MOTOR -ve
PIN C
PIN D
PIN E BRAKE +ve
PIN F BRAKE -ve
PIN G GROUND

HELICAL GEAR
13 TOOTH
1.305 MOD
17.6 DEG HELIX
22 FACE WIDTH

GENERAL ASSEMBLY DRG.
5311356

ROTARY SHAFT SEAL
TYPE TRAA00170
NITRILE RUBBER

ELEC.
CONNECTOR
SEE NOTE 4

PART MARKING
INDELIBLY MARK ON PART No.
WHERE MARKED

SHAP CENTRES SHALL CONFORM TO BS EN ISO 6411-1997 TYPE A
CENTRE DRILL TO CONFORM TO ISO 866
ALL METRIC THREADS TO BE COARSE CLASS 6H OR 6g

DIMENSIONS

ESTIMATED MASS
10215.15

SURFACE FINISH
1.6

TOLERANCES UNLESS STATED

MATERIAL
N/A

FINISH
N/A

SCALE
1:2

FINISH
UNLESS SPECIFIED
AL LAST CHAMFERS & RADIUS 0.5 MAX. REMOVE BURRS & SHARP EDGES. DIMENSIONS APPLY AFTER PLATING

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