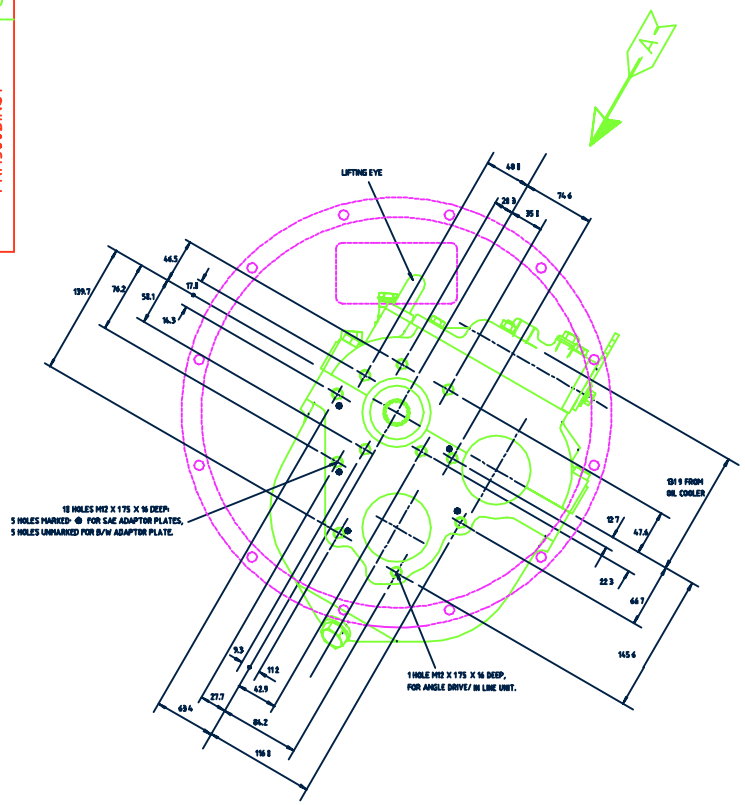
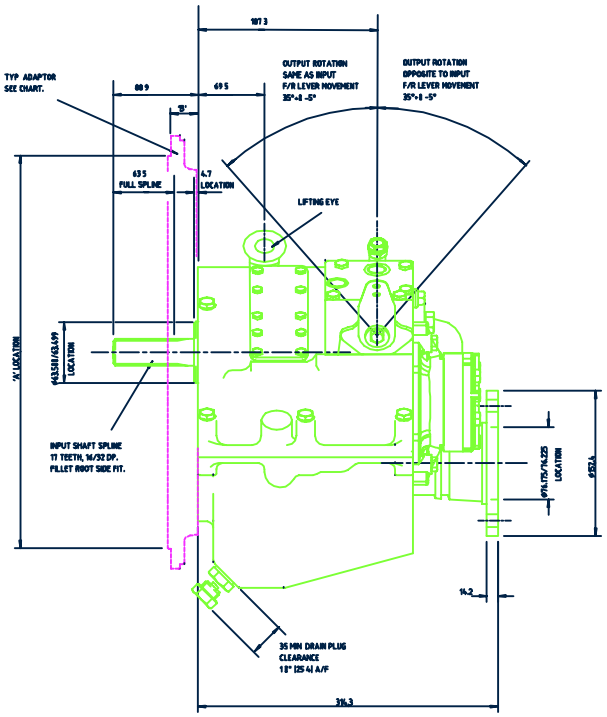
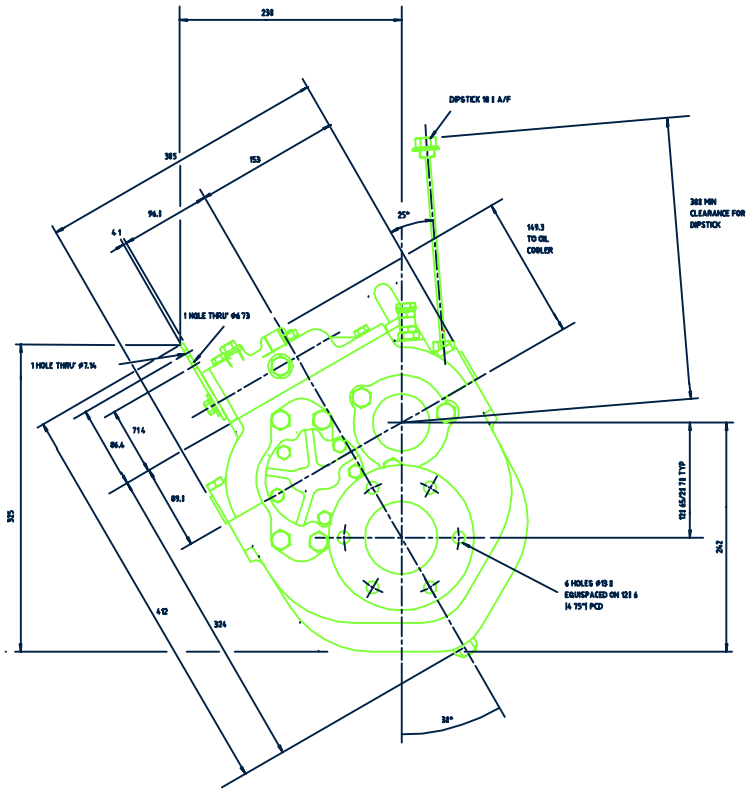
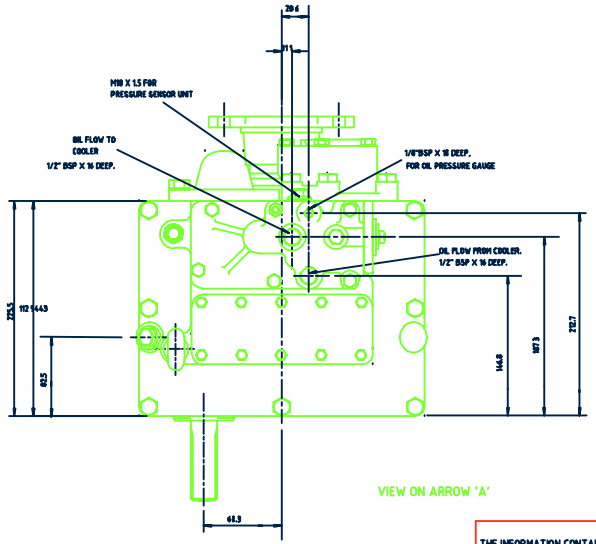
CAD

PART No PRM500DINST









VIEW ON ARROW 'A'

GENERAL NOTES:

1. APPROXIMATE OIL CAPACITY, EXCLUDING OIL COOLER 2.5 Litre (4.4 Pints).
2. OIL TYPE TO BE EITHER MOBIL DELVAC SUPER 1340.
   OR AN ENGINEERING APPROVED EQUIVALENT.
3. CHECK OIL LEVEL WITH DIPSTICK SCREWED IN.
4. OPERATING TEMPERATURE TO BE 50°C-88°C AND SHOULD NOT EXCEED 90°C
5. OPERATING PRESSURE TO BE 2311 / 2655 KPa (335 / 385 lbf in²)
6. MAXIMUM INPUT SPEED 4 888 RPM CONTINUOUS & 4 588 RPM INTERMITTENT.
7. OPERATING PRESSURE NOT GUARANTEED BELOW 1588 RPM.
8. MAXIMUM WATER INLET TEMPERATURE TO COOLER TO BE 38°C
9. APPROXIMATE DRY WEIGHT 68 KG (151 lb)
   EXCLUDING ADAPTOR, DRIVE COUPLING & OIL COOLER.
10. MAXIMUM FORE & AFT INSTALLATION ANGLE PERMISSABLE AT REST IS 17°.

BORG WARNER &,
SAE 2, 3, & 4, ADAPTORS FOR USE WITH
SAE J620C FLYWHEELS ARE AVAILABLE:

ADAPTORS	dA	B
SAE4	361 95 (14.251")	19 85 (11.75")
SAE3	409.55 (16.124")	15.75 (11.62")
SAE2	447.68 (17 625")	15.88 (11 625")
B/W	289.52 (11 24.9")	28.57 (1 125")

DIMENSIONS ARE IN mm & (inches).

ISSUE No	MODIFICATION
4	PUMP WAS MT8412 REPLACED BY MT8549 M BOTTOMLEY MOD NO 12162 12/01/2017
3	BREATHER WAS CP1283 NOW CP1448 ED 5/6/13 MOD No.11891

CAD FILE No H:\MARINE\PRM581\PRM581DINST.DWG

MATERIAL

HEAT TREATMENT

	NAME	SIGNED	DATE
DRAWN	M T GORDON		28/07/98
APPROVED			

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UNLESS OTHERWISE STATED;
1, ALL DIMENSIONS ARE IN mm.
2, TOLERANCES : WHOLE DIMn ±1mm
DECIMAL DIMn ±0 25mm : ANGULAR DIMn ±0 5°
3, SURFACE FINISH 6.3 micron C.L.A.

DO NOT SCALE
IF IN DOUBT ASK

PROJECTION ;

SCALE 1:2

SHEET SIZE A0

NEWAGE TRANSMISSIONS LIMITED
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TITLE
PRM500 INSTALLATION (UP TO &INC. 3.0:1 RATIOS)

PART No PRM500DINST

ISSUE 4