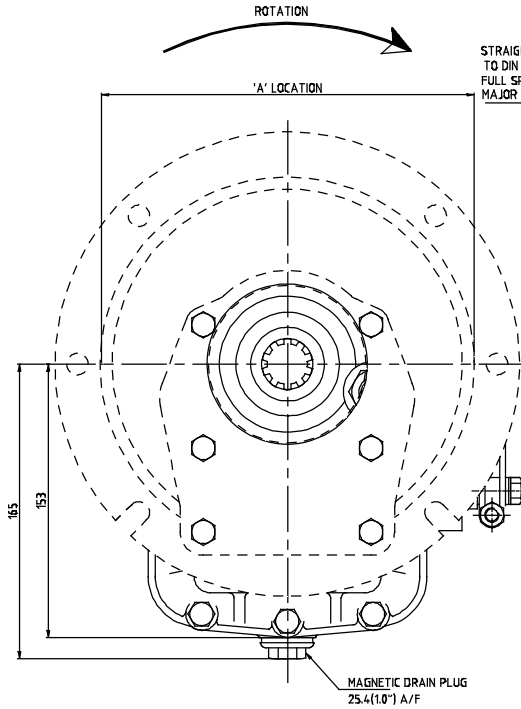
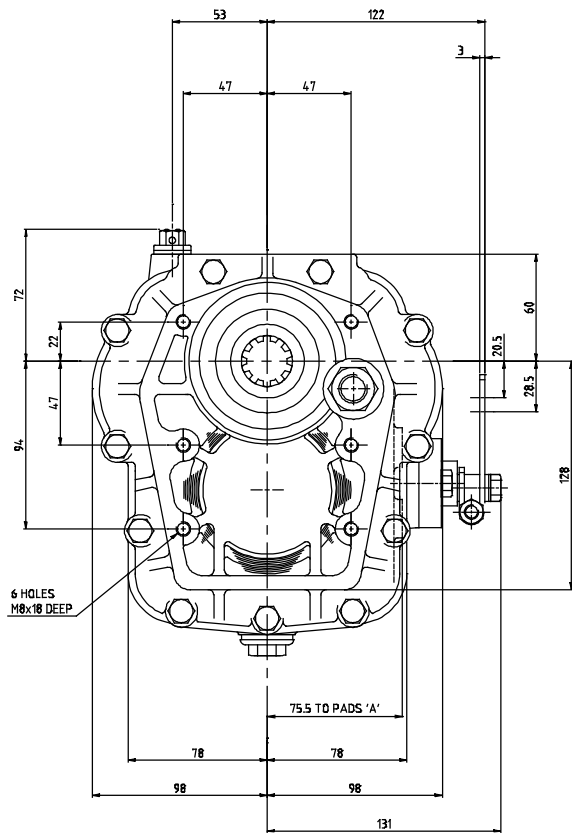
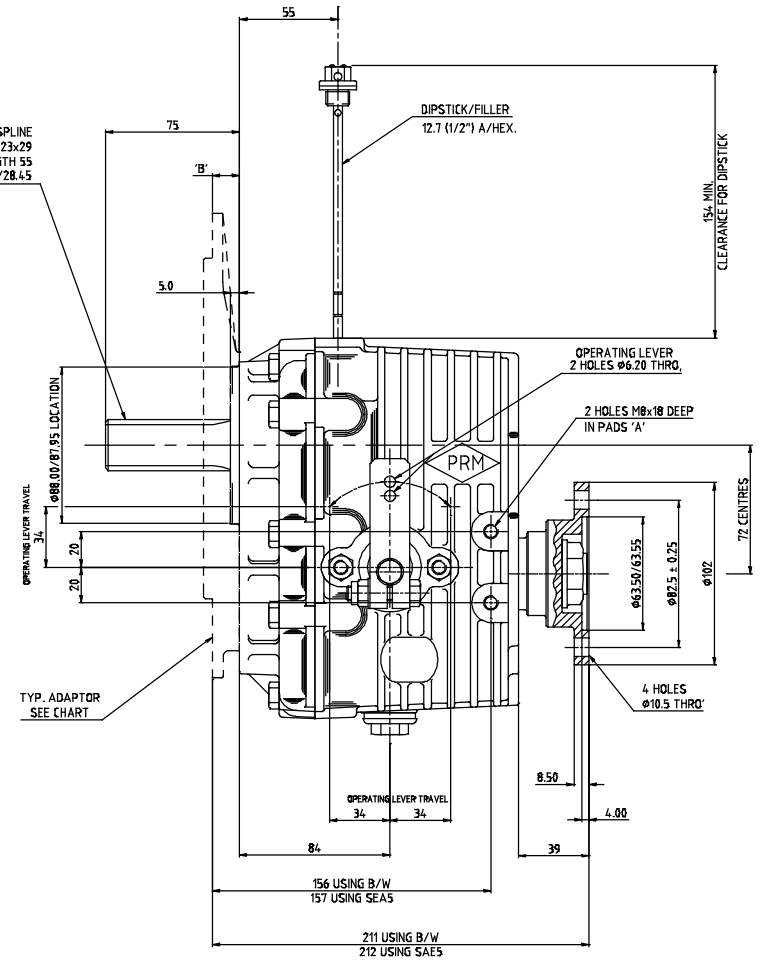


VIEW WITHOUT ADAPTOR PLATE  
EXCLUDING EXTERNAL WEBS



STRAIGHT SIDED SPLINE  
TO DIN 5464 B10x23x29  
FULL SPLINE LENGTH 55  
MAJOR DIA. 28.50/28.45



NOTES:

- MAXIMUM INPUT TORQUE: RATIO PLEASURE  
2.5:1 70Nm(51lbft)  
2.05:1 80Nm(59lbft)
- MAXIMUM INPUT POWER 35kW (47HP) FOR PLEASURE APPLICATION:  
DEPENDENT ON AMBIENT TEMPERATURE.
- MAXIMUM INPUT SPEED 5000 RPM.
- RATING IN KW(HP)/100RPM: RATIO PLEASURE  
2.5:1 0.73KW(0.98HP)  
2.05:1 0.84KW(1.12HP)
- GEARBOX RATIOS:  
2.5:1 FORWARD AND 2.5:1 REVERSE.  
2.05:1 FORWARD AND 2.5:1 REVERSE.
- ESTIMATED DRY WEIGHT 11.3KG (24.5lbs).
- G'BOX LUBRICATION SAE 15W/40 ENGINE OIL OR ENGINEERING APPROVED EQUIVALENT.
- APPROX LUBRICATING OIL CAPACITY 0.57 LITRES (1.0 PINT).
- MINIMUM LEVER TRAVEL SHOWN INDICATED.
- CLOCKWISE ROTATION LOOKING AT G'BOX INPUT SHAFT ONLY & R.H. PROPELLER.
- MAXIMUM OPERATING TEMPERATURE 120°C.
- SINGLE LEVER DUAL ACTION CONTROL (IE MORSE MT3 OR SL3) MUST BE USED.
- G'BOX MUST PAUSE IN NEUTRAL WHEN SHIFTING FROM FWD TO REV OR VICE VERSA.

ADAPTOR PLATES AVAILABLE:

ADAPTORS	φA	B
SAE5	314.33 (12.375")	16.0 (0.63")
B/W	209.55 (8.250")	15.0 (0.591")

DIMENSIONS ARE IN mm & (inches).

THE INFORMATION CONTAINED ON THIS DRAWING MUST NOT BE COPIED OR LENT WITHOUT PERMISSION COPYRIGHT (c) 1998 NEWAGE TRANSMISSIONS LIMITED.	UNLESS OTHERWISE STATED, 1. ALL DIMENSIONS ARE IN mm. 2. TOLERANCES - WHOLE DIMs ± 0.25mm DECIMAL DIMs ± 0.25mm ; ANGULAR DIMs ± 0.5° 3. SURFACE FINISH 6.3 micron C.L.A.	DO NOT SCALE IF IN DOUBT ASK	PROJECTION: 	SCALE
				1:1
				SHEET SIZE
NEWAGE TRANSMISSIONS LIMITED BARLBY ROAD, COVENTRY, ENGLAND, CV2 2LD. TEL (01203) 877141 Email: design@newage-prm.co.uk	TITLE	PRM80D MECHANICAL GEARBOX INSTALLATION	PART No PRM80DINST	ISSUE 3

3	75.5 PAD 'A' DIMENSION ADDED MTE. 26/8/99. MOD. No P15/14
2	COMBINED DIPSTICK/BREATHER REPLACES SEPERATES. MTE. 17/5/99. MOD. No. P15/92
1	DRAIN PLUG WAS 18.5A/F. MTE. 15/1/99. MOD. No. 114/92.

ISSUE No MODIFICATION

EXP FILE No: H:\MARVEL\PRM80DINST.DWG

MATERIAL

HEAT TREATMENT

DRAWN	NAME	SIGNED	DATE
APPROVED	J GIDDINGS		26/06/98