



LOTUS SOUTHWEST

AREA CODE 214 • RI 8-6091

1230 NO. INDUSTRIAL • DALLAS, TEXAS 75202

-2-

MAIN AND BIG END BEARINGS

Vandervell lead Indium bearings. Steel backed.

PISTONS AND CONNECTING RODS

Fully forged slipper type piston with 1" dia. gudgeon pin. Squish deck clearance .005". Three piston rings comprising 1 Dykes, 1 plain skirt clearance .004"/.006". Ring gaps .016"/.021". Forged steel BRM connecting rod, with high duty bolts.

VALVES

Phase III B.R.M. inlet valve, (B.2744) - larger diameter with new head profile.

Inlet 1.5625" dia. - 5/16" stem, 45° seat angle, matl. EN 52.
Exhaust 1.320" dia. - 5/16" stem, 45° seat angle, matl. EN 59.

VALVE SPRINGS

Special B.R.M. racing springs to B.R.M. specification. A.7005 Inner and A.7004 Outer. Free lengths 1.426" inner, 1.400" outer.

VALVE TIMING

Inlet valve opens	54° B.T.D.C.)	Based on tappet clearances of 0.0009" Exhaust. 0.006" Inlet and using .002" shim foil for timing.
Inlet valve closes	82° A.B.D.C.)	
Exhaust valve opens	72° B.B.D.C.)	
Exhaust valve closes	54° A.T.D.C.)	

LUBRICATION SYSTEM

Wet sump engine with standard Ford oil pump and filter but fitted with high rate oil pressure relief valve spring.

IGNITION SYSTEM

Coil Ignition firing order : 1342.
Centrifugal ignition advance, giving 24° (crankshaft advance).
Standard contact breaker points 18-24 oz. spring.
Static Ignition setting 14° B.T.D.C.) This may be changed during
Contact breaker gap .012") dynamometer running.