CAMSHAFT

Marking/max. lift heigt B 20 A	A/6.0 mm (0.24″)
B 20 B	C/6.7 mm (0.26″)
B 20 E and B 20 F	D/7.2 mm (0.28″)
Number of bearings	3
Radial clearance	0.020—0.075 mm (0.0008—0.0030″)
End float	0.020—0.060 mm (0.0008—0.0024″)
Valve clearance for control of camshaft setting (cold engine),	
B 20 A	1.10 mm (0.043″)
B 20 B	1.45 mm (0.057″)
B 20 E and B 20 F	1.40 mm (0.055″)
Inlet valve should then open at, B 20 A	10° (A T D C)
B 20 B	0° (T D C)
B 20 E and B 20 F	5.5° (B T D C)

TIMING GEARS

Backlash	0.04—0.08 mm (0.0016—0.0032″)
End float, camshaft	0.02—0.06 mm (0.0008—0.0024″)

VALVE SYSTEM

VALVES

Inlet

Disc diameter	44 mm (1.732″)
Stem diameter	7.955—7.970 mm (0.3132—0.3138″)
Valve seat angle	44.5°
Seat angle in cylinder head	45°
Seat width in cylinder head	2 mm (0.080″)
Clearance, both hot and cold engine, B 20 A, B 20 E and B 20 F	0.40—0.45 mm (0.016—0.018″)
B 20 B	0.50—0.55 mm (0.020—0.022″)

Exhaust

Disc diameter	35 mm (1.378″)
Stem diameter	7.925—7.940 mm (0.3120—0.3126″)
Valve seat angle	44.5°
Seat angle in cylinder head	45°
Seat width in cylinder head	2 mm (0.080″)
Clearance, both hot and cold engine, B 20 A, B 20 E and B 20 F	0.40—0.45 mm (0.016—0.018″)
B 20 B	0.50—0.55 mm (0.020—0.022″)

VALVE GUIDES

Length, inlet valve	52 mm (2.047″)
exhaust valve	59 mm (2.323″)
Inner diameter	8.000—8.022 mm (0.320—0.321″)
Height above upper face of cylinder head, B 20 A and B 20 B	17.5 mm (0.689″)
B 20 E and B 20 F	17.9 (0.705″)
Clearance, valve stem-valve guide, inlet valve	0.030—0.068 mm (0.0012—0.0026″)
exhaust valve	0.060—0.097 mm (0.0024—0.0038″)

VALVE SPRINGS

Length unloaded, approx.	46 mm (1.81″)
with a loading of 295±23 N (65±5 lb)	40 mm (1.57″)
with a loading of 825±43 N (181.5±9.5 lb)	30 mm (1.18″)

LUBRICATING SYSTEM

Oil capacity, including oil filter	3.75 dm^3 (3.3 Imp. qts = 3.9 US qts)
excluding oil filter	3.25 dm^3 (2.8 Imp. qts = 3.4 US qts)
Oil pressure at 33.3 r/s (2000 r/m) (with hot engine and new oil filter)	2.5—6.0 kp/cm^2 (36—85 p s i)