|  |  |
| --- | --- |
| Engine Ref | **MM-MZR06** |
| Bore | 87.5 |
| Stroke | 83.1 |
| Displacement | 1,999cc |
| Head Skim (thou) | 5 |
| Block Deck (thou) | 15 |

Piston to Valve Clearance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cylinder No | 1 | 2 | 3 | 4 |
| Head Gasket Thickness |  |  |  |  |
| Piston to Deck Height |  |  |  |  |
| Total Clearance Inlet |  |  |  |  |
| Total Clearance Exhaust |  |  |  |  |

Main Bearing Clearance

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Journal No | 1 | 2 | 3 | 4 | 5 |
| Clearance (thou) | 0.038 | 0.038 | 0.038 | 0.038 | 0.040 |
| Crankshaft end-play | 0.30mm |  |  |  |  |

Big End Bearing Clearance

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Journal No | 1 | 2 | 3 | 4 |
| Bearing I.D |  |  |  |  |
| Journal O.D |  |  |  |  |
| Clearance (thou) |  |  |  |  |
| Side Clearance |  |  |  |  |

Piston Rings

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Cylinder No. | 1 | 2 | 3 | 4 |
| End Gap |  |  |  |  |
| Top |  |  |  |  |
| Second |  |  |  |  |
| Oil |  |  |  |  |
| Side Clearance |  |  |  |  |
| Top |  |  |  |  |
| Second |  |  |  |  |
| Oil |  |  |  |  |

Camshaft - Intake

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cylinder | 1 | | 2 | | 3 | | 4 | |
| Valve | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Lobe Height |  |  |  |  |  |  |  |  |
| Lobe Lift |  |  |  |  |  |  |  |  |
| Bucket |  |  |  |  |  |  |  |  |
| Clearance |  |  |  |  |  |  |  |  |
| Net Lift |  |  |  |  |  |  |  |  |

Camshaft – Exhaust

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Cylinder | 1 | | 2 | | 3 | | 4 | |
| Valve | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| Lobe Height |  |  |  |  |  |  |  |  |
| Lobe Lift |  |  |  |  |  |  |  |  |
| Bucket |  |  |  |  |  |  |  |  |
| Clearance |  |  |  |  |  |  |  |  |
| Net Lift |  |  |  |  |  |  |  |  |