# FUEL SYSTEM

| | | | |
|---|---|---|---|
| Carburetor | | | Part No. |
| | 1RZ Europe, Gulf Countries, Singapore (M/T) | | 21100-75020 |
| | 1RZ General | | 21100-75030 |
| | 2RZ | | 21100-75040 |
| | 1RZ Europe, Singapore (A/T) | | 21100-75050 |
| | 1RZ China | | 21100-75060 |
| | Float level | | |
| | Raised, position | | 10.2 mm 0.402 in. |
| | Lowered position | | 47.1 mm 1.854 in. |
| | Throttle valve closed angle | Primary | |
| | | Secondary | |
| | Throttle valve opening angle | Primary | 90° from horizontal plane |
| | | Secondary | 89° from horizontal plane |
| | Kick-up clearance | | 0.35 – 0.55 mm 0.0138 – 0.0217 in. |
| | Secondary touch angle | | 67 – 71° from horizontal plane |
| | Fast idle angle | 1RZ | 20 – 22° from horizontal plane |
| | | 2RZ | 21 – 23° from horizontal plane |
| | Unloader angle | | 38 – 42° from horizontal plane |
| | Choke breaker opening angle | | |
| | Single diaphragm type | | |
| | 1RZ General, China | | 39 – 41° from horizontal plane |
| | 2RZ | | 41 – 43° from horizontal plane |
| | Double diaphragm type | 1st | 37 – 39° from horizontal plane |
| | | 2nd | 58 – 62° from horizontal plane |
| | Idle speed angle pre-setting | 1RZ | 13° from horizontal plane |
| | | 2RZ | 14° from horizontal plane |
| | Dash pot pre-setting | 1RZ | 19 – 21° from horizontal plane |
| | | | 20 – 22° from horizontal plane |
| | Choke heater resistance | at 20°C (68°F) | 17 – 19 Ω |
| | OVCV resistance | at 20°C (68°F) | 63 – 73 Ω |

# COOLING SYSTEM

## Specifications

| | | | |
|---|---|---|---|
| Radiator | Relief valve opening pressure | STD | 0.75 – 1.05 kg/cm$^2$ (10.7 – 14.9 psi, 74 – 103 kPa) |
| | | Limit | 0.6 kg/cm$^2$ (8.5 psi, 59 kPa) |
| Thermostat | Valve opening temperature | | 80 – 84°C |
| | Valve lift | at 95°C (203°F) | 8 mm (0.31 in.) or more |