

ENGINE MAIN SPECIFICATION

VEHICLE TYPE		E-FK10
ENGINE TYPE		MA10ET
TOTAL EMISSION	(cc)	987
COMBUSTION CHAMBER TYPE		Hemispherical shape
VALVE ARRANGEMENT		OHC (belt driven)
BORE & STROKE	(mm)	68.0 x 68.0
COMPRESSION RATIO		8.0
COMPRESSION PRESSURE	(kg/cm ²) / (rpm)	11.2/ 350
MAXIMUM OUTPUT (NET)	(ps/rpm)	76/ 6000
MAXIMUM TORQUE (NET)	(kg-m/rpm)	10.8/ 4400
FUEL CONSUMPTION RATIO	(g/ps-h) / (rpm)	235/ 2000
ENGINE DIMENSION (L - W - H)	(mm)	640 x 575 x 635
VALVE TIMING	INTAKE VALVE OPEN (Before TDC) (°C)	3
	INTAKE VALVE CLOSED (After bottom dead centre) (°C)	45
	EXHAUST VALVE OPEN (Before TDC) (°C)	51
	EXHAUST VALVE CLOSED (After bottom dead centre) (°C)	-3
VALVE CLEARANCE	INTAKE (when warm)	0.25
	EXHAUST (when warm)	0.30
IDLE SPEED	(rpm)	850 (N range)
IGNITION TIMING	(BTDC° / rpm)	15 / 850
MAINTENANCE TARGET	Carbon monoxide concentration when idling	0.1 or below
	Hydrocarbon concentration when idling	50 or below
ENGINE OIL (factory setting)	(STANDARD)	7.5 W - 30 (SG category)
	(COLD CLIMATE SETTING)	7.5 W - 30 (SG category)
OIL SUMP CAPACITY (H level)	(L)	3.0
OIL FILTER CAPACITY	(L)	approx. 0.2
COOLANT CAPACITY	(L)	approx. 4

Nissan genuine engine oil 'Turbo X 7.5 W - 30 (SG category) is recommended.

Note: weight in working order: approx. 87 kg