



Engine Make:	Engine Model:	Part Number:
TOYOTA	4A-GE, 20 VALVE	194-C
Valve Clearance:	Intake: 0.25mm Set COLD at the CAM	
	Exhaust: 0.30mm Set COLD at the CAM	
Cam Lift:	Intake: 9.55mm	Exhaust: 8.80mm
Rocker Ratio:	Intake: 1	Exhaust: 1
Nett Valve Lift:	Intake: 9.30mm	Exhaust: 8.50mm
Advertised Duration @ 0.10mm	Intake: 284	Exhaust: 278
Duration @ 1.00mm VALVE LIFT	Intake: 248	Exhaust: 242
Timing @ 1.00mm VALVE LIFT	IVO: 19 BTDC	EVO 46 BBDC
	IVC: 49 ABDC	EVC 16 ATDC
	Intake: 105 ATDC	Exhaust: 105 BTDC
	Intake: 2.68mm	Exhaust: 2.52

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