



Engine Make:	Engine Model:	Part Number:
TOYOTA	4A-GE 16v	193-T

Valve Clearance:	Intake:	0.25mm	Set	COLD	at the	CAM
	Exhaust:	0.30mm	Set	COLD	at the	CAM

Cam Lift:	Intake:	8.50mm	Exhaust:	8.55mm
Rocker Ratio:	Intake:	1	Exhaust:	1
Nett Valve Lift:	Intake:	8.25mm	Exhaust:	8.25mm
Advertised Duration @ 0.30mm	Intake:	262	Exhaust:	266
Duration @ 1.00mm VALVE LIFT	Intake:	220	Exhaust:	226
Timing @ 1.00mm VALVE LIFT	IVO:	2 BTDC	EVO	49 BBDC
	IVC:	38 ABDC	EVC	3 BTDC
	Intake:	108 ATDC	Exhaust:	116 BTDC
	Intake:	1.19mm	Exhaust:	0.73

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