



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

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

Cam Lift:	Intake: 9.77mm	Exhaust: 9.45mm
Rocker Ratio:	Intake: 1	Exhaust: 1
Nett Valve Lift:	Intake: 9.52mm	Exhaust: 9.15mm
Advertised Duration @ 0.30mm	Intake: 298	Exhaust: 288
Duration @ 1.00mm VALVE LIFT	Intake: 254	Exhaust: 244
Timing @ 1.00mm VALVE LIFT	IVO: 27 BTDC	EVO 46 BBDC
	IVC: 47 ABDC	EVC 18 ATDC
	Intake: 100 ATDC	Exhaust: 104 BTDC
	Intake: 3.56mm	Exhaust: 2.80

www.kelfordcams.com

sales@kelfordcams.com