

7100212

hot street - dirt track

Toyota 1NZ-FE

I-4cyl 1.5L 16v DOHC (DTx/DTx)



camshaft data:

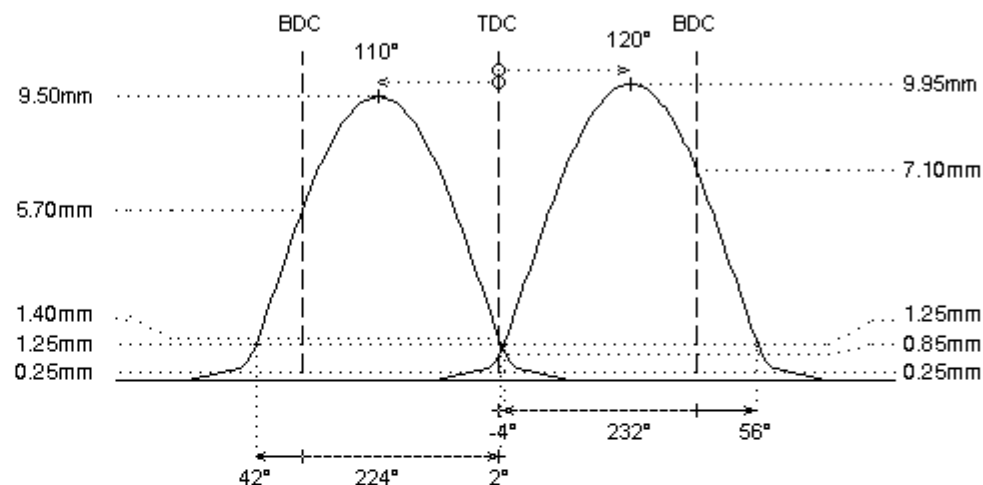
	intake	exhaust
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 278°	270°
duration @ 1.0mm	: 232°	224°
valve lift	: 9.95mm	9.50mm
cam lift	: 9.95mm	9.50mm
lobe angle	: 120°	110°
timing @ 1.0mm	: -4° / 56°	42° / 2°
valve lift @ TDC	: 0.85mm	1.40mm

parts setup:

cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99578/s	: 99578/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E99864	: PAC-E99864
interior spring	:	:

fitted load / length	: 20kg @ 33.5mm	: 20kg @ 33.5mm
max. load / lift	: 54kg @ 12.5mm	: 54kg @ 12.5mm

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- # machining of cylinder head can be required at camlobes
- # check distance between valve seal and retainer to be at least 0.6mm at full lift
- # VVT reprogramming, operating range adjustment or even eliminating the VVT system should be considered for camshafts with increased duration
- # Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors