

7900528

hot street - dirt track

Volvo B234

I-4cyl 2.3L 16v DOHC (DTH/DTH)



intake

exhaust

camshaft data:

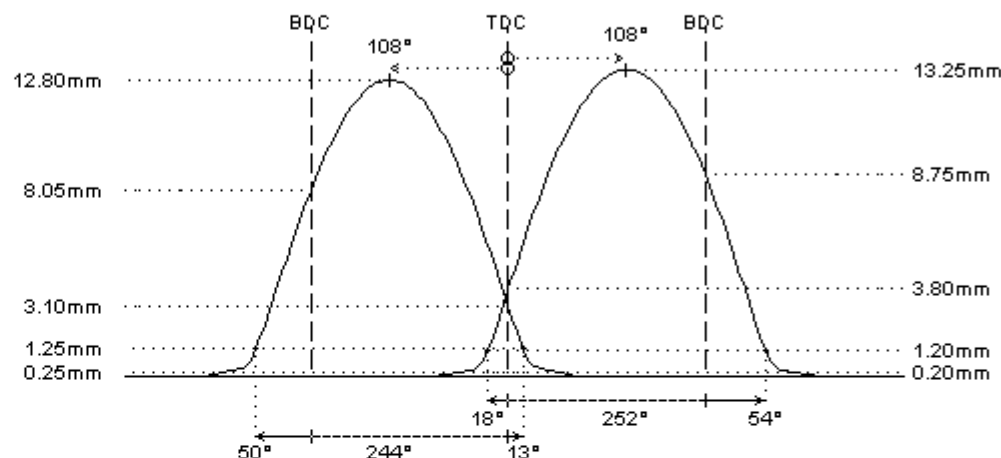
lash ramp	: 0.20mm	0.25mm
duration @ 0.1mm	: 286°	279°
duration @ 1.0mm	: 252°	243°
valve lift	: 13.25mm	12.80mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 18° / 54°	50° / 13°
valve lift @ TDC	: 3.80mm	3.10mm

parts setup:

cam wheels :	CTVO023	CTVO023
follower :	CC005	CC005
valve lash :	TS102	TS102
valve :	O.E.M.	O.E.M.
valve locks :	O.E.M.	O.E.M.
upper retainer :	99322/s	99322/s
lower retainer :	99475/O	99475/O
exterior spring :	PAC-E95009	PAC-E95009
interior spring :	PAC-I95009	PAC-I95009

fitted load / length	: 35kg @ 35.0mm	: 37kg @ 34.5mm
max. load / lift	: 115kg @ 14.5mm	: 115kg @ 14.0mm

REMARKS :



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- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafts must turn smooth in the cylinderhead, provide free travel by machining where needed
 - distance between valve seal and retainer at full lift must be 0.6mm at least
 - minimum valve spring travel of 1.0mm at full lift must be provided
 - distance between valve and piston 1.0mm (pref. 1.5mm). check 5-15° before TDC on exhaust, and after TDC on intake
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors