

7900526

turbo conversion

Volvo B234

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



intake

exhaust

camshaft data:

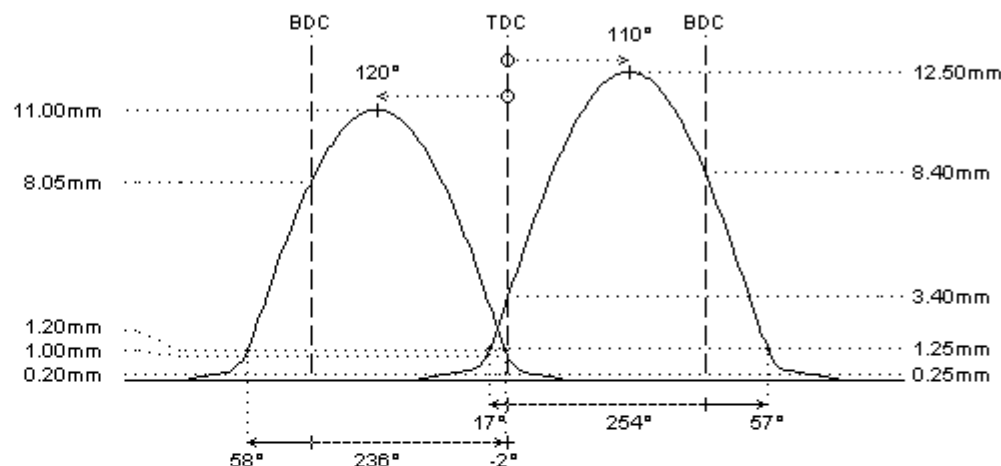
lash ramp	: 0.25mm	0.20mm
duration @ 0.1mm	: 301°	274°
duration @ 1.0mm	: 254°	236°
valve lift	: 12.50mm	11.00mm
cam lift	:	
lobe angle	: 110°	120°
timing @ 1.0mm	: 17° / 57°	58° / -2°
valve lift @ TDC	: 3.40mm	1.00mm

parts setup:

cam wheels :	: CTV0023	: CTV0023
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 :



REMARKS :

- # 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
- # for TURBO conversion (atmospheric to turbo)