

# 7900529

hot street - dirt track

Volvo B234

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



### intake

### exhaust

#### camshaft data:

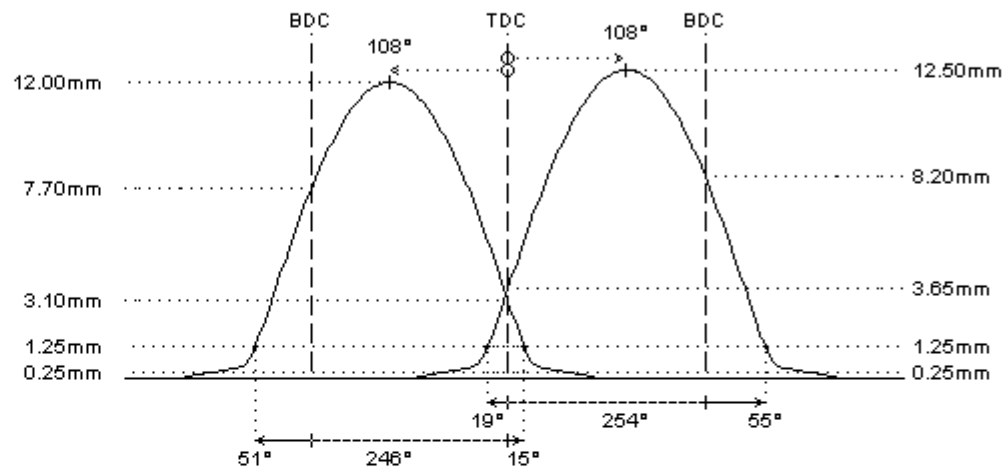
|                  |             |           |
|------------------|-------------|-----------|
| lash ramp        | : 0.25mm    | 0.25mm    |
| duration @ 0.1mm | : 301°      | 293°      |
| duration @ 1.0mm | : 254°      | 246°      |
| valve lift       | : 12.50mm   | 12.00mm   |
| cam lift         | :           |           |
| lobe angle       | : 108°      | 108°      |
| timing @ 1.0mm   | : 19° / 55° | 51° / 15° |
| valve lift @ TDC | : 3.65mm    | 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       | : 99475       |
| 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