

# 4600894

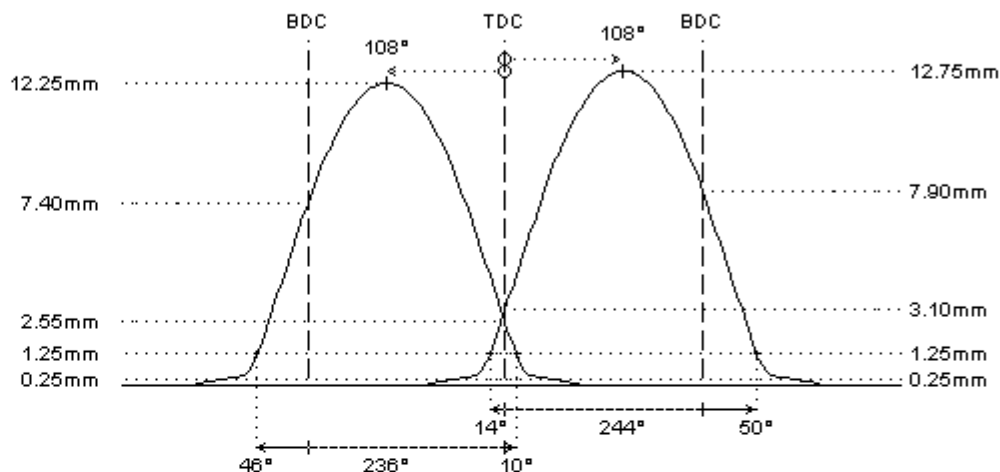
hot street - dirt track

Opel C20XE with distributor

I-4cyl 2.0L 16v DOHC (DTH/DTH)



|                       | intake           | exhaust          |
|-----------------------|------------------|------------------|
| <b>camshaft data:</b> |                  |                  |
| lash ramp             | : 0.25mm         | 0.25mm           |
| duration @ 0.1mm      | : 277°           | 269°             |
| duration @ 1.0mm      | : 244°           | 236°             |
| valve lift            | : 12.75mm        | 12.25mm          |
| cam lift              | :                |                  |
| lobe angle            | : 108°           | 108°             |
| timing @ 1.0mm        | : 14° / 50°      | 46° / 10°        |
| valve lift @ TDC      | : 3.10mm         | 2.55mm           |
| <b>parts setup:</b>   |                  |                  |
| cam wheels :          | CSK5058          | CSK5058          |
| follower              | CC004            | CC004            |
| valve lash            | TS102            | TS102            |
| valve                 | : O.E.M.         | : O.E.M.         |
| valve locks           | : O.E.M.         | : O.E.M.         |
| upper retainer        | 99341            | 99341            |
| lower retainer        | remove           | remove           |
| exterior spring       | PAC-E12009       | PAC-E12009       |
| interior spring       | PAC-I12009       | PAC-I12009       |
| fitted load / length  | : 32kg @ 33.5mm  | : 32kg @ 33.5mm  |
| max. load / lift      | : 102kg @ 14.0mm | : 102kg @ 14.0mm |



### REMARKS :

- # - profiles for conversion to mechanic race cam followers
- camshafts available in cast iron or optional gundrilled steel billet (short competition version without distributor drive end)
- # 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

### REMARKS :

- # replace OEM lower retainer to obtain a correct installation / fitted length (currently not available)