

4601407

tarmac rally - race

Opel C30SE 197hp

I-6cyl 3.0L 24v DOHC (DTH/DTH)



intake

exhaust

camshaft data:

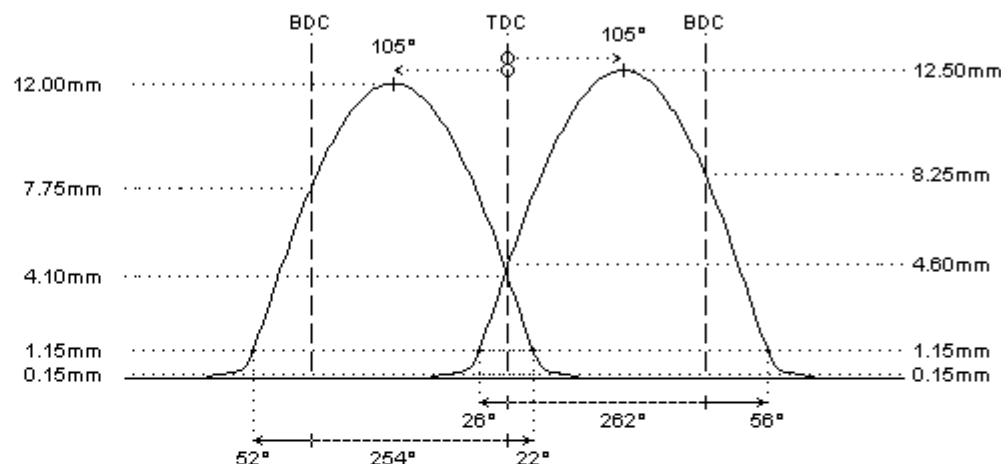
lash ramp	: 0.15mm	0.15mm
duration @ 0.1mm	: 295°	287°
duration @ 1.0mm	: 262°	254°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 26° / 56°	52° / 22°
valve lift @ TDC	: 4.60mm	4.10mm

parts setup:

cam wheels :	:	:
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-E92009	: PAC-E92009
interior spring	: PAC-I92009	: PAC-I92009
fitted load / length	: 32kg @ 34.0mm	: 32kg @ 34.0mm
max. load / lift	: 112kg @ 16.0mm	: 112kg @ 16.0mm

REMARKS :

- # remove std lower retainer and use solid shims to adjust spring load (1.5mm approx.)



REMARKS :

- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !
- # 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 carburettors