

4600643

tarmac rally - race

Opel OHC big block (1.6 > 2.0L)

I-4cyl 2.0L 8v SOHC (RPH/RPH)



intake

exhaust

camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 309°	309°
duration @ 1.0mm	: 271°	271°
valve lift	: 12.10mm	12.10mm
cam lift	: 7.15mm	7.15mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 30° / 61°	61° / 30°
valve lift @ TDC	: 5.25mm	5.25mm

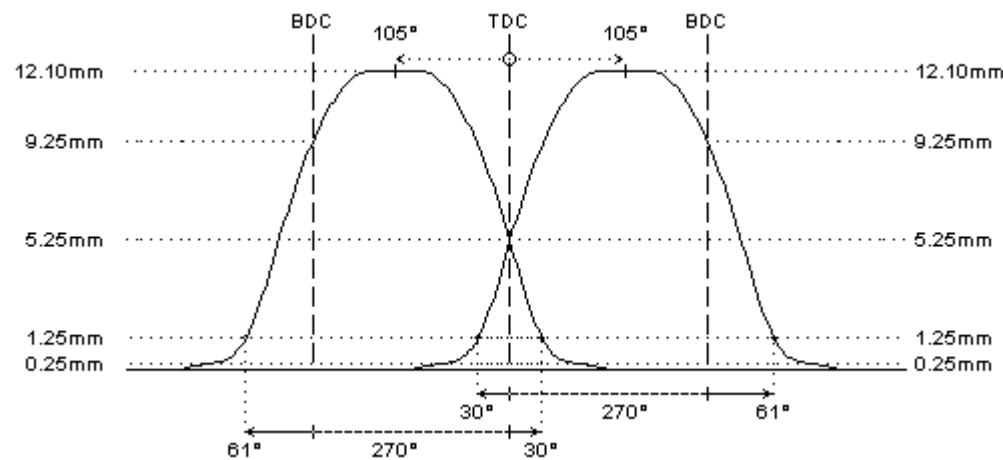
parts setup:

cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: CC081	: CC081
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: not available	: not available
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

Many different valve spring setups have been used in these engines.
In most cases, the std spring can be replaced by **PAC-S99008** or **PAC-S99010** (check diameter). Please contact Cat Cams if a different setup must be used due to fitting, coil bind or valve float



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
- # FLAT NOSE cam design