

4601306

sport

Opel C30SE

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



intake

exhaust

camshaft data:

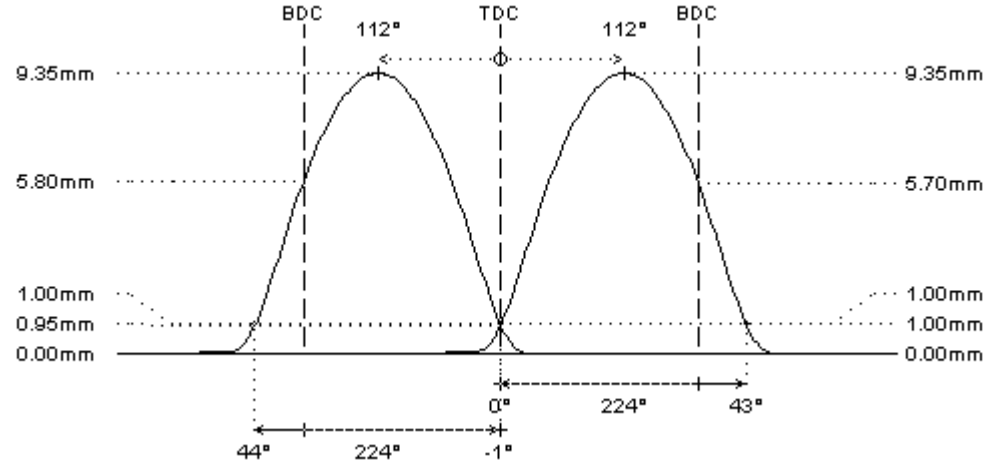
lash ramp	: hydro	hydro
duration @ 0.1mm	: 261°	261°
duration @ 1.0mm	: 223°	223°
valve lift	: 9.35mm	9.35mm
cam lift	:	
lobe angle	: 112°	112°
timing @ 1.0mm	: -0° / 43°	44° / -1°
valve lift @ TDC	: 1.00mm	0.95mm

parts setup:

cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
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	: O.E.M.	: O.E.M.
interior spring	:	:

fitted load / length	: 28kg @ 33.8mm	: 28kg @ 33.8mm
max. load / lift	: 72kg @ 10.5mm	: 72kg @ 10.5mm

REMARKS :



REMARKS :

4601309

hot street - dirt track

Opel C30SE

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



intake

exhaust

camshaft data:

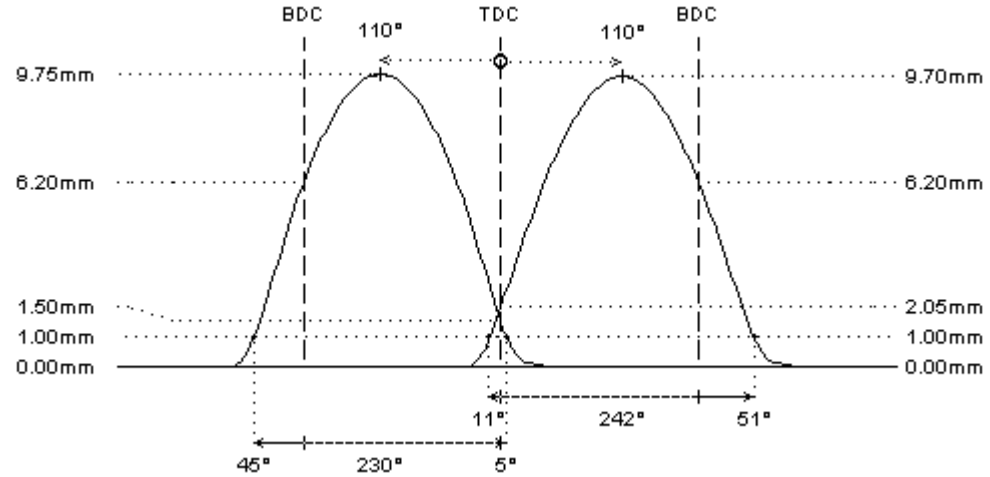
lash ramp	: hydro	hydro
duration @ 0.1mm	: 282°	271°
duration @ 1.0mm	: 242°	230°
valve lift	: 9.70mm	9.75mm
cam lift	:	
lobe angle	: 110°	110°
timing @ 1.0mm	: 11° / 51°	45° / 5°
valve lift @ TDC	: 2.05mm	1.50mm

parts setup:

cam wheels :	:	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
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	: O.E.M.	: O.E.M.
interior spring	:	:

fitted load / length	: 28kg @ 33.8mm	: 28kg @ 33.8mm
max. load / lift	: 72kg @ 10.5mm	: 72kg @ 10.5mm

REMARKS :



REMARKS :

ONLY for dirt track applications and pro street use with adjustable engine management or carburetors

4601407

tarmac rally - race

Opel C30SE

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



intake **exhaust**

camshaft data:

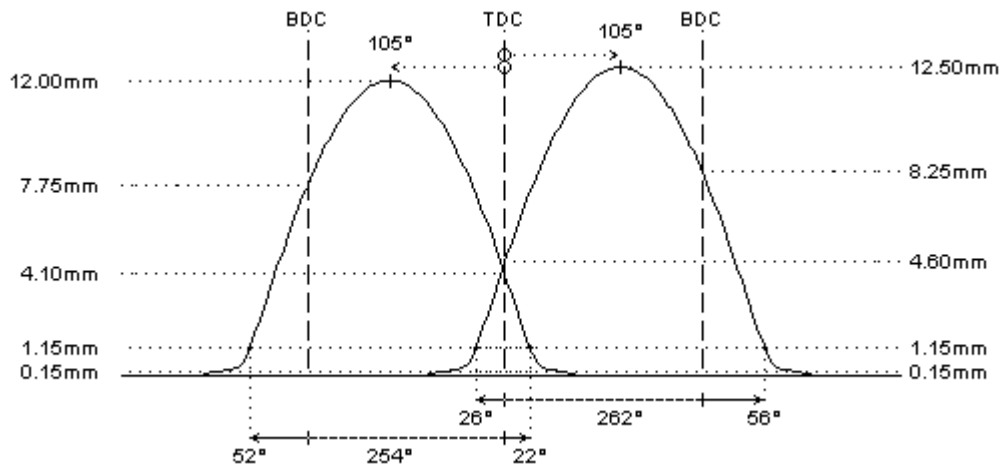
lash ramp	: 0.15mm	0.15mm
duration @ 0.1mm	: 295°	287°
duration @ 1.0mm	: 262°	254°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 26° / 56°	52° / 22°
valve lift @ TDC	: 4.60mm	4.10mm

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	: 30kg @ 34.0mm	: 30kg @ 34.0mm
max. load / lift	: 92kg @ 12.5mm	: 92kg @ 12.5mm

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. these can have different shapes according the application:
 - plates available in different diameters and thickness
 - cups for different valve stem diameters. these center on either tappet or valve stem
 - other specific shapes available on request
- # 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