4600444

full race

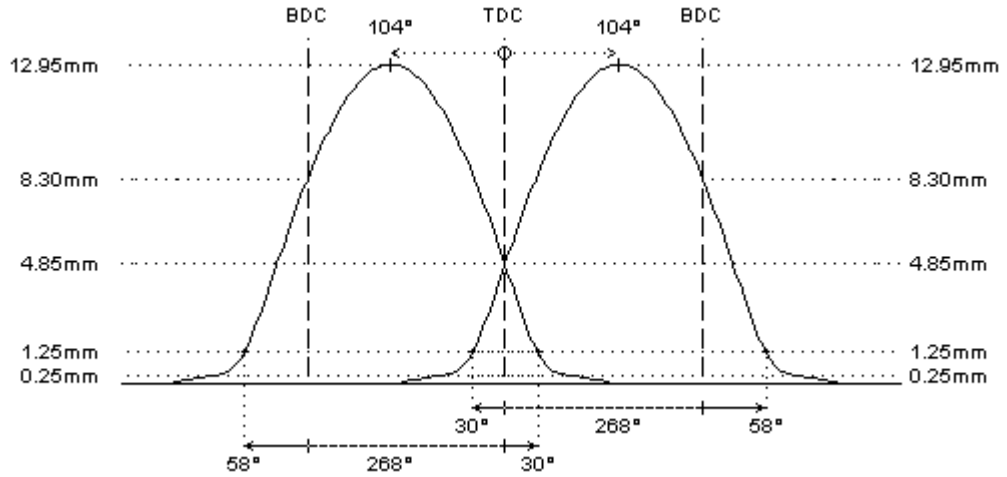
Opel OHC small block (1.2 > 1.6L)

I-4cyl 1.6L 8v SOHC (RPH/RPH)

	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 316°	316°
duration @ 1.0mm	: 268°	268°
valve lift	: 12.95mm	12.95mm
cam lift	: 7.20mm	7.20mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 30° / 58°	58° / 30°
valve lift @ TDC	: 4.85mm	4.85mm
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-S99863**. 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 camshafs 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