

4602916

turbo conversion

Opel X20XEV big block ecotec (X18XEV-2.0L-2.2L)

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



intake

exhaust

camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 275°	259°
duration @ 1.0mm	: 237°	218°
valve lift	: 11.15mm	10.20mm
cam lift	:	
lobe angle	: 110°	120°
timing @ 1.0mm	: 9° / 48°	50° / -12°
valve lift @ TDC	: 2.05mm	0.25mm

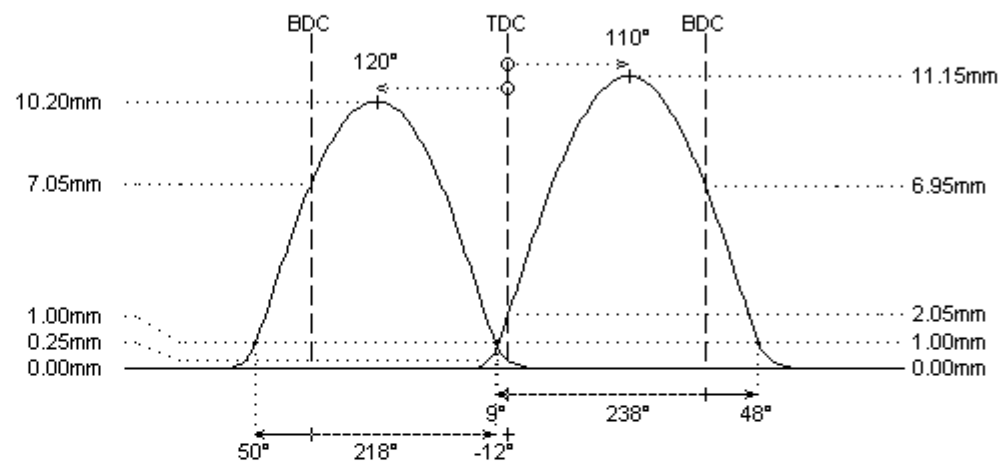
parts setup:

cam wheels :	: CTOPK02	: CTOPK02
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	: PAC-S90019	: PAC-S90019
interior spring	:	

fitted load / length	: 35kg @ 34.5mm	: 35kg @ 34.5mm
max. load / lift	: 82kg @ 12.0mm	: 82kg @ 12.0mm

REMARKS :

check distance between valve seal and retainer to be at least 0.6mm at full lift



REMARKS :

- # - camshafts for use in X18XEV-2.0L-2.2L long block 'ecotec' engines
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors
- # - For use with std ecu use adjustable cam pulley set CTOPK02 with sensor ring for OEM sensor pickup on intake cam pulley
- For standalone ecu applications use pulley set CTOPK01 without sensor ring