

# 4602932

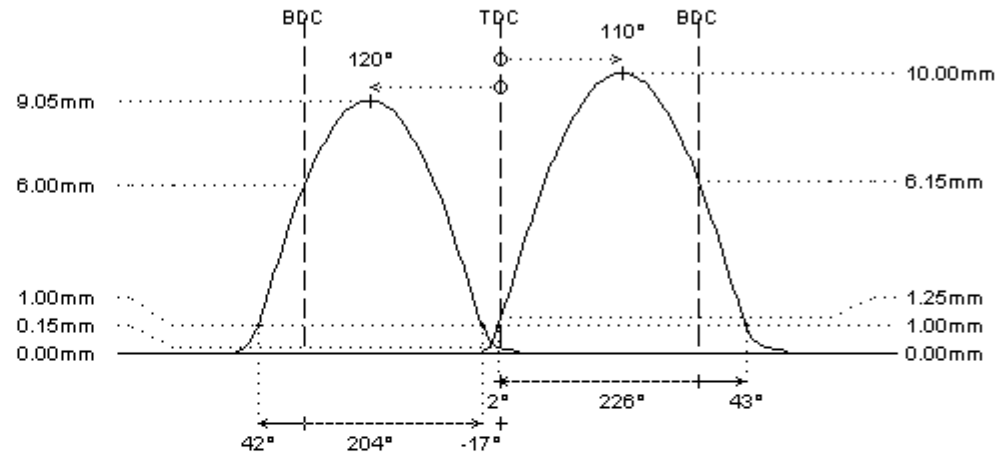
turbo conversion

Opel X20XE big block ecotec (X18XE-2.0L-2.2L)

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



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 269°	247°
duration @ 1.0mm	: 225°	205°
valve lift	: 10.00mm	9.05mm
cam lift	:	
lobe angle	: 110°	120°
timing @ 1.0mm	: 2° / 43°	42° / -17°
valve lift @ TDC	: 1.25mm	0.15mm
<b>parts setup:</b>		
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	: O.E.M.	: O.E.M.
interior spring	:	
fitted load / length	: 27kg @ 34.5mm	: 27kg @ 34.5mm
max. load / lift	: 59kg @ 11.0mm	: 59kg @ 11.0mm



### REMARKS :

- # - camshafts for use in X18XE-2.0L-2.2L long block 'ecotec' engines
- # for TURBO conversion (atmospheric to turbo)
- # - 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

### REMARKS :