

O.E.M.

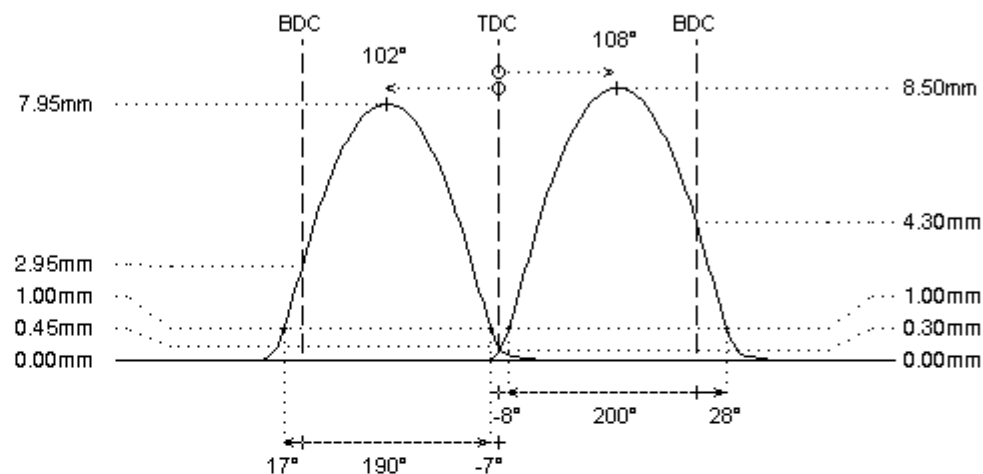
Opel X16XEL small block ecotec (1.4L-1.6L-X18XE1-Z18XE)

I-4cyl 1.6L 16v DOHC (DTH/DTH)



	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 242°	233°
duration @ 1.0mm	: 200°	190°
valve lift	: 8.50mm	7.95mm
cam lift	:	
lobe angle	: 108°	102°
timing @ 1.0mm	: -8° / 28°	17° / -7°
valve lift @ TDC	: 0.30mm	0.45mm
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	: 27kg @ 0.0mm	: 27kg @ 0.0mm
max. load / lift	: 60kg @ 10.0mm	: 60kg @ 10.0mm

REMARKS :



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- # - camshafts for use in 1.4L-1.6L-X18XE1-Z18XE short block 'ecotec' engines
- CAUTION: Opel has fitted different types of sprockets and camshafts with different dowel pin positions and cam lobes. Therefore it is required to check the std camshafts before ordering for sports applications!