

1301714

hot street - dirt track

Bmw M44 B19 138hp

I-4cyl 1.9L 16v DOHC (RPRH/RPRH)



camshaft data:

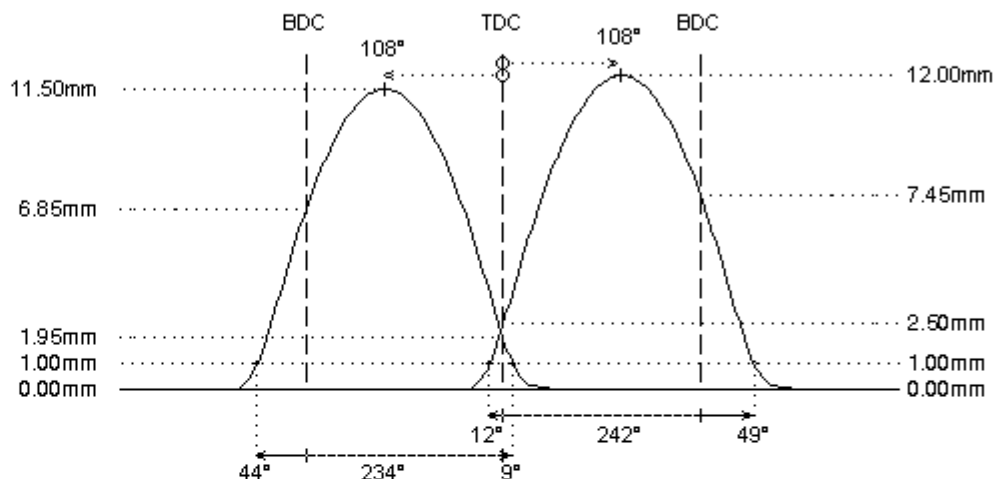
	intake	exhaust
lash ramp	: hydro	hydro
duration @ 0.1mm	: 279°	272°
duration @ 1.0mm	: 241°	233°
valve lift	: 12.00mm	11.50mm
cam lift	: 7.30mm	6.95mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 12° / 49°	44° / 9°
valve lift @ TDC	: 2.50mm	1.95mm

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 :	99468/s	99468/s
lower retainer :	O.E.M.	O.E.M.
exterior spring :	PAC-S99843	PAC-S99843
interior spring :		

fitted load / length	: 40kg @ 36.3mm	: 40kg @ 36.3mm
max. load / lift	: 91kg @ 12.0mm	: 91kg @ 12.0mm

REMARKS :



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- # 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 dirt track applications and pro street use with adjustable engine management or carburetors