

1301415

hot street - dirt track

Bmw M42

I-4cyl 1.8L 16v DOHC (DTH/DTH)



intake

exhaust

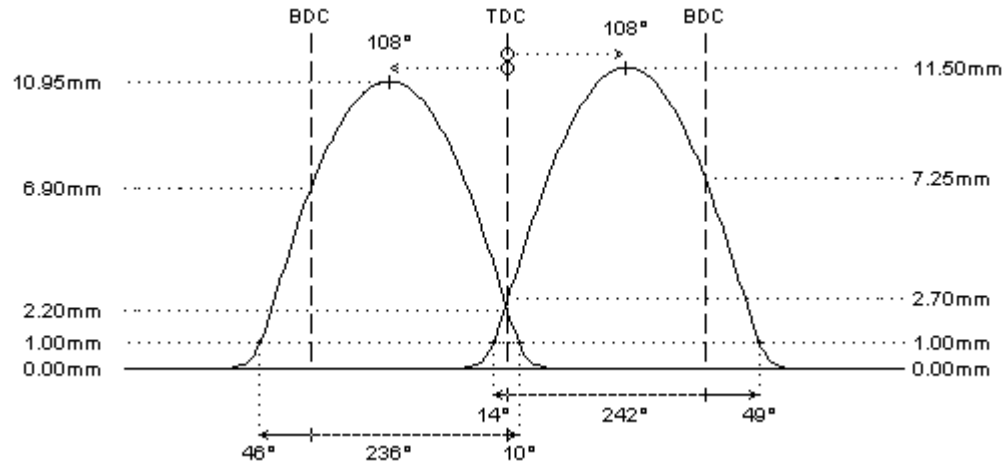
camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 279°	274°
duration @ 1.0mm	: 243°	236°
valve lift	: 11.50mm	10.95mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 14° / 49°	46° / 10°
valve lift @ TDC	: 2.70mm	2.20mm

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	: 99122/s	: 99122/s
lower retainer	: 99452/S	: 99452/S
exterior spring	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 41kg @ 34.5mm	: 41kg @ 34.5mm
max. load / lift	: 118kg @ 14.0mm	: 118kg @ 14.0mm

REMARKS :



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- # - steel billet camshafts
- gundrilled for weight reduction
- # 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