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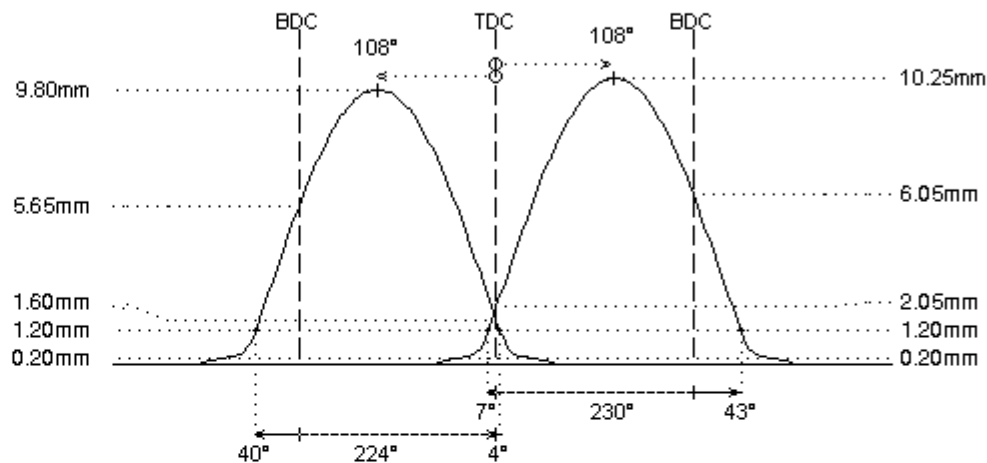
hot street - dirt track

Hyundai G4GF Beta 2

I-4cyl 2.0L 16v DOHC



	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 260°	256°
duration @ 1.0mm	: 230°	224°
valve lift	: 10.25mm	9.80mm
cam lift	: 10.25mm	9.80mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 7° / 43°	40° / 4°
valve lift @ TDC	: 2.05mm	1.60mm
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	: PAC-S90019	: PAC-S90019
interior spring		
fitted load / length	: 25kg @ 37.2mm	: 28kg @ 36.5mm
max. load / lift	: 71kg @ 12.0mm	: 74kg @ 12.0mm

REMARKS :**REMARKS :**

- # Only for G4GF Beta2 engines with mechanical cam followers with shims on top
- # 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