

2701805

tarmac rally - race

Hyundai G4GF Beta 1

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

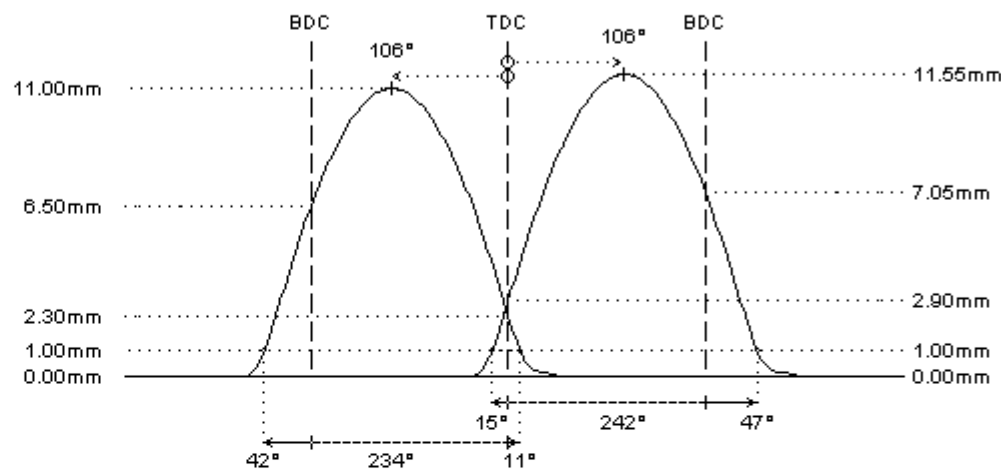
**intake****exhaust****camshaft data:**

lash ramp	: hydro	hydro
duration @ 0.1mm	: 283°	272°
duration @ 1.0mm	: 242°	233°
valve lift	: 11.55mm	11.00mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 15° / 47°	42° / 11°
valve lift @ TDC	: 2.90mm	2.30mm

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	: 27kg @ 36.5mm
max. load / lift	: 73kg @ 12.5mm	: 73kg @ 12.0mm

REMARKS :**REMARKS :**

- # Only for use in early type G4GF engines with hydraulic cam followers.
Non cvvt engine.
- # 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 use in competition engines with independent engine management (throttle position sensor) or carburetors