

2700953

hot street - dirt track

Hyundai 160hp / 230Nm

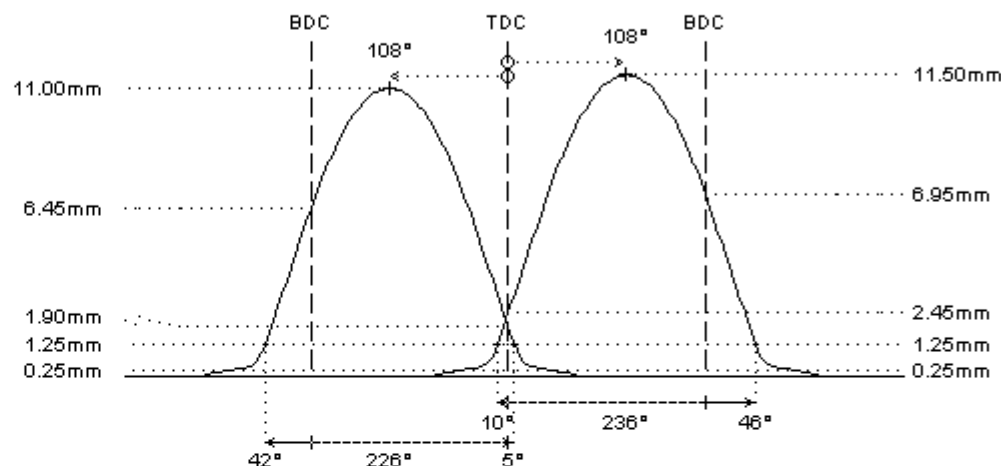
V-6cyl 2.5L 24v DOHC (DTH/DTH)

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

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 269°	260°
duration @ 1.0mm	: 236°	227°
valve lift	: 11.50mm	11.00mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 10° / 46°	42° / 5°
valve lift @ TDC	: 2.45mm	1.90mm

parts setup:

cam wheels :	:	:
follower	: CC017	: CC017
valve lash	: TS101	: TS101
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-E99862	: PAC-E99862
interior spring	:	:
fitted load / length	: 31kg @ 34.5mm	: 33kg @ 34.0mm
max. load / lift	: 85kg @ 12.5mm	: 85kg @ 12.0mm

REMARKS :**REMARKS :**

- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !
- # 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