

5500530

tarmac rally - race

Renault Alpine A110, R12 Gordini

I-4cyl 1.6L 8v OHV (FT/FT)



intake

exhaust

camshaft data:

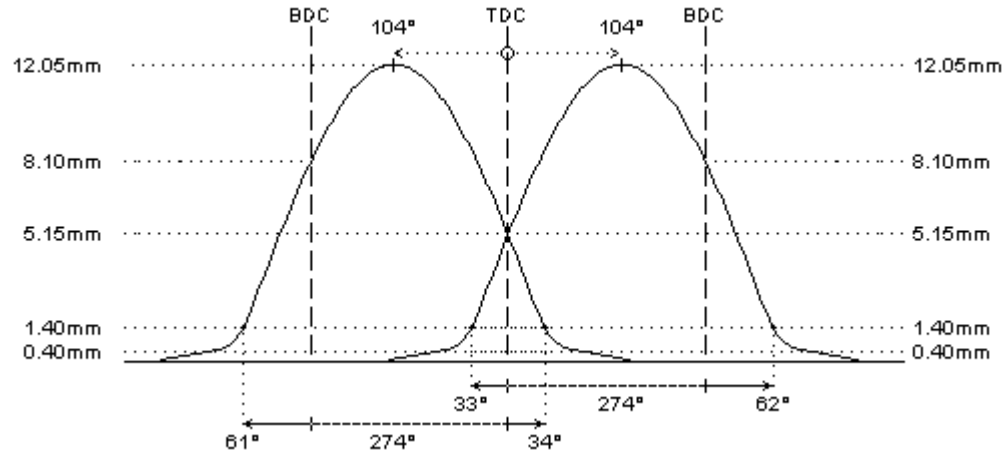
lash ramp	: 0.40mm	0.40mm
duration @ 0.1mm	: 318°	318°
duration @ 1.0mm	: 274°	274°
valve lift	: 12.05mm	12.05mm
cam lift	: 7.50mm	7.50mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 33° / 61°	61° / 33°
valve lift @ TDC	: 5.15mm	5.15mm

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	: 99368	: 99368
lower retainer	: not available	: not available
exterior spring	: PAC-E99859	: PAC-E99859
interior spring	: PAC-I99859	: PAC-I99859
fitted load / length	: 38kg @ 35.0mm	: 38kg @ 35.0mm
max. load / lift	: 109kg @ 13.0mm	: 109kg @ 13.0mm

REMARKS :

machining of cylinder head around valve boss required to fit inner spring



REMARKS :

- # - cam lobe sequence: **II-II-II-II** (crossflow head)
- total length: **519mm**
- journal diameters: 41.94 - 41.94 - 41.94 - 34.94mm - 31.94mm
- pump between cam lobe 2-3 (version with pump between cam lobe 7-8 is not available)
- available in steel billet only

- # 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 carburettors