

1032401

tarmac rally - race

Alfa Romeo

B-4cyl 1.7L 8v SOHC (DTH/DTH)



intake

exhaust

camshaft data:

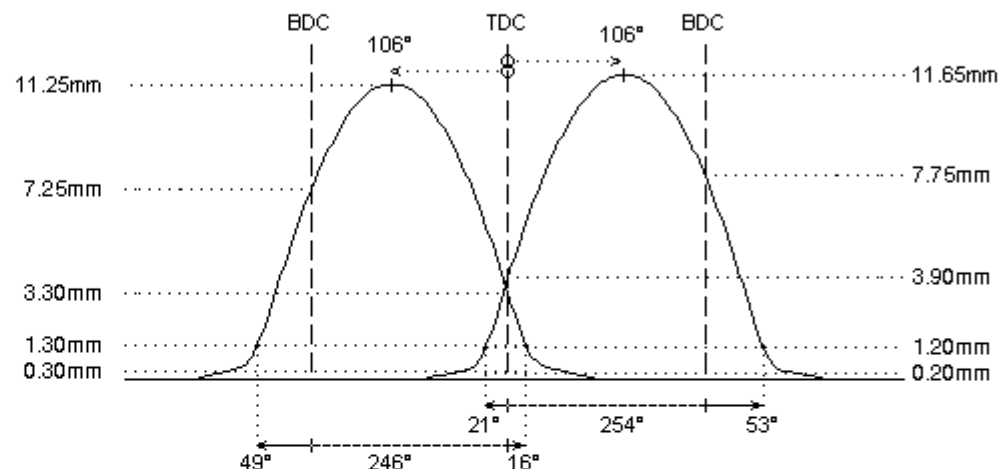
lash ramp	: 0.20mm
duration @ 0.1mm	: 294°
duration @ 1.0mm	: 254°
valve lift	: 11.65mm
cam lift	:
lobe angle	: 106°
timing @ 1.0mm	: 21° / 53°
valve lift @ TDC	: 3.90mm

0.30mm
288°
245°
11.25mm
:
106°
49° / 16°
3.30mm

parts setup:

cam wheels :	:	:
follower	: CC007	: CC007
valve lash	: TS103	: TS103
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-E95009	: PAC-E95009
interior spring	: PAC-I92009	: PAC-I92009
fitted load / length	: 38kg @ 33.8mm	: 42kg @ 32.8mm
max. load / lift	: 110kg @ 14.0mm	: 110kg @ 13.0mm

REMARKS :



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- # - steel billet camshafts
- big bearing dimensions: 34.94 - 47.94 - 49.14mm
- cam followers: hydraulic
- # - 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