

1031014

tarmac rally - race

Alfa Romeo AR33401 129hp

B-4cyl 1.7L 16v DOHC (DTH/DTH)



intake

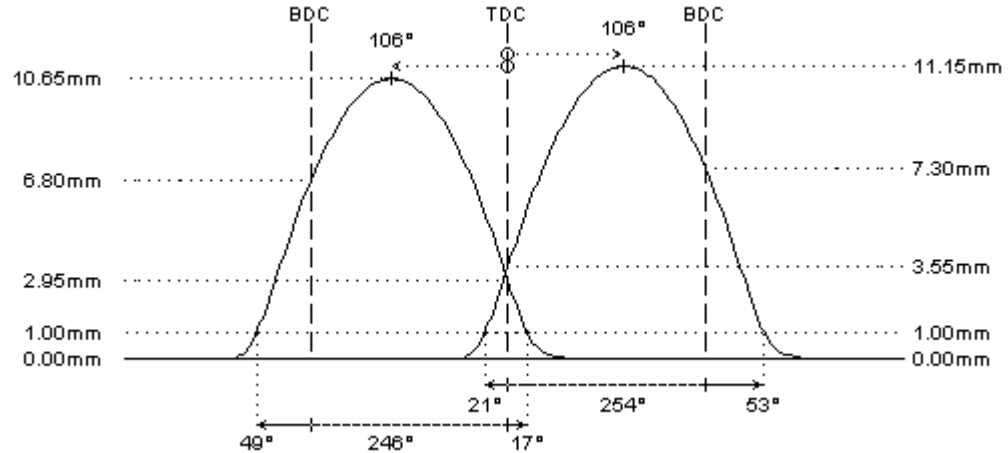
exhaust

camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 296°	286°
duration @ 1.0mm	: 254°	246°
valve lift	: 11.15mm	10.65mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 21° / 53°	49° / 17°
valve lift @ TDC	: 3.55mm	2.95mm

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	: 99371	: 99371
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E92009	: PAC-E92009
interior spring	: PAC-I99860	: PAC-I99860
fitted load / length	: 33kg @ 32.0mm	: 33kg @ 32.0mm
max. load / lift	: 102kg @ 13.0mm	: 102kg @ 13.0mm



REMARKS :

- # steel billet camshafts
- # 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

REMARKS :