

1031054

tarmac rally - race

Alfa Romeo AR33401 129hp

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



intake

exhaust

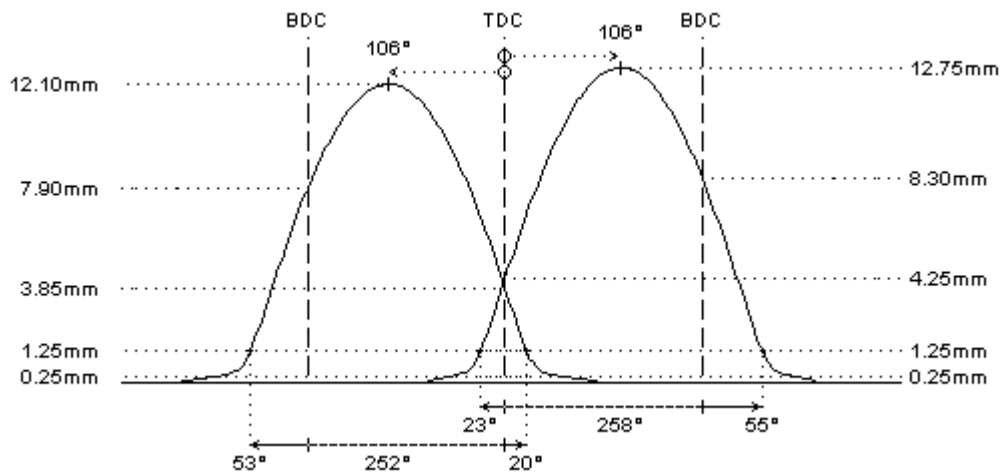
camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 293°	288°
duration @ 1.0mm	: 258°	252°
valve lift	: 12.75mm	12.10mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 23° / 55°	52° / 20°
valve lift @ TDC	: 4.20mm	3.85mm

parts setup:

cam wheels :	:	:
follower	: CC002	: CC002
valve lash	: TS102	: TS102
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 :



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- # steel billet camshafts
- # valve clearance is to be adjusted using mechanical lash caps. these can have different shapes according the application:
 - plates available in different diameters and thickness
 - cups for different valve stem diameters. these center on either tappet or valve stem
 - other specific shapes available on request
- # FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
 - the camshafs 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