

# 1031052

hot street - dirt track

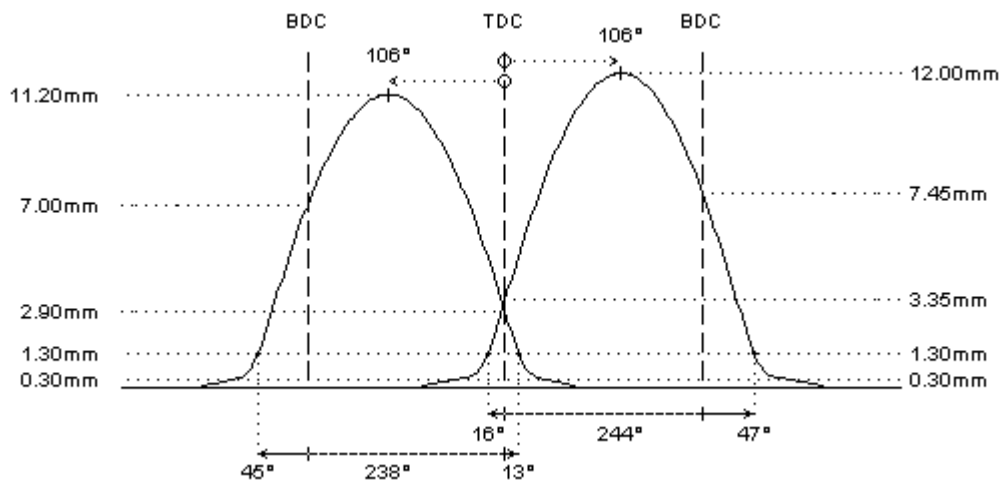
Alfa Romeo AR33401 129hp

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



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 278°	268°
duration @ 1.0mm	: 243°	238°
valve lift	: 12.00mm	11.20mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 16° / 47°	45° / 13°
valve lift @ TDC	: 3.35mm	2.90mm
<b>parts setup:</b>		
cam wheels :	:	:
follower	: <b>CC002</b>	: <b>CC002</b>
valve lash	: <b>TS102</b>	: <b>TS102</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>99371</b>	: <b>99371</b>
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: <b>PAC-E92009</b>	: <b>PAC-E92009</b>
interior spring	: <b>PAC-I99860</b>	: <b>PAC-I99860</b>
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