

# 1030962

tarmac rally - race

Alfa Romeo 220hp

V-6cyl 3.0L 24v DOHC (DTH/DTH)



## intake

## exhaust

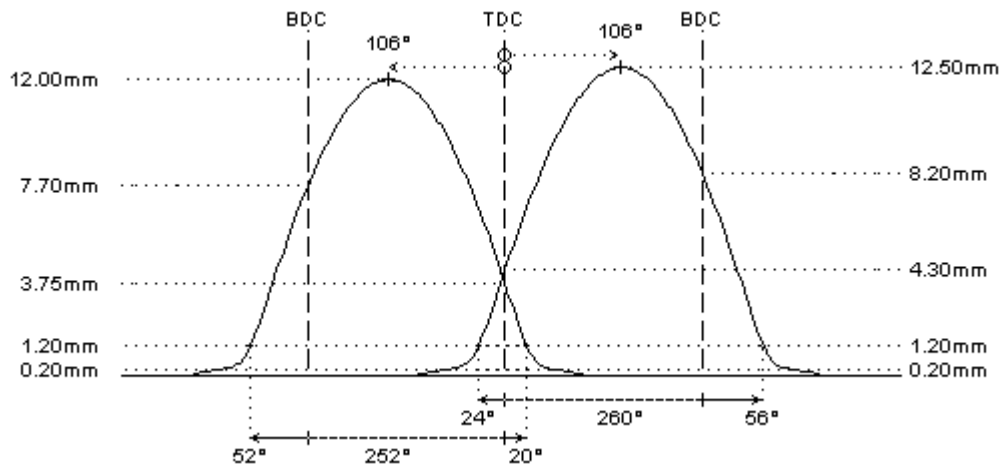
### camshaft data:

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 304°	298°
duration @ 1.0mm	: 260°	252°
valve lift	: 12.55mm	12.05mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 24° / 56°	52° / 20°
valve lift @ TDC	: 4.30mm	3.75mm

### parts setup:

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	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: <b>PAC-E95009</b>	: <b>PAC-E95009</b>
interior spring	: <b>PAC-I99861</b>	: <b>PAC-I99861</b>
fitted load / length	: 35kg @ 33.0mm	: 35kg @ 33.0mm
max. load / lift	: 98kg @ 12.5mm	: 98kg @ 12.5mm

### REMARKS :



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- # - **10309xx**: V6 2.5L 24v engines (narrow valve & lobe spacing)
- # - **10329xx**: V6 3.0L 24v engines (wide valve & lobe spacing)
- 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 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