

# 1030410

hot street - dirt track

Alfa Romeo AR 301.68 105hp

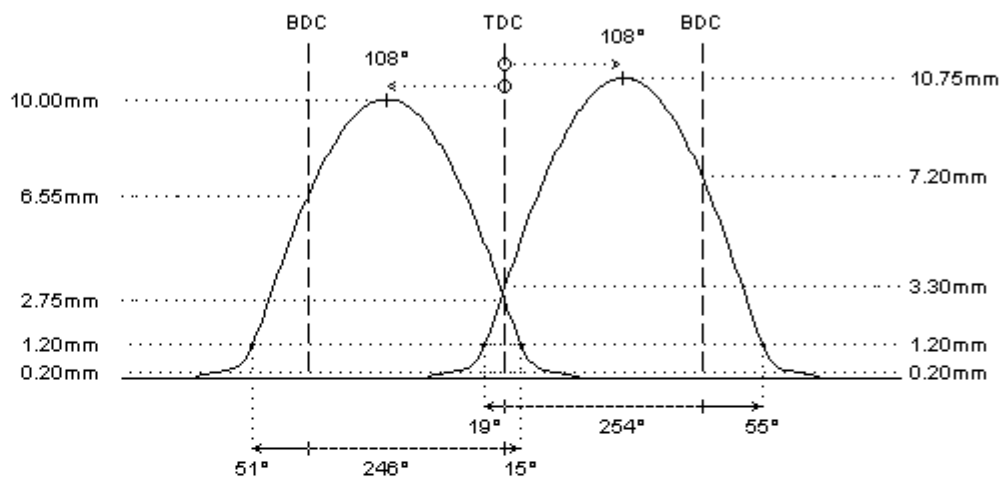
B-4cyl 1.4L 8v SOHC (DT/DT)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 291°	283°
duration @ 1.0mm	: 254°	246°
valve lift	: 10.75mm	10.00mm
cam lift	:	
lobe angle	: 108°	108°
timing @ 1.0mm	: 19° / 55°	51° / 15°
valve lift @ TDC	: 3.30mm	2.75mm
<b>parts setup:</b>		
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	: <b>X not available</b>	: <b>X not available</b>
lower retainer	: <b>X not available</b>	: <b>X not available</b>
exterior spring	: <b>X not available</b>	: <b>X not available</b>
interior spring	:	:
fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

#### REMARKS :

- # original valve spring info is not available
- # valve spring kit can be developed on request



#### REMARKS :

- # - steel billet camshafts
- bearing dimensions: **34.94 - 46.44 - 46.94mm**
- cam followers: mechanic bucket tappet with shim
- camshafts can also be used in older engines with twin cam lobes (cam follower conversion required)
- # - 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
- # original valve spring info is not available
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors