

1030413

full race

Alfa Romeo AR 301.68 105hp

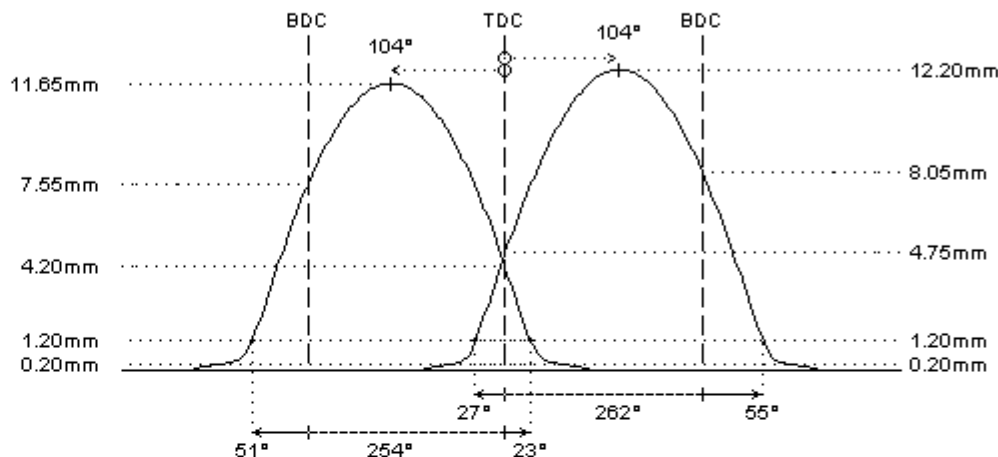
B-4cyl 1.4L 8v SOHC (DT/DT)



	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 294°	294°
duration @ 1.0mm	: 262°	254°
valve lift	: 12.20mm	11.65mm
cam lift	: 12.20mm	11.65mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 27° / 55°	51° / 23°
valve lift @ TDC	: 4.75mm	4.20mm
parts setup:		
cam wheels :	:	:
follower	: X N/A	: X N/A
valve lash	: X N/A	: X N/A
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: X not available	: X not available
lower retainer	: X not available	: X not available
exterior spring	: X not available	: X not available
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)
- # These profiles require race cam followers with shim between cam follower and valve (shim under follower). It is not possible to use these profiles on std cam followers with the shim between the follower and the cam (shim over follower).
- # - 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
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors