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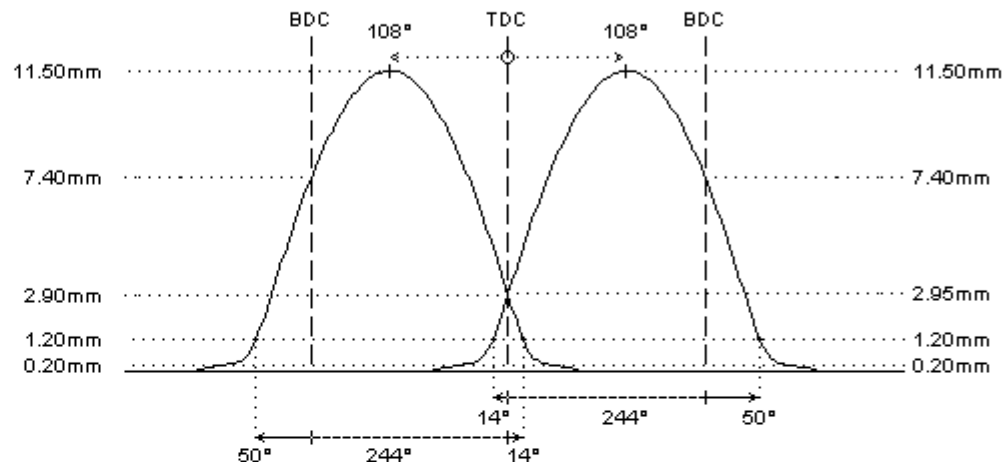
sport

Alfa Romeo NORD

I-4cyl 2.0L 8v DOHC (DT/DT)



| | intake | exhaust |
|-----------------------|------------------|------------------|
| camshaft data: | | |
| lash ramp | : 0.20mm | 0.20mm |
| duration @ 0.1mm | : 282° | 282° |
| duration @ 1.0mm | : 244° | 244° |
| valve lift | : 11.50mm | 11.50mm |
| cam lift | : | |
| lobe angle | : 108° | 108° |
| timing @ 1.0mm | : 14° / 50° | 50° / 14° |
| valve lift @ TDC | : 2.95mm | 2.90mm |
| parts setup: | | |
| cam wheels : | : | : |
| follower | : CC007 | : CC007 |
| 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 | : O.E.M. | : O.E.M. |
| lower retainer | : O.E.M. | : O.E.M. |
| exterior spring | : PAC-E95009 | : PAC-E95009 |
| interior spring | : PAC-I95009 | : PAC-I95009 |
| fitted load / length | : 35kg @ 35.0mm | : 35kg @ 35.0mm |
| max. load / lift | : 102kg @ 12.5mm | : 102kg @ 12.5mm |



REMARKS :

- # - steel billet, gundrilled for weight saving
- # 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

REMARKS :

- # different valve spring setups have been used in the original engines:
please double check the measurements and contact Catcams in case of doubt
- # if required, machine cylinder head and / or use solid shims to adjust spring load