

7606704

tarmac rally - race

Volkswagen AUA, APE, BBY, BKY 75hp (belt drive, no VVT)

I-4cyl 1.4L 16v DOHC (RPRH/RPRH)



intake

exhaust

camshaft data:

lash ramp	: hydro	hydro
duration @ 0.1mm	: 304°	304°
duration @ 1.0mm	: 250°	250°
valve lift	: 12.15mm	12.15mm
cam lift	: 6.05mm	6.05mm
lobe angle	: 106°	106°
timing @ 1.0mm	: 17° / 53°	53° / 17°
valve lift @ TDC	: 2.95mm	2.95mm

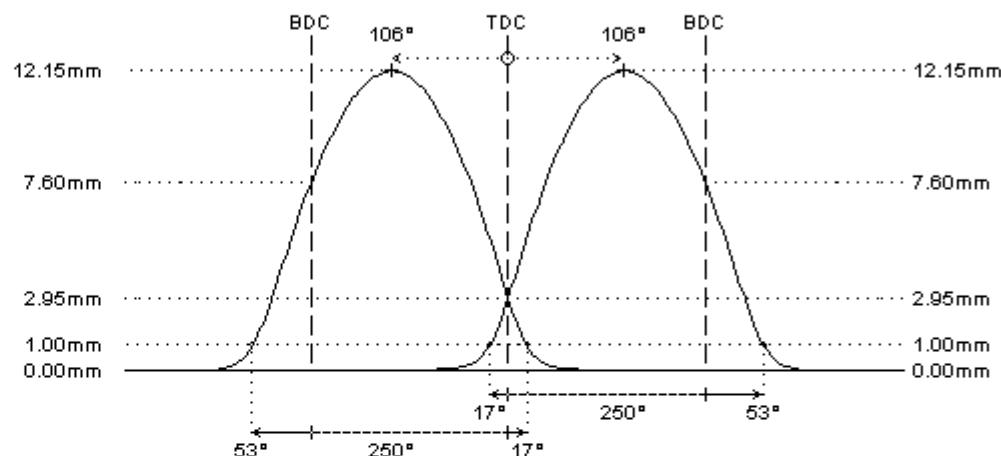
parts setup:

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	: 99391/s	: 99391/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-E99862	: PAC-E99862
interior spring	:	:

fitted load / length	: 29kg @ 35.0mm	: 29kg @ 35.0mm
max. load / lift	: 85kg @ 13.0mm	: 85kg @ 13.0mm

REMARKS :

Machining of spring base diameter required!



REMARKS :

- # These camshafts can only be used for engines without VVT system. They cannot be used in engines with VVT system, even when the VVT system is disabled
- # 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