7606704

tarmac rally - race

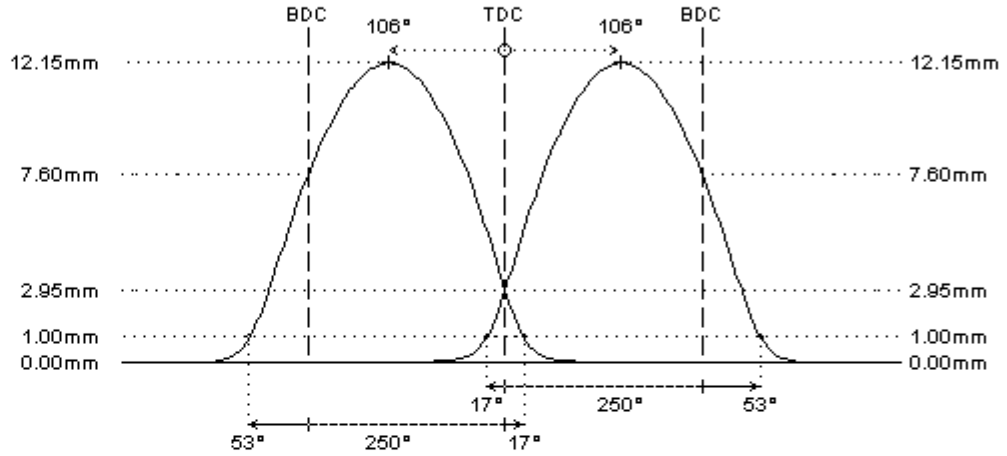
Volkswagen AUA, APE, BBY, BKY 75hp (belt drive, no VVT)

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 camshafs 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