

1003108

tarmac rally - race

Audi PT 250hp

V-8cyl 3.6L 32v DOHC (DTH/DTH)



intake

exhaust

camshaft data:

lash ramp	: 0.15mm	0.15mm
duration @ 0.1mm	: 287°	279°
duration @ 1.0mm	: 259°	251°
valve lift	: 13.15mm	12.55mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 24° / 55°	52° / 19°
valve lift @ TDC	: 4.25mm	3.70mm

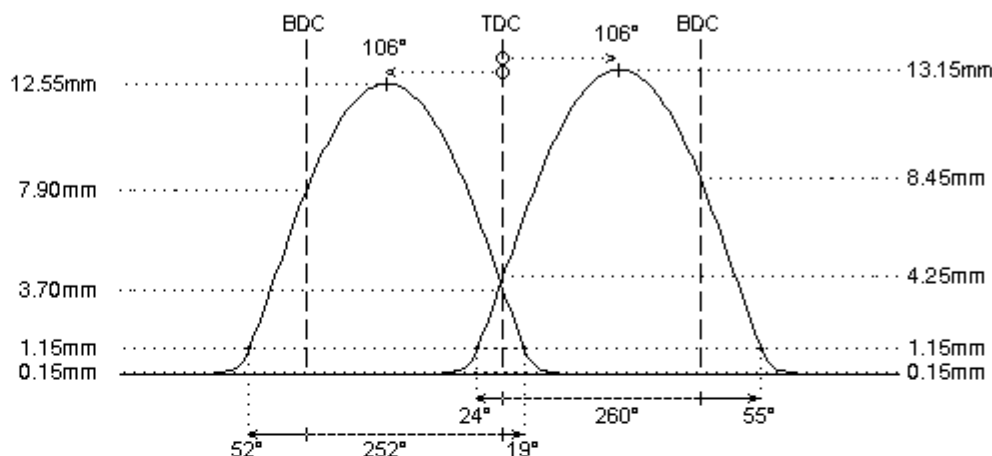
parts setup:

cam wheels :	:	:
follower	: CC019	: CC019
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99370	: 99370
lower retainer	: not available	: not available
exterior spring	: PAC-E15009	: PAC-E15009
interior spring	: PAC-I15009	: PAC-I15009

fitted load / length	: 35kg @ 35.0mm	: 35kg @ 35.0mm
max. load / lift	: 111kg @ 14.0mm	: 111kg @ 14.0mm

REMARKS :

ONLY for 7mm valves with single groove (RK-7H valve keepers)



REMARKS :

- # - steel billet camshafts
- # - flat crank race cams available
- # - more profiles available
- # two different tappet sizes are used:
 - a) 35.0mm/1.378" tappets (ABZ & AEM for A8 4.2l; AEC for S6 4.2l)
 - b) 33.5mm/1.319" tappets (other)
- # for use on both 33.5mm/1.319" and 35mm/1.378" tappets
- # supplied with adjustable gear set on steel lightweight billets
- # - 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

