

# 1003504

full race

Audi ABC 1st generation: 8mm valves

V-6cyl 2.6L 12v SOHC (DTH/DTH)



**intake**                      **exhaust**

**camshaft data:**

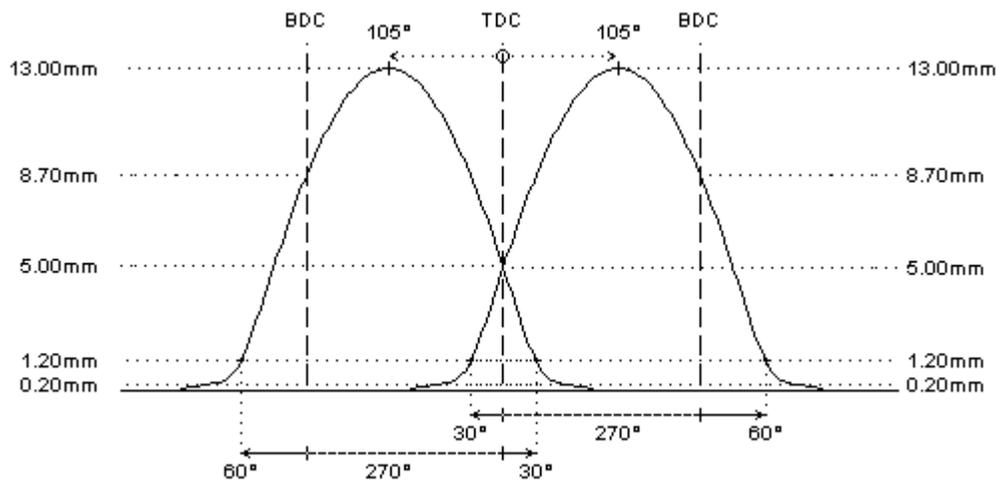
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 303°	303°
duration @ 1.0mm	: 268°	268°
valve lift	: 12.95mm	12.95mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 29° / 59°	59° / 29°
valve lift @ TDC	: 4.95mm	4.95mm

**parts setup:**

cam wheels :	:	:
follower	: <b>CC005</b>	: <b>CC005</b>
valve lash	: <b>TS103</b>	: <b>TS103</b>
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: <b>99379</b>	: <b>99379</b>
lower retainer	: <b>not available</b>	: <b>not available</b>
exterior spring	: <b>PAC-E99859</b>	: <b>PAC-E99859</b>
interior spring	: <b>PAC-I99859</b>	: <b>PAC-I99859</b>
fitted load / length	: 36kg @ 35.0mm	: 36kg @ 35.0mm
max. load / lift	: 103kg @ 12.5mm	: 103kg @ 12.5mm

**REMARKS :**

# if required, machine cylinder head and / or use solid shims to adjust spring load #  
check distance between valve seal and retainer to be at least 0.6mm at full lift



**REMARKS :**

- # 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
- # valve clearance is to be adjusted using mechanical lash caps. these can have different shapes according the application:
  - plates available in different diameters and thickness
  - cups for different valve stem diameters. these center on either tappet or valve stem
  - other specific shapes available on request
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors