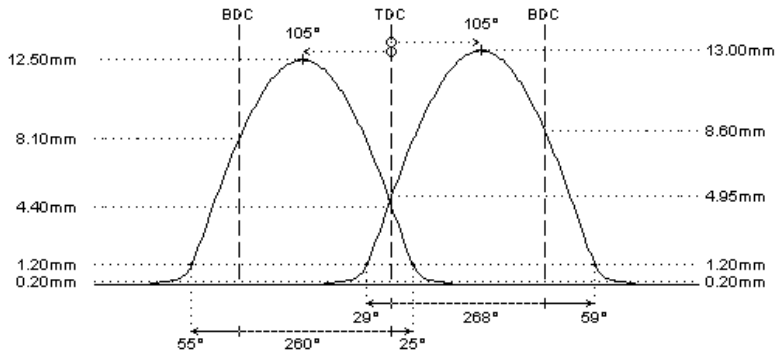
1031577

full race

Alfa Romeo AR322.01 144hp, VVT intake
I-4cyl 1.7L 16v DOHC (DTH/DTH)

	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 307°	298°
duration @ 1.0mm	: 268°	260°
valve lift	: 13.00mm	12.50mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 29° / 59°	55° / 25°
valve lift @ TDC	: 4.95mm	4.40mm
parts setup:		
cam wheels :	: **CTAR001**	: **CTAR001**
follower	: **CC002**	: **CC002**
valve lash	: **TS102**	: **TS102**
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: **99371**	: **99371**
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: **PAC-E92009**	: **PAC-E92009**
interior spring	: **PAC-I92009**	: **PAC-I92009**
fitted load / length	: 39kg @ 33.0mm	: 39kg @ 33.0mm
max. load / lift	: 100kg @ 12.5mm	: 100kg @ 12.5mm

REMARKS :



REMARKS :

camshafts for use with STD VVT (vanos) system

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

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