

# 1031603

sport

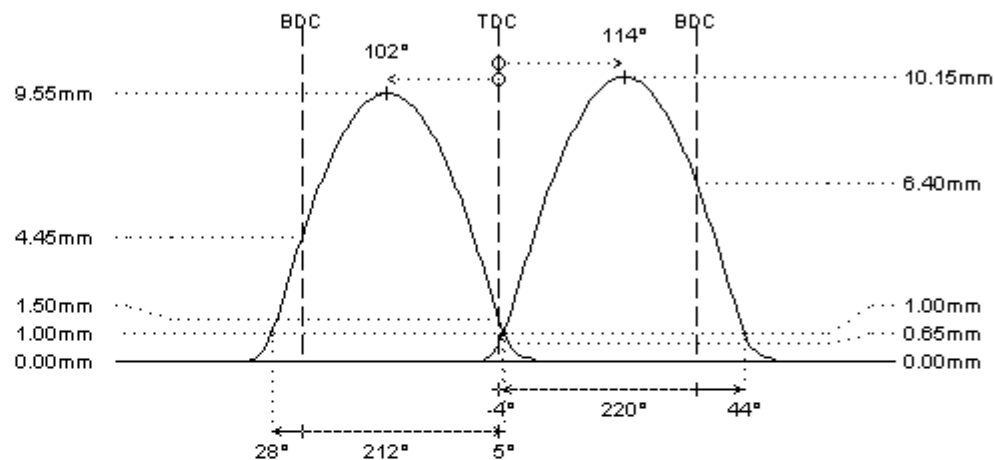
Alfa Romeo AR 321.04 119hp, VVT intake

I-4cyl 1.6L 16v DOHC (DTH/DTH)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 257°	250°
duration @ 1.0mm	: 220°	213°
valve lift	: 10.15mm	9.55mm
cam lift	:	
lobe angle	: 114°	102°
timing @ 1.0mm	: -4° / 44°	28° / 5°
valve lift @ TDC	: 0.65mm	1.50mm
<b>parts setup:</b>		
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	: O.E.M.	: O.E.M.
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: O.E.M.	: O.E.M.
interior spring	: O.E.M.	: O.E.M.
fitted load / length	: 39kg @ 33.8mm	: 39kg @ 33.8mm
max. load / lift	: 80kg @ 10.5mm	: 77kg @ 10.0mm

REMARKS :



**REMARKS :**

- # steel billet camshafts  
camshafts for use with STD VVT (vanos) system
- # The VANOS (VVT) system on the intake camshaft changes the PD from 114° to 89°.  
The data are shown for full intake retard (disengaged VVT). Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
- # ONLY for dirt track applications and pro street use with adjustable engine management or carburetors