

# 1030521

sport

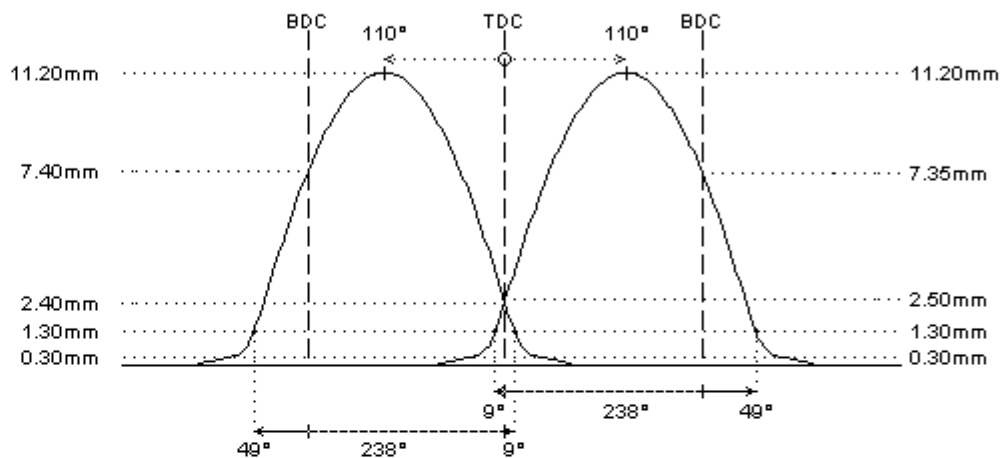
Alfa Romeo AR 672.01, ... Twin Spark

I-4cyl 2.0L 8v DOHC (DT/DT)



	intake	exhaust
<b>camshaft data:</b>		
lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 268°	268°
duration @ 1.0mm	: 238°	238°
valve lift	: 11.20mm	11.20mm
cam lift	:	
lobe angle	: 110°	110°
timing @ 1.0mm	: 9° / 49°	49° / 9°
valve lift @ TDC	: 2.50mm	2.40mm
<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	:  PAC-E15009	:  PAC-E15009
interior spring	:  PAC-I15009	:  PAC-I15009
fitted load / length	: 30kg @ 36.0mm	: 38kg @ 34.5mm
max. load / lift	: 111kg @ 15.0mm	: 111kg @ 13.5mm

REMARKS :



### REMARKS :

# **IMPORTANT:** 3 types of intake camshafts are available:

- 1/ 10305xx: vanos with 1 oil hole in the front bearing, oil groove in the middle of the bearing
- 2/ 10325xx: vanos with 2 oil holes in the front bearing, oil groove at the end of the bearing
- 3/ 10335xx: for use without vanos (like exhaust camshaft)

Please indicate the type of intake camshaft you need when ordering and use the correct partnumber digits, corresponding with the correct type of camshaft. All camshafts are steel billet and gundrilled for weight reduction

# - 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 dirt track applications and pro street use with adjustable engine management or carburetors