

**ENGINE information****◀ 1321816**

		INTAKE	EXHAUST		
clearance	[cl]	0.15mm	0.15mm		
duration	[0.1mm+cl]	298°	291°		
duration	[1.0mm+cl]	272°	264°		
valve lift	[cl=0]	13.00mm	12.50mm	<b>REQUIRED PARTS</b>	
cam lift		-	-	followers:	CC018
peak angle		105°	105°	retainers:	99311
timing	[1.0mm+cl]	31/61°	57/27°	springs:	902-0015
lift at TDC	[cl=0]	4.85mm	4.35mm		

**information & important remarks:**

- # 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 FULL RACE 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 race engines with adjustable engine management or carburettors