

5506701

full race

Renault K4M.708 MÃ@gane I 1600 16v

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

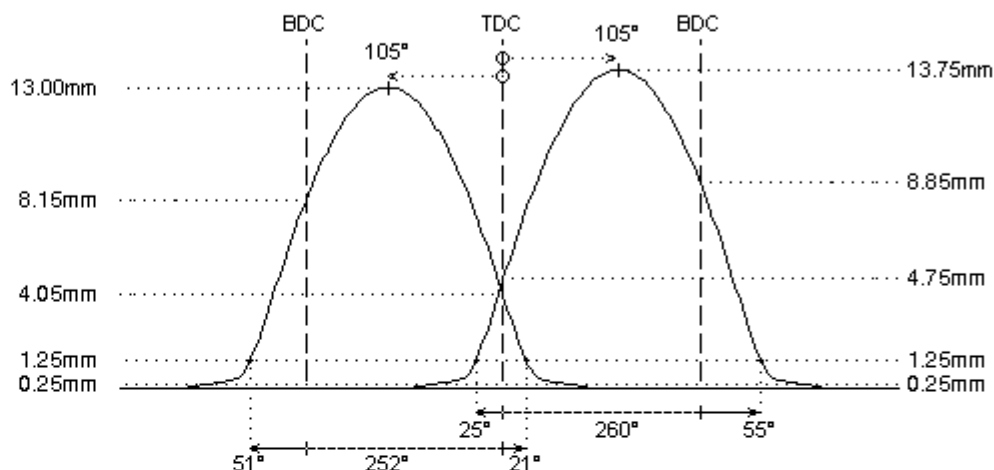


	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 302°	294°
duration @ 1.0mm	: 260°	252°
valve lift	: 13.75mm	13.00mm
cam lift	: 9.65mm	9.20mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 25° / 55°	51° / 21°
valve lift @ TDC	: 4.75mm	4.05mm
parts setup:		
cam wheels :	: CTRE006	: CTRE006
follower	: CAT005	: CAT005
valve lash	: TS100	: TS100
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99536	: 99536
lower retainer	: 99528/O	: 99528/O
exterior spring	: PAC-E19864	: PAC-E19864
interior spring	: PAC-I19864	: PAC-I19864
fitted load / length	: 29kg @ 33.5mm	: 29kg @ 33.5mm
max. load / lift	: 90kg @ 14.5mm	: 90kg @ 14.5mm

REMARKS :

cam follower setup for CAT CAMS slipper follower kit:
16x slipper cam follower: CAT005
16x connector shaft: CAT018
16x cam follower post: CAT007
16x lash cap: TS-100 (lash adjustment on valve tip)
8x valve seal 92VS1002
8x valve seal 92VS1003

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REMARKS :

- # -camshafts for use with **CATCAMS slipper kit** (cam lobes are not compatible with other rocker arm systems)
-cylinder head needs to be machined to fit the rocker arm sytem (service available from CATCAMS)
- # 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
- please make sure that the lash cap does not touch the valve locks !
- # stand alone ECU based on throttle position sensor required