

5502364

full race

Renault F7

I-4cyl 2.0L 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	: 104°	104°
timing @ 1.0mm	: 30° / 58°	54° / 26°
valve lift @ TDC	: 5.10mm	4.50mm

parts setup:

cam wheels :	: CTRE004	: CTRE004
follower	: CC002	: CC002
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99337	: 99337
lower retainer	: not available	: not available
exterior spring	: PAC-E12009	: PAC-E12009
interior spring	: PAC-I12009	: PAC-I12009

fitted load / length	: 32kg @ 33.5mm	: 32kg @ 33.5mm
max. load / lift	: 102kg @ 14.0mm	: 102kg @ 14.0mm

REMARKS :

replace OEM lower retainer to obtain a correct installation / fitted length (currently not available)

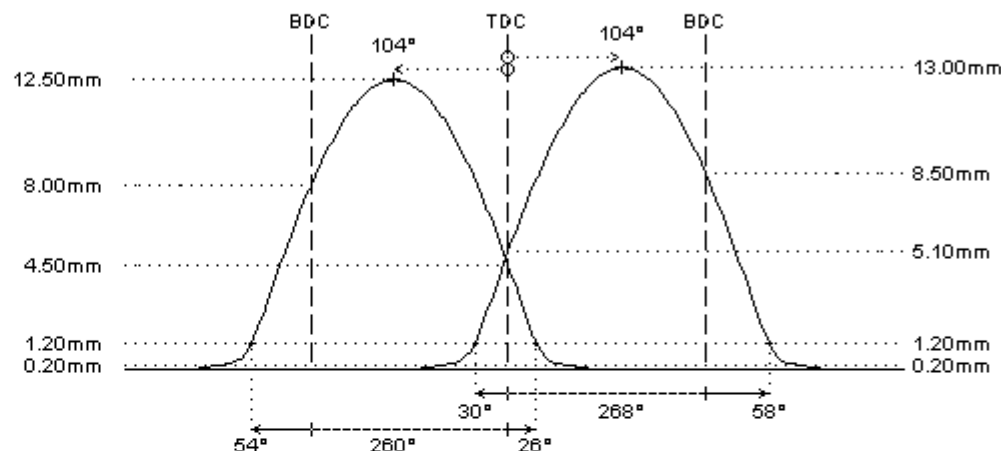
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Inlet Valves:

9255003 d7.00 // D33.2 // L107.6

Exhaust Valves:

9255004 d7.00 // D28.7 // L109.0



REMARKS :

- # Renault has used different camshaft specifications (1.8L, 2.0L, Clio Williams). Depending on the engine version and application, extra modifications may be required.
- # 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 use in competition engines with independent engine management (throttle position sensor) or carburetors