

5503434

full race

Renault F4R.830 Clio III (VVT in, 197hp)

I-4cyl 2.0L 16v DOHC (RPRH/RPRH)



intake

exhaust

camshaft data:

lash ramp : hydro
duration @ 0.1mm : 300°
duration @ 1.0mm : 266°
valve lift : 12.20mm
cam lift : 6.15mm
lobe angle : 104°
timing @ 1.0mm : 29° / 57°
valve lift @ TDC : 4.55mm

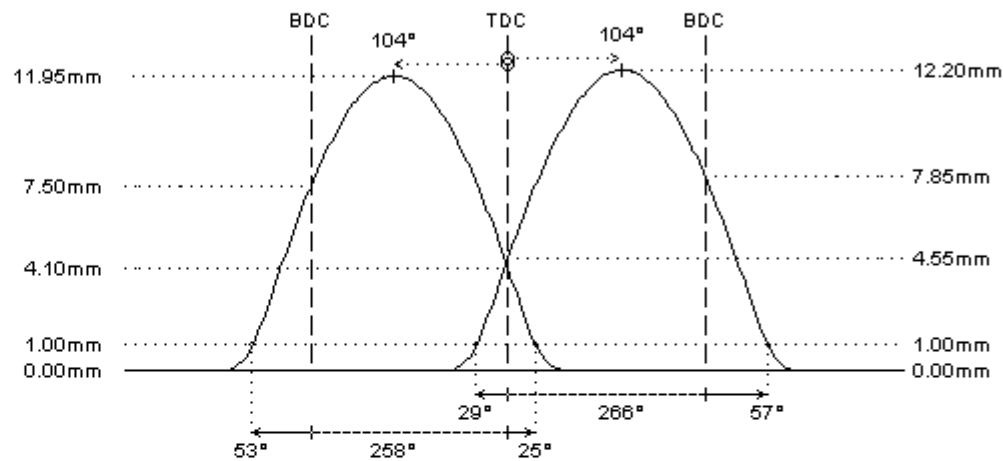
hydro
293°
258°
11.95mm
6.05mm
104°
53° / 25°
4.10mm

parts setup:

| | | |
|-------------------|---------------|---------------|
| cam wheels : | : CTRE006 | : CTRE006 |
| 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-E99862 | : PAC-E99862 |
| interior spring : | | |

fitted load / length : 31kg @ 34.5mm : 33kg @ 34.0mm
max. load / lift : 85kg @ 12.5mm : 85kg @ 12.0mm

REMARKS :



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- # - camshafts for use with adjustable cam wheel on intake (without VVT)
- adjustable sensor ring [ref. 99025] for intake camshaft must be ordered separately if required for engine management system
- # 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