

# 5503434

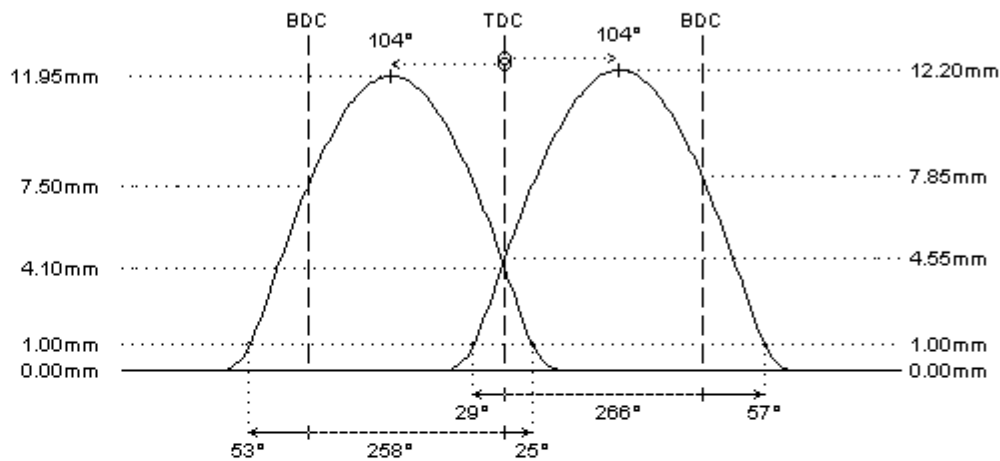
full race

Renault F4R.730 Clio II (VVT in, 172/180hp)

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



|                       | intake          | exhaust         |
|-----------------------|-----------------|-----------------|
| <b>camshaft data:</b> |                 |                 |
| lash ramp             | : hydro         | hydro           |
| duration @ 0.1mm      | : 300°          | 293°            |
| duration @ 1.0mm      | : 266°          | 258°            |
| valve lift            | : 12.20mm       | 11.95mm         |
| cam lift              | : 6.15mm        | 6.05mm          |
| lobe angle            | : 104°          | 104°            |
| timing @ 1.0mm        | : 29° / 57°     | 53° / 25°       |
| valve lift @ TDC      | : 4.55mm        | 4.10mm          |
| <b>parts setup:</b>   |                 |                 |
| 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       |                 |                 |
| <br>                  |                 |                 |
| fitted load / length  | : 31kg @ 34.5mm | : 31kg @ 34.5mm |
| max. load / lift      | : 85kg @ 12.5mm | : 85kg @ 12.5mm |



### REMARKS :

- # camshafts for use with adjustable cam wheel on intake (without VVT)
- # 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

### REMARKS :

- #
- # Inlet Valves: 9255001 d5.50 // D33.4 // L110.0 #
- Exhaust Valves: 9255002 d5.50 // D29.1 // L109.0 #