

5503423

tarmac rally - race

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

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

**intake****exhaust****camshaft data:**

lash ramp : hydro
 duration @ 0.1mm : 295°
 duration @ 1.0mm : 256°
 valve lift : 11.30mm
 cam lift : 11.30mm
 lobe angle : 108°
 timing @ 1.0mm : 20° / 56°
 valve lift @ TDC : 3.45mm

hydro
 288°
 248°
 11.30mm
 11.30mm
 104°
 48° / 20°
 3.40mm

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	: 31kg @ 34.5mm
max. load / lift	: 85kg @ 12.5mm	: 85kg @ 12.5mm

REMARKS :

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Inlet Valves:

9255001 d5.50 // D33.4 // L110.0

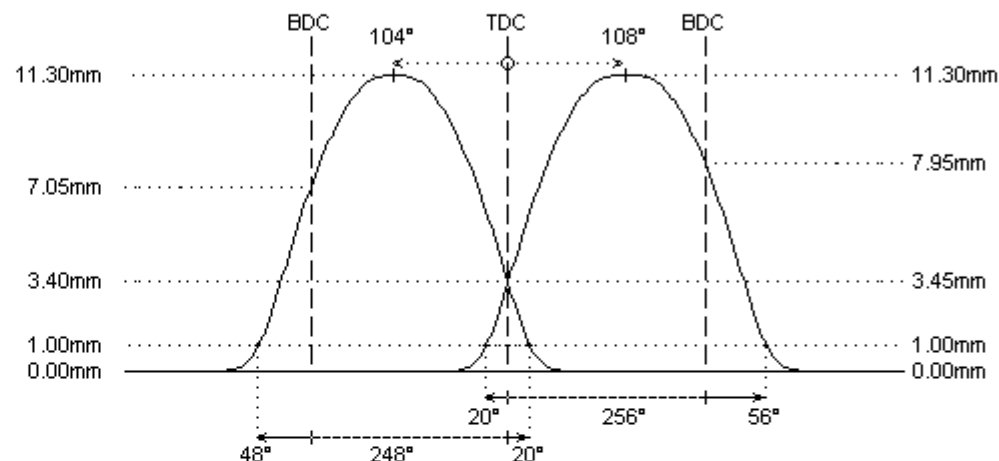
Exhaust Valves:

9255002 d5.50 // D29.1 // L109.0

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**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