

5503553

full race

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

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



	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 304°	304°
duration @ 1.0mm	: 267°	267°
valve lift	: 12.45mm	12.45mm
cam lift	: 12.45mm	12.45mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 29° / 58°	58° / 29°
valve lift @ TDC	: 4.65mm	4.65mm
parts setup:		
cam wheels :	CTRE006	CTRE006
follower	CC083	CC083
valve lash	TS103	TS103
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 :

modify hydraulic elements to mechanic or replace by solid mechanic elements with lash caps TS103 underneath

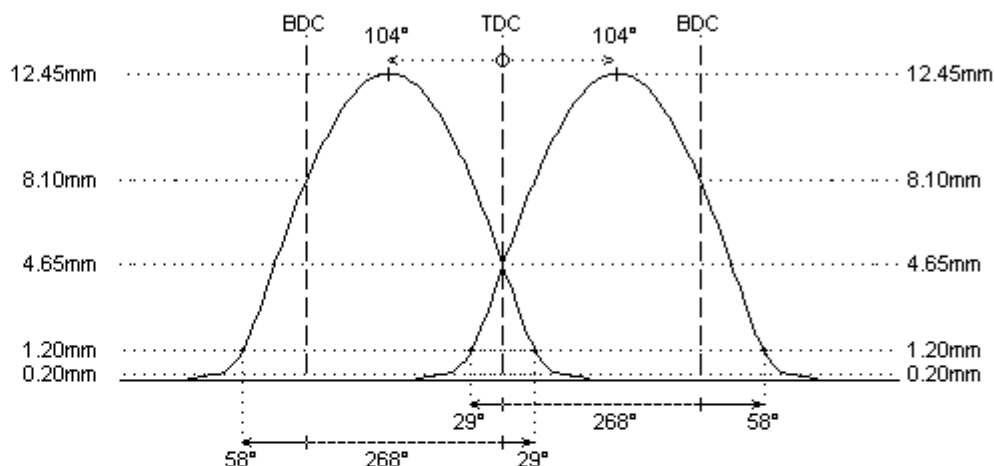
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Inlet Valves:

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

Exhaust Valves:

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

**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