

4902903

tarmac rally - race

Citroën EW10J4S 180hp

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



intake

exhaust

camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 292°	292°
duration @ 1.0mm	: 259°	259°
valve lift	: 13.00mm	13.00mm
cam lift	:	
lobe angle	: 104°	104°
timing @ 1.0mm	: 26° / 53°	54° / 25°
valve lift @ TDC	: 4.45mm	4.40mm

parts setup:

cam wheels :	: CTPE002	: CTPE002
follower	: CC017	: CC017
valve lash	: TS102	: TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99410/s	: 99410/s
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: PAC-S90015	: PAC-S90015
interior spring	:	

fitted load / length	: 30kg @ 38.0mm	: 30kg @ 38.0mm
max. load / lift	: 79kg @ 13.0mm	: 79kg @ 13.0mm

REMARKS :

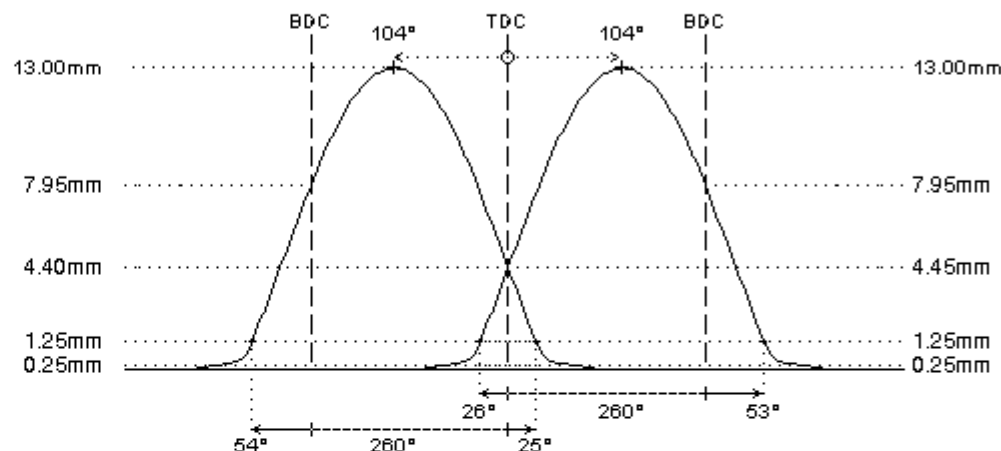
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Inlet Valves:

9249003 d6.00 // D35.0 // L106.1

Exhaust Valves:

9249004 d6.00 // D31.0 // L102.9



REMARKS :

- # The intake camshaft is similar to the exhaust camshaft to fit two adjustable (non VVT) pulleys. When ordering, replace '4901xxx' by '4902xxx' (eg: 4901902 > 4902902)
- # 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
- # - valve clearance is to be adjusted using mechanical lash caps
- please make sure that the lash cap does not touch the valve locks !
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors