

4901908

tarmac rally - race

Citroën EW10J4S 180hp

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



intake

exhaust

camshaft data:

lash ramp	: 0.20mm	0.25mm
duration @ 0.1mm	: 283°	269°
duration @ 1.0mm	: 246°	236°
valve lift	: 12.40mm	11.50mm
cam lift	:	
lobe angle	: 137°	104°
timing @ 1.0mm	: -14° / 80°	42° / 14°
valve lift @ TDC	: 0.35mm	2.90mm

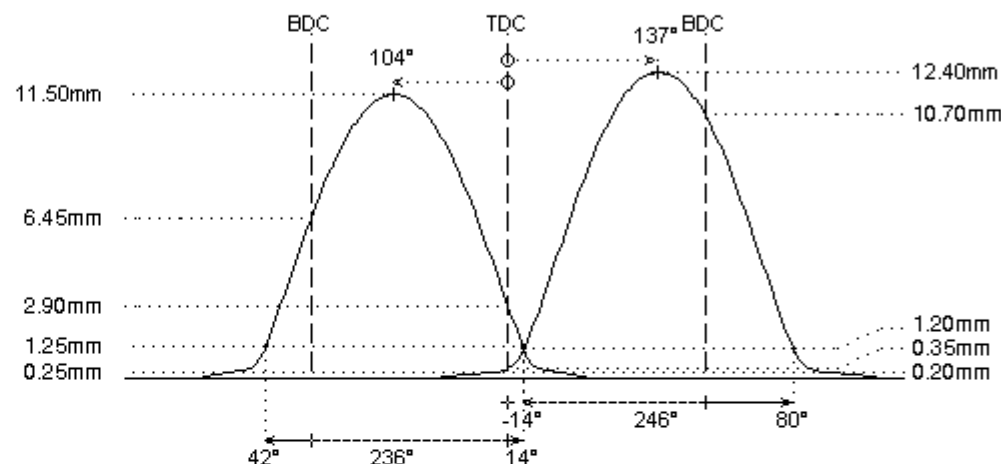
parts setup:

cam wheels :	:	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 :

#		
# Inlet Valves:		#
9249003 d6.00 // D35.0 // L106.1		#
Exhaust Valves:		#
9249004 d6.00 // D31.0 // L102.9		



REMARKS :

- # Camshafts for use with original VVT system (intake only)
- # 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 !
- # lock or limit range of VANOS system
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors