1321869

turbo conversion

Citroën TU5J4 120hp

I-4cyl 1.6L 16v DOHC (DTH/DTH)

	intake	exhaust
camshaft data:		
lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 273°	256°
duration @ 1.0mm	: 242°	224°
valve lift	: 11.05mm	9.80mm
cam lift	:	
lobe angle	: 106°	114°
timing @ 1.0mm	: 15° / 47°	46° / -2°
valve lift @ TDC	: 2.95mm	0.95mm
parts setup:		
cam wheels :	:	:
follower	: **CC018**	: **CC018**
valve lash	: **TS101**	: **TS101**
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: **99311/s**	: **99311/s**
lower retainer	: O.E.M.	: O.E.M.
exterior spring	: **PAC-S90015**	: **PAC-S90015**
interior spring		
fitted load / length	: 33kg @ 36.8mm	: 33kg @ 36.8mm
max. load / lift	: 82kg @ 12.5mm	: 82kg @ 12.5mm

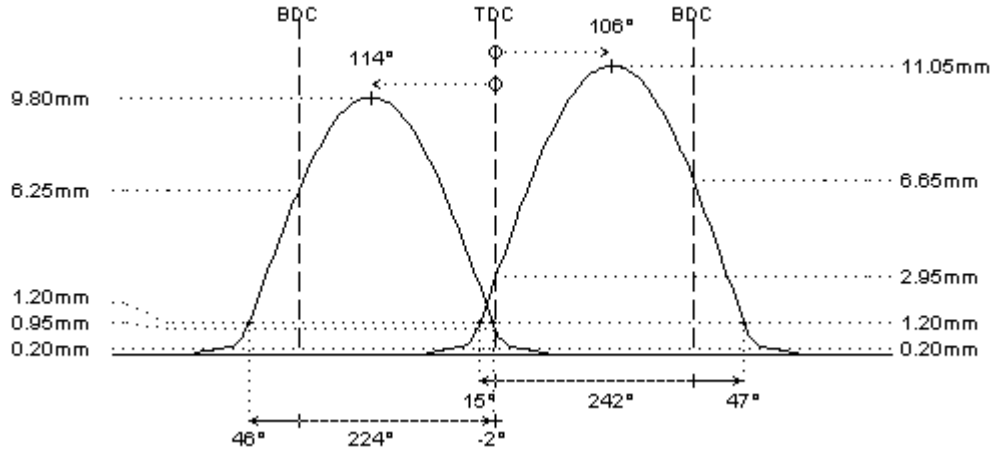
REMARKS :

Double springs PAC-D99862 or PAC-D19862 (gold) can also be used with retainer 99311/S (machining around the valve guide is required). See valve setup section for fitting details. Recommended for applications above 8.500rpm

Inlet Valves: #

9249007 d6.00 // D28.8 // L104.6 #

Exhaust Valves: #



REMARKS :

FOR COMPETITION APPLICATIONS ONLY. Following details must be verified:
- the camshafs 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. these can have different shapes according the application:
- plates available in different diameters and thickness
- cups for different valve stem diameters. these center on either tappet or valve stem
- other specific shapes available on request

ONLY for use in competition engines with independent engine management (throttle position sensor) or carburettors

for TURBO conversion (atmospheric to turbo)

9249006 d6.00 // D26.0 // L104.2 Oversize

9249016 d6.00 // D24.5 // L104.2

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