

# 4901659

full race

Citroën EW10J4 135hp

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



### intake

### exhaust

#### camshaft data:

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 297°	282°
duration @ 1.0mm	: 266°	253°
valve lift	: 12.55mm	11.75mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 28° / 58°	52° / 21°
valve lift @ TDC	: 4.50mm	3.70mm

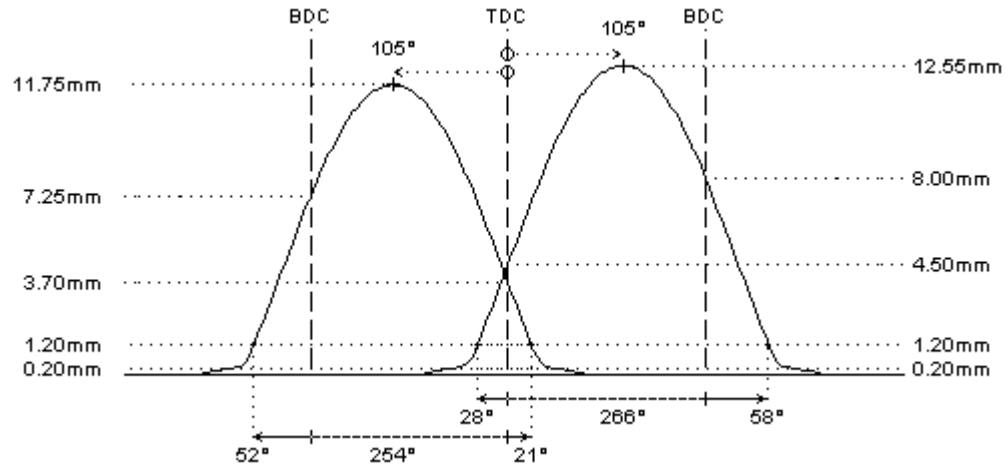
#### parts setup:

cam wheels :	:  CTPE002	:  CTPE002
follower	:  CC018	:  CC018
valve lash	:  TS101	:  TS101
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-E99862	:  PAC-E99862
interior spring	:	:

fitted load / length	: 27kg @ 35.5mm	: 27kg @ 35.5mm
max. load / lift	: 80kg @ 12.5mm	: 80kg @ 12.5mm

#### REMARKS :

# double spring PAC-D19864 recommended over 8000rpm (machining of cylinder head and special lower retainer and valve seal may be required)



#### REMARKS :

- # - cast iron camshafts
- trigger on exhaust camshaft
- # 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. 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 carburetors