

4602805

tarmac rally - race

Opel X25XE 170hp

V-6cyl 2.5L 24v DOHC (DTH/DTH)



intake

exhaust

camshaft data:

lash ramp	: 0.15mm	0.15mm
duration @ 0.1mm	: 294°	287°
duration @ 1.0mm	: 264°	256°
valve lift	: 11.00mm	11.05mm
cam lift	:	
lobe angle	: 106°	106°
timing @ 1.0mm	: 26° / 58°	54° / 22°
valve lift @ TDC	: 4.65mm	4.10mm

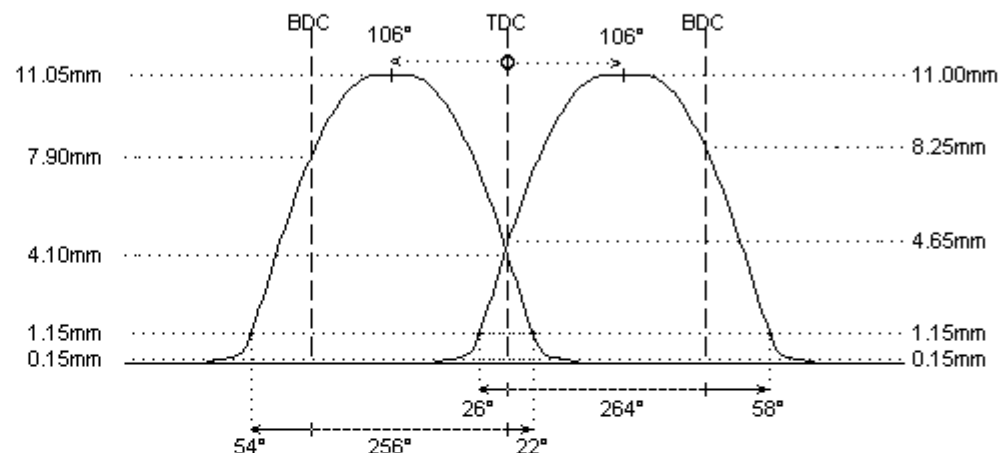
parts setup:

cam wheels :	:	:
follower	: CC004	: CC004
valve lash	: TS101	: TS101
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-S90019	: PAC-S90019
interior spring	:	:

fitted load / length	: 36kg @ 34.0mm	: 36kg @ 34.0mm
max. load / lift	: 82kg @ 11.5mm	: 82kg @ 11.5mm

REMARKS :

check distance between valve seal and retainer to be at least 0.6mm at full lift



REMARKS :

- # 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