4602805

tarmac rally - race

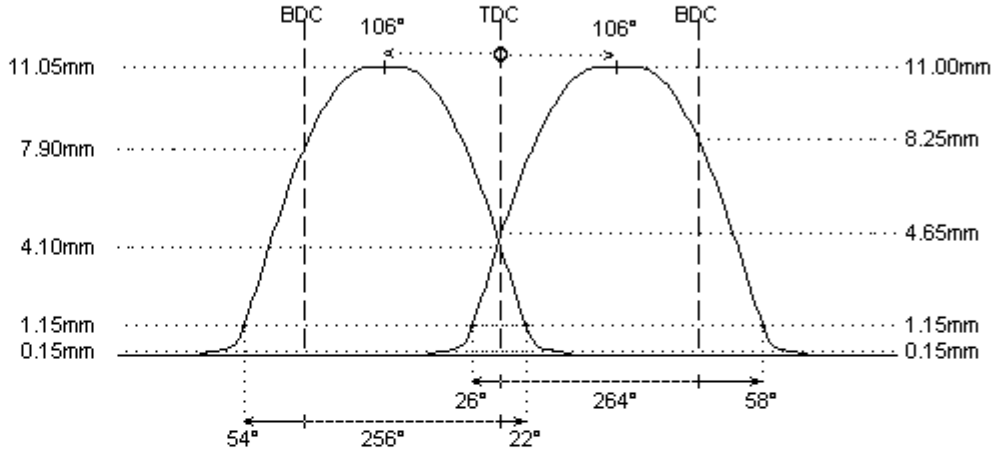
Opel X25XE 170hp

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 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

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