

# 2280711

tarmac rally - race

Ford DH23

I-4cyl 2.3L 16v DOHC (DTH/DTH)



**intake**                      **exhaust**

**camshaft data:**

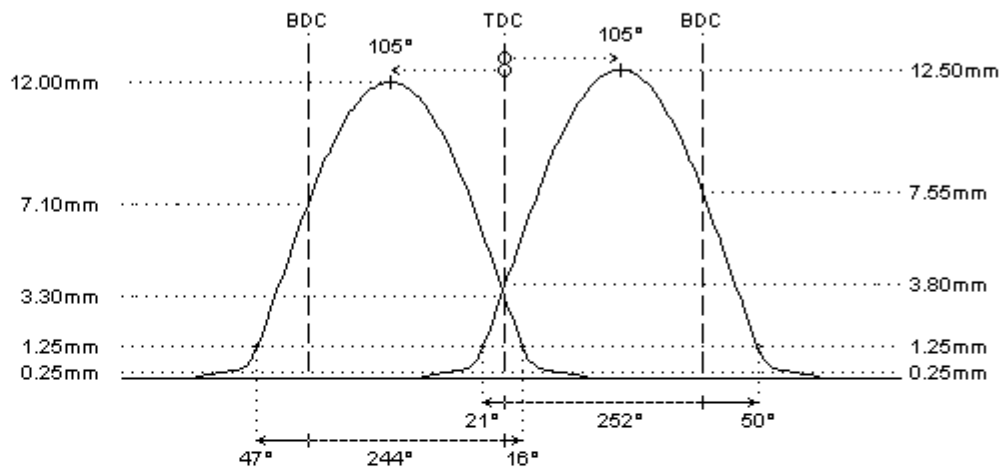
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 285°	277°
duration @ 1.0mm	: 251°	243°
valve lift	: 12.50mm	12.00mm
cam lift	:	
lobe angle	: 105°	105°
timing @ 1.0mm	: 21° / 50°	47° / 16°
valve lift @ TDC	: 3.80mm	3.30mm

**parts setup:**

cam wheels :	TFO002	TFO002
follower	CC017	CC017
valve lash	TS102	TS102
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99456/s	: 99456/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	: 77kg @ 12.5mm	: 77kg @ 12.5mm

**REMARKS :**



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