

# 1300528

tarmac rally - race

Bmw M20 B20 125hp

I-6cyl 2.0L 12v SOHC (RP/RP)



## intake

## exhaust

### camshaft data:

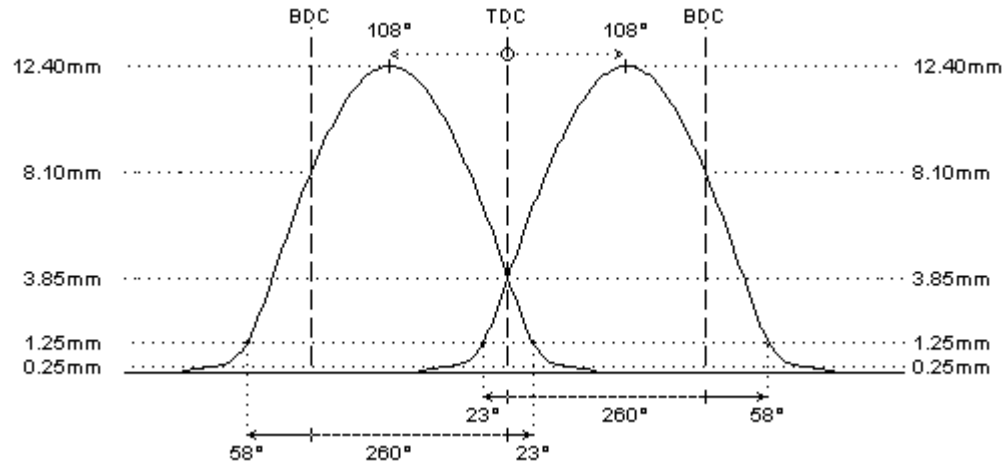
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 299°	299°
duration @ 1.0mm	: 261°	261°
valve lift	: 12.40mm	12.40mm
cam lift	: 7.75mm	7.75mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 23° / 58°	58° / 23°
valve lift @ TDC	: 3.85mm	3.85mm

### parts setup:

cam wheels :	: <b>CTBM030</b>	:
follower	: O.E.M.	: O.E.M.
valve lash	: O.E.M.	: O.E.M.
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	: <b>PAC-E95009</b>	: <b>PAC-E95009</b>
interior spring	: <b>PAC-I95009</b>	: <b>PAC-I95009</b>

fitted load / length	: 35kg @ 35.0mm	: 35kg @ 35.0mm
max. load / lift	: 111kg @ 14.0mm	: 111kg @ 14.0mm

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