

1305703

tarmac rally - race

Bmw S65 B40 414hp

V-8cyl 4.0L 32v QOHC

**intake****exhaust****camshaft data:**

lash ramp	: 0.20mm	0.20mm
duration @ 0.1mm	: 296°	296°
duration @ 1.0mm	: 260°	260°
valve lift	: 12.50mm	12.50mm
cam lift	: 12.50mm	12.50mm
lobe angle	: 108°	108°
timing @ 1.0mm	: 22° / 58°	58° / 22°
valve lift @ TDC	: 4.00mm	4.00mm

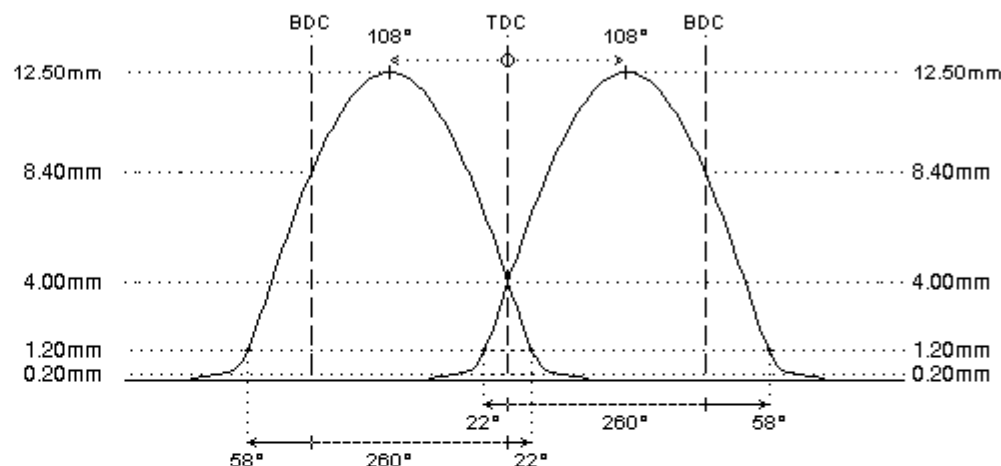
parts setup:

cam wheels :	:	:
follower	: INFO	: INFO
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	: not available	: not available
lower retainer	: not available	: not available
exterior spring	: not available	: not available
interior spring	:	:

fitted load / length	: 0kg @ 0.0mm	: 0kg @ 0.0mm
max. load / lift	: 0kg @ 0.0mm	: 0kg @ 0.0mm

REMARKS :

- # original valve spring info is not available
- # valve spring kit can be developed on request
- # The original hydraulic spherical cam followers must be converted to solid cam followers.

**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
- # valve lift and timing data are illustrated on fixed centerline (disabled VVT system)
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors