

1300148

tarmac rally - race

Bmw M10 B18 105hp

I-4cyl 1.8L 8v SOHC (RP/RP)



intake **exhaust**

camshaft data:

lash ramp	: 0.35mm	0.40mm
duration @ 0.1mm	: 310°	306°
duration @ 1.0mm	: 267°	266°
valve lift	: 11.40mm	11.45mm
cam lift	: 8.70mm	8.75mm
lobe angle	: 110°	110°
timing @ 1.0mm	: 28° / 59°	60° / 26°
valve lift @ TDC	: 4.25mm	4.10mm

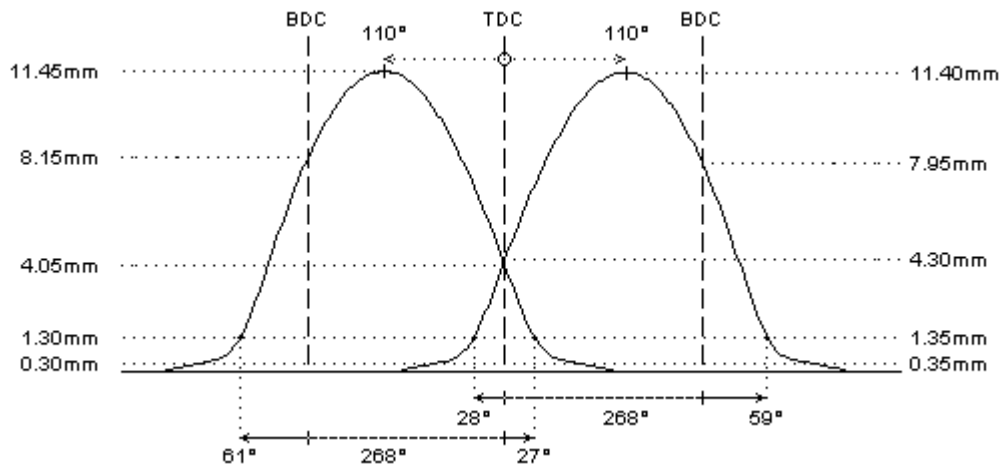
parts setup:

cam wheels :	:	:
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	: O.E.M.	: O.E.M.
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



REMARKS :

Please use the correct part number code for your engine:

- **13001xx**: small bearing (42.95mm-41.95mm-34.95mm), right gear
- **13002xx**: small bearing (42.95mm-41.95mm-34.95mm), left gear
- **13021xx**: big bearing (44.95mm-43.95mm-34.95mm), right gear
- **13022xx**: big bearing (44.95mm-43.95mm-34.95mm), left gear

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

We have two types of adjustable cam sprockets available:

- TBM010: single chain
- TBM012: double chain