

# 1300149

hot street - dirt track

Bmw M10 B18 105hp

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



**intake**                      **exhaust**

**camshaft data:**

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 300°	300°
duration @ 1.0mm	: 258°	258°
valve lift	: 11.30mm	11.30mm
cam lift	: 8.60mm	8.60mm
lobe angle	: 110°	110°
timing @ 1.0mm	: 24° / 54°	54° / 24°
valve lift @ TDC	: 3.70mm	3.70mm

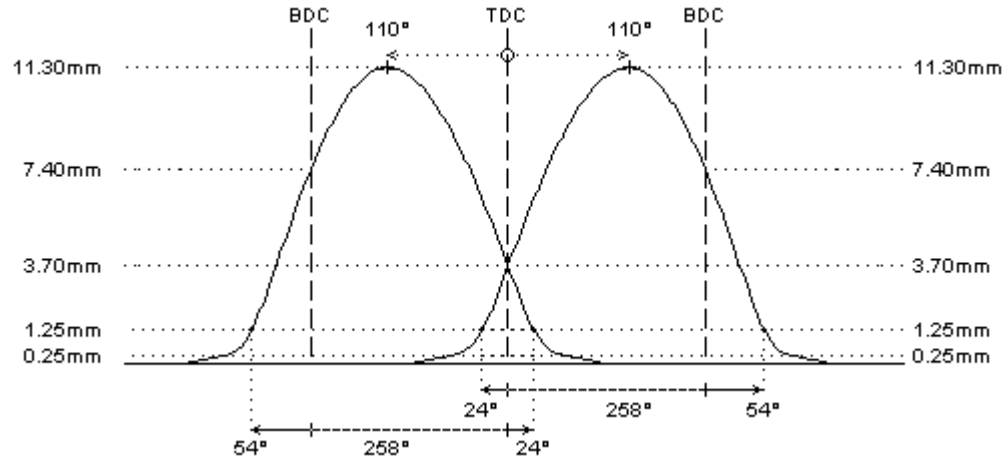
**parts setup:**

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 dirt track applications and pro street use with adjustable engine management or carburetors

# We have two types of adjustable cam sprockets available:

- TBM010: single chain
- TBM012: double chain