

1300530

tarmac rally - race

Bmw M20 B20 125hp

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



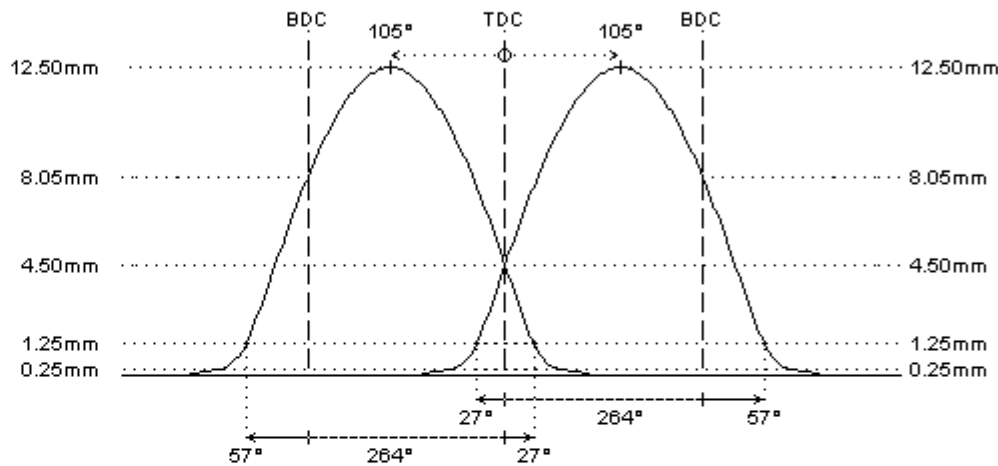
intake **exhaust**

camshaft data:

lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 296°	296°
duration @ 1.0mm	: 264°	264°
valve lift	: 12.50mm	12.50mm
cam lift	: 7.80mm	7.80mm
lobe angle	: 105°	105°
timing @ 1.0mm	: 27° / 57°	57° / 27°
valve lift @ TDC	: 4.50mm	4.50mm

parts setup:

cam wheels :	: CTBM030	:
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	: PAC-E95009	: PAC-E95009
interior spring	: PAC-I95009	: PAC-I95009
fitted load / length	: 33kg @ 35.0mm	: 33kg @ 35.0mm
max. load / lift	: 113kg @ 14.0mm	: 113kg @ 14.0mm



REMARKS :

- # **NOW AVAILABLE: CATCAMS steel billet rocker arms (coated) with original Mahle valve adjustment screws !!!**
- # **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 carburettors

REMARKS :

if required, use extra shims to increase spring load