

1305701

full race

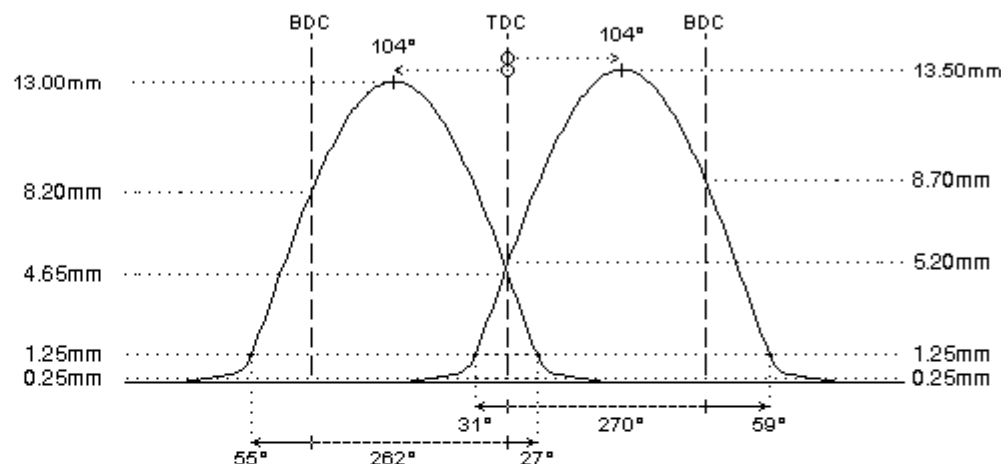
Bmw S65 B40 414hp
V-8cyl 4.0L 32v QOHC



	intake	exhaust
camshaft data:		
lash ramp	: 0.25mm	0.25mm
duration @ 0.1mm	: 314°	306°
duration @ 1.0mm	: 270°	262°
valve lift	: 13.50mm	13.00mm
cam lift	: 13.50mm	13.00mm
lobe angle	: 104°	104°
timing @ 1.0mm	: 31° / 59°	55° / 27°
valve lift @ TDC	: 5.20mm	4.65mm
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