

1304212

sport

Bmw M52 B20 150hp, vanos in
I-6cyl 2.0L 24v DOHC (DTH/DTH)



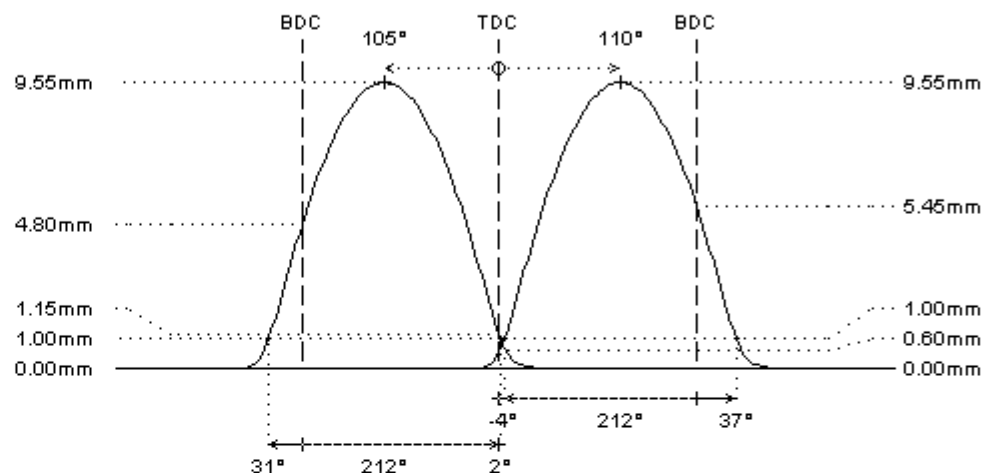
	intake	exhaust
camshaft data:		
lash ramp	: hydro	hydro
duration @ 0.1mm	: 250°	250°
duration @ 1.0mm	: 213°	213°
valve lift	: 9.55mm	9.55mm
cam lift	:	
lobe angle	: 110°	105°
timing @ 1.0mm	: -4° / 37°	31° / 2°
valve lift @ TDC	: 0.60mm	1.15mm

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 @ 37.0mm	: 0kg @ 37.0mm
max. load / lift	: 0kg @ 10.1mm	: 0kg @ 10.1mm

REMARKS :



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- # - steel billet camshafts
- # The VANOS (VVT) system on the intake camshaft changes the valve timing:
 - M52 /B20: from 110° to 85° (exhaust: 105° fix)
 - M52 /B25: from 110° to 85° (exhaust: 105° fix)
 - M52 /B28: from 115° to 90° (exhaust: 105° fix)The data are shown for full intake retard (disengaged VVT). Check distance between valves and piston to be 1mm at least with VVT engaged. Wrong installation will cause severe engine damage!
- # ECU reprogramming required