

7604105

full race

Volkswagen CBT,CBU 170hp (07K) vvt in
I-5cyl 2.5L 20v DOHC



intake exhaust

camshaft data:

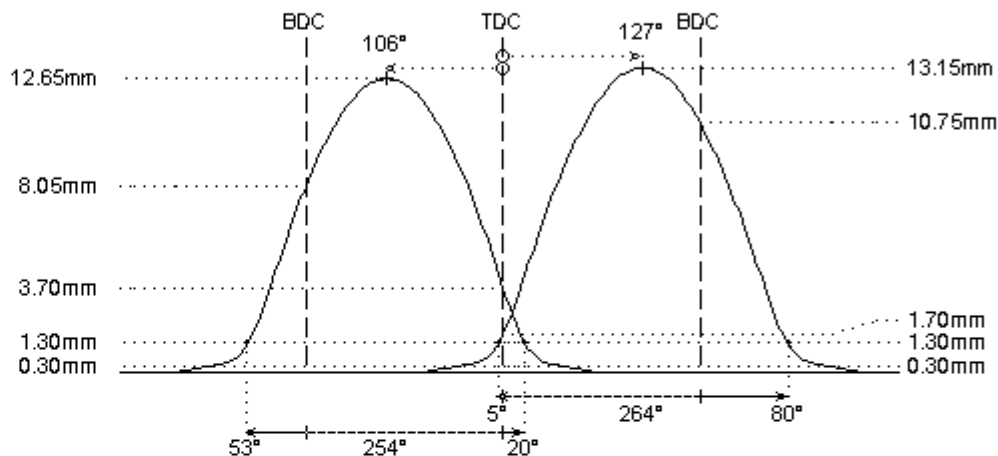
lash ramp	: 0.30mm	0.30mm
duration @ 0.1mm	: 318°	302°
duration @ 1.0mm	: 265°	253°
valve lift	: 13.15mm	12.65mm
cam lift	: 7.80mm	7.50mm
lobe angle	: 127°	106°
timing @ 1.0mm	: 5° / 80°	53° / 20°
valve lift @ TDC	: 1.70mm	3.70mm

parts setup:

cam wheels :	:	:
follower	: CC084	: CC084
valve lash	: TS103	: TS103
valve	: O.E.M.	: O.E.M.
valve locks	: O.E.M.	: O.E.M.
upper retainer	: 99545/s	: 99545/s
lower retainer	: 99548/O	: 99548/O
exterior spring	: PAC-E99865	: PAC-E99865
interior spring	: PAC-I99865	: PAC-I99865

fitted load / length	: 30kg @ 31.0mm	: 32kg @ 30.4mm
max. load / lift	: 79kg @ 13.5mm	: 79kg @ 12.9mm

REMARKS :



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
- # lock or limit range of VANOS system
- # ONLY for use in competition engines with independent engine management (throttle position sensor) or carburetors
- # Valve clearance is indicated at valve tip. For measurements between cam and follower, the indicated valve clearance should be divided by the rocker ratio
- # valve seals must be lowered. Distance between valve seal and retainer must be at least 0.6mm at full lift.