

5502603

sport

Nissan VQ35

V-6cyl 3.5L 24v DOHC (DTx/DTx)



intake **exhaust**

camshaft data:

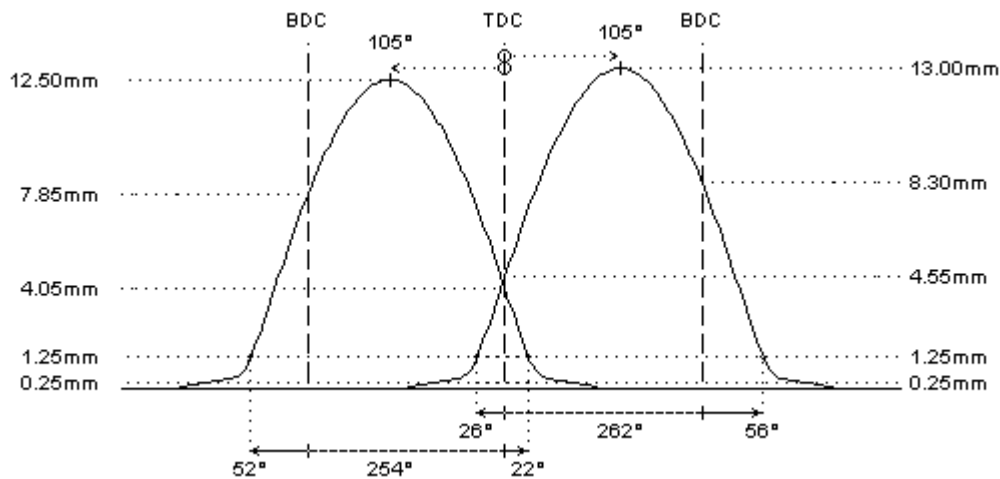
lash ramp	: 0.25mm	0.30mm
duration @ 0.1mm	: 269°	250°
duration @ 1.0mm	: 222°	214°
valve lift	: 10.50mm	10.00mm
cam lift	: 10.50mm	10.00mm
lobe angle	: 125°	112°
timing @ 1.0mm	: -14° / 56°	39° / -5°
valve lift @ TDC	: 0.45mm	0.80mm

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	: 18kg @ 37.0mm	: 18kg @ 37.0mm
max. load / lift	: 45kg @ 10.0mm	: 45kg @ 10.0mm

REMARKS :



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- # steel billet camshafts for use in VQ35 engine with following characteristics:
 - VVT system with 6-slot cam phase trigger on intake camshafts
 - 34mm mechanic cam followers for shimless valve lash adjustment (2mm hole in top surface)
 - > Please contact Cat Cams in case of a different engine version (for example: 2-slot cam phase trigger / 35mm aluminium follower with 31mm shim)
- # The VVT system on the intake camshaft changes the valve timing. The data are shown for full intake retard (disengaged VVT). Check distance between valves and piston to be 1mm at least with VVT engaged (full advance). Wrong installation will cause severe engine damage!
- # This is a very complex engine. The camshafts should only be fitted by experienced professionals who have the tools, skills and patience for correct installation, verification and adjustment of the timing events and all related parts.