

COSWORTH

Cosworth Nissan VQ35 component test and evaluation.

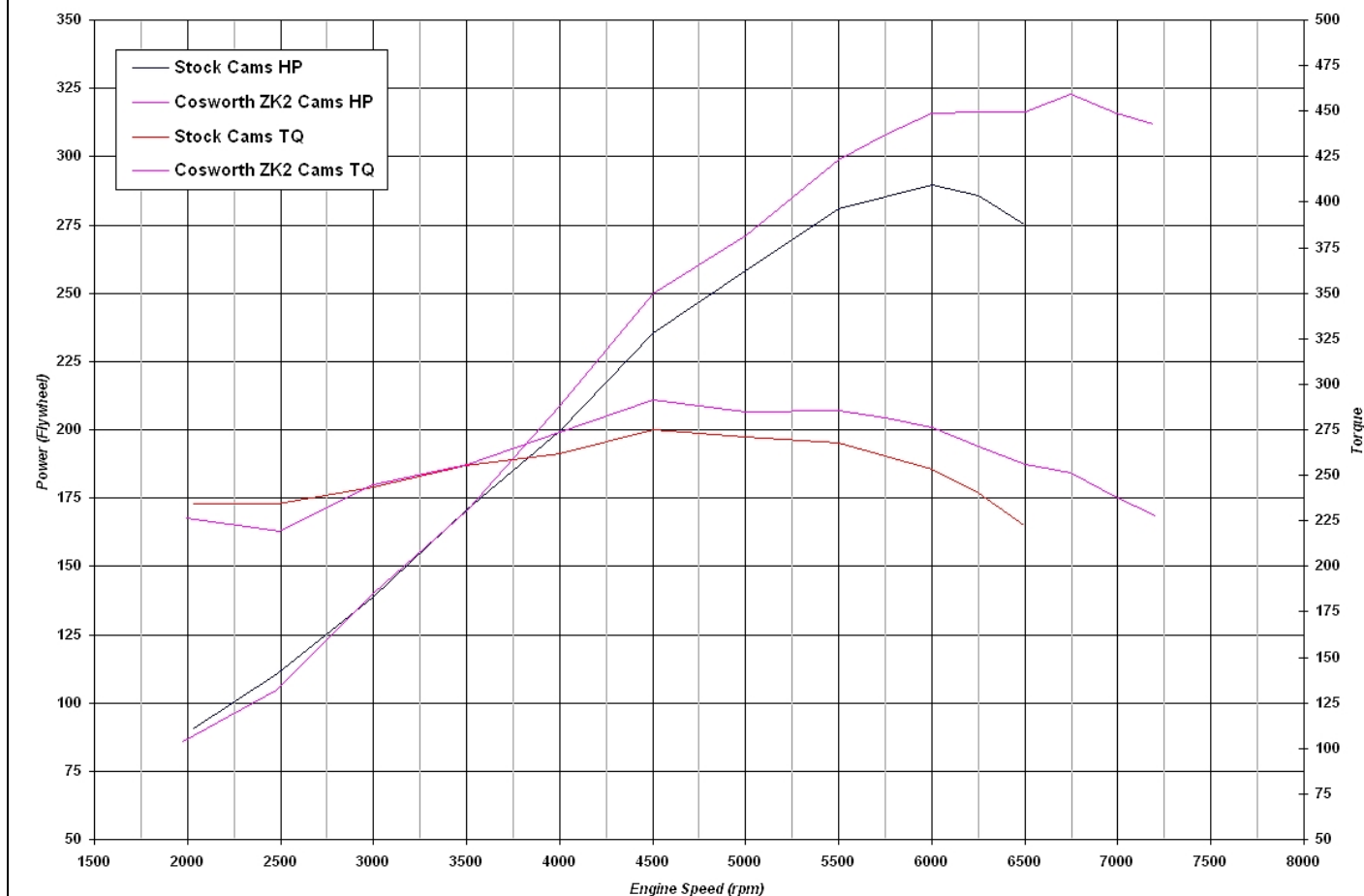


Stock vs. ZK1 cams with stock plenum.

**@6000rpm stock = 289.5bhp/253.6 lb-ft.
ZK1 = 304.45bhp/266.55 lb-ft.**

All runs were performed with pump fuel, short headers, no cats.

VQ35 287HP ZK2 Camshaft Test with Stock Intake Plenum and Short Headers



Stock vs. ZK2 cams with stock plenum.

@6000rpm stock = 289.5bhp/253.6 lb-ft.

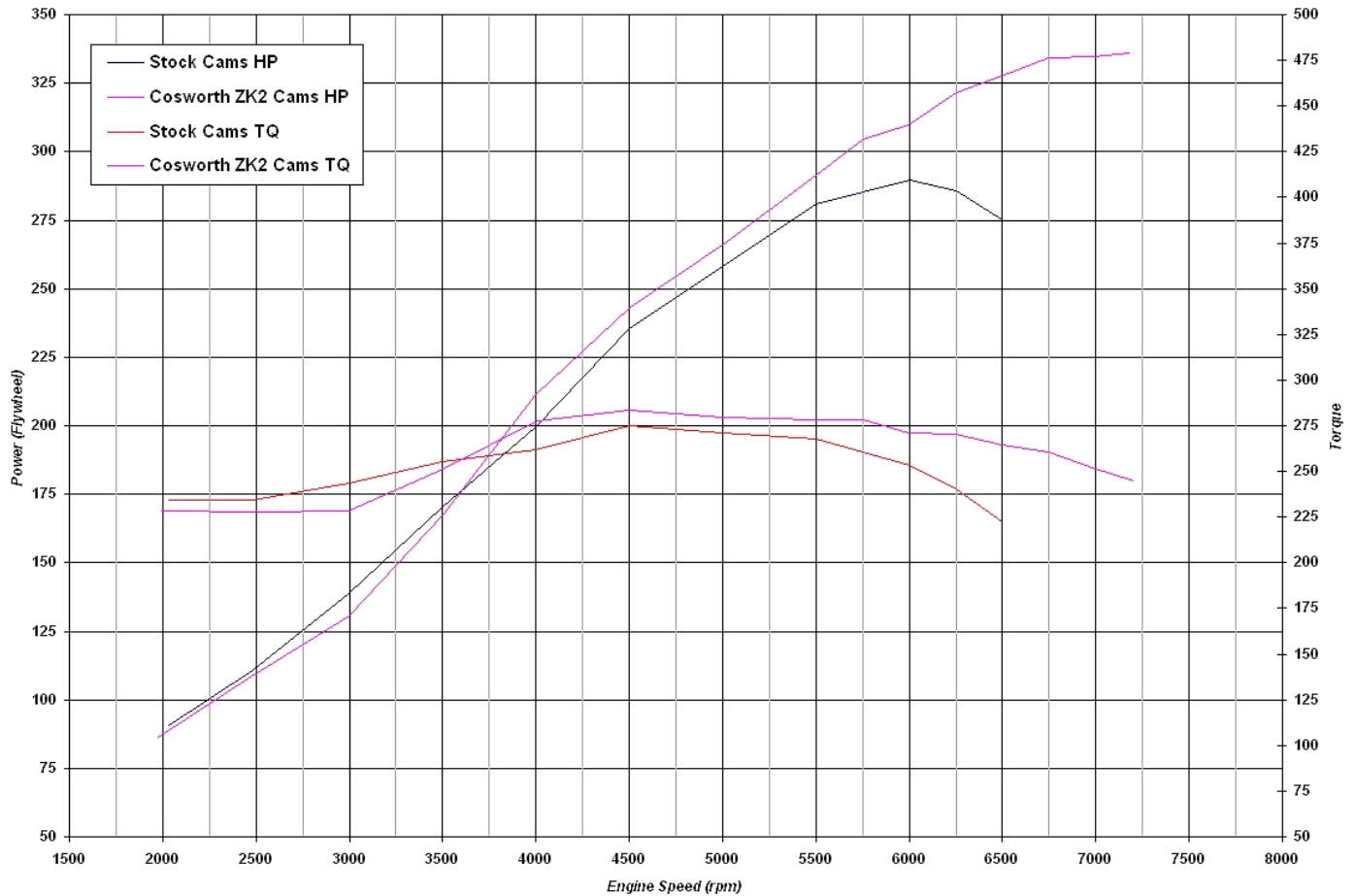
ZK2 = 315.7bhp/276.4 lb-ft.

@6500rpm stock = 275.1bhp/222.4 lb-ft.

ZK2 = 316.5bhp/255.8 lb-ft.

All runs were performed with pump fuel, short headers, no cats. Some minor modifications required to make the engine idle with stock ECU.

VQ35 287HP ZK2 Camshaft Test + Cosworth plenum VS. Stock Cams + Stock Intake Plenum



Stock (w/ stk plenum) vs. ZK2 cams with Cosworth plenum.

@6000rpm stock = 289.5bhp/253.6 lb-ft.

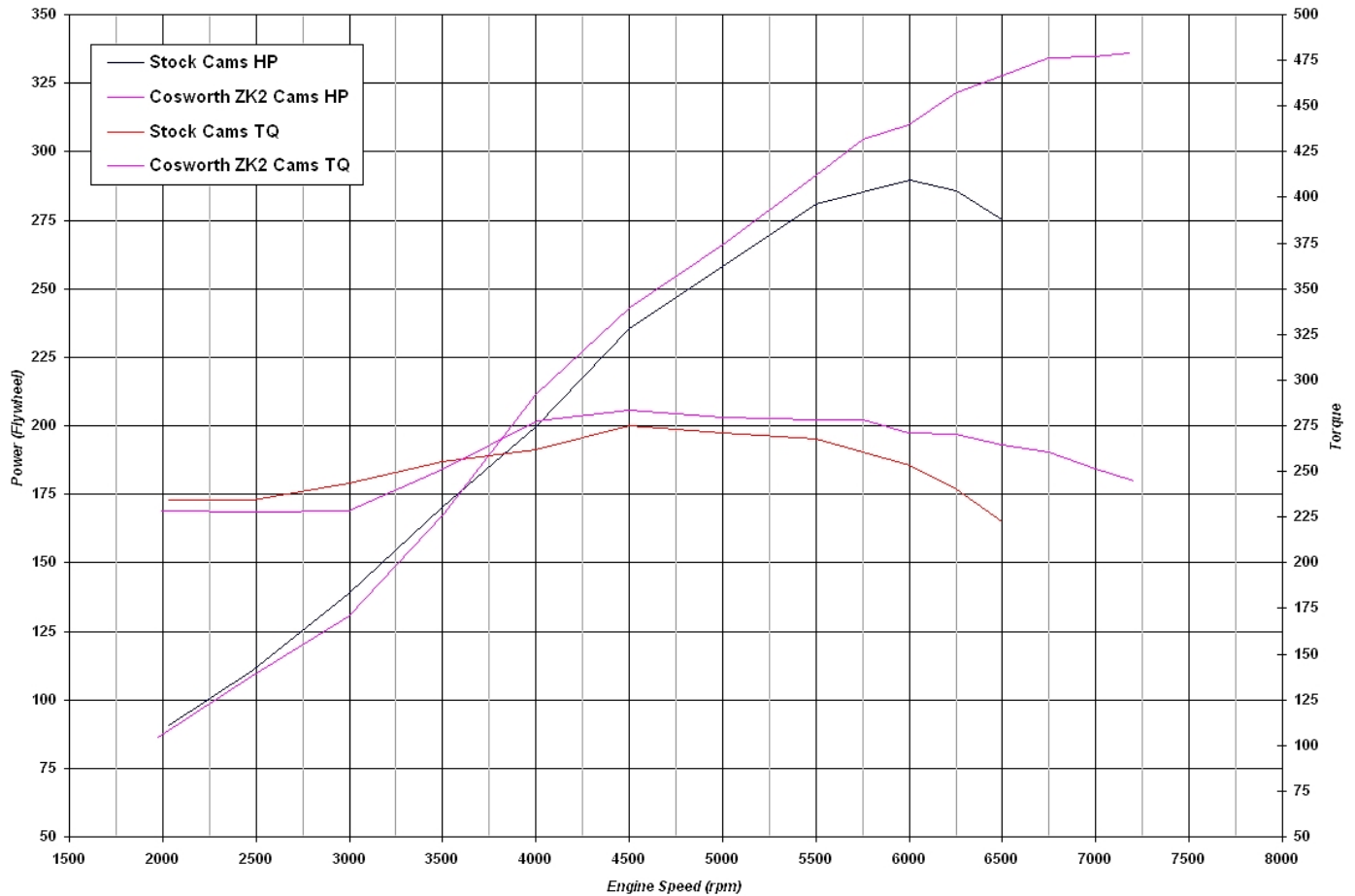
ZK2 = 309.9bhp/271.2 lb-ft.

@6500rpm stock = 275.1bhp/222.4 lb-ft.

ZK2 = 327.6bhp/264.8 lb-ft. (+52.5bhp/+42.4 lb-ft.!!)

All runs were performed with pump fuel, short headers, no cats. Some minor modifications required to make the engine idle with stock ECU. ZK2 requires Cosworth 20000168 single valve springs.

VQ35 287HP ZK2 Camshaft Test + Cosworth plenum VS. Stock Cams + Stock Intake Plenum



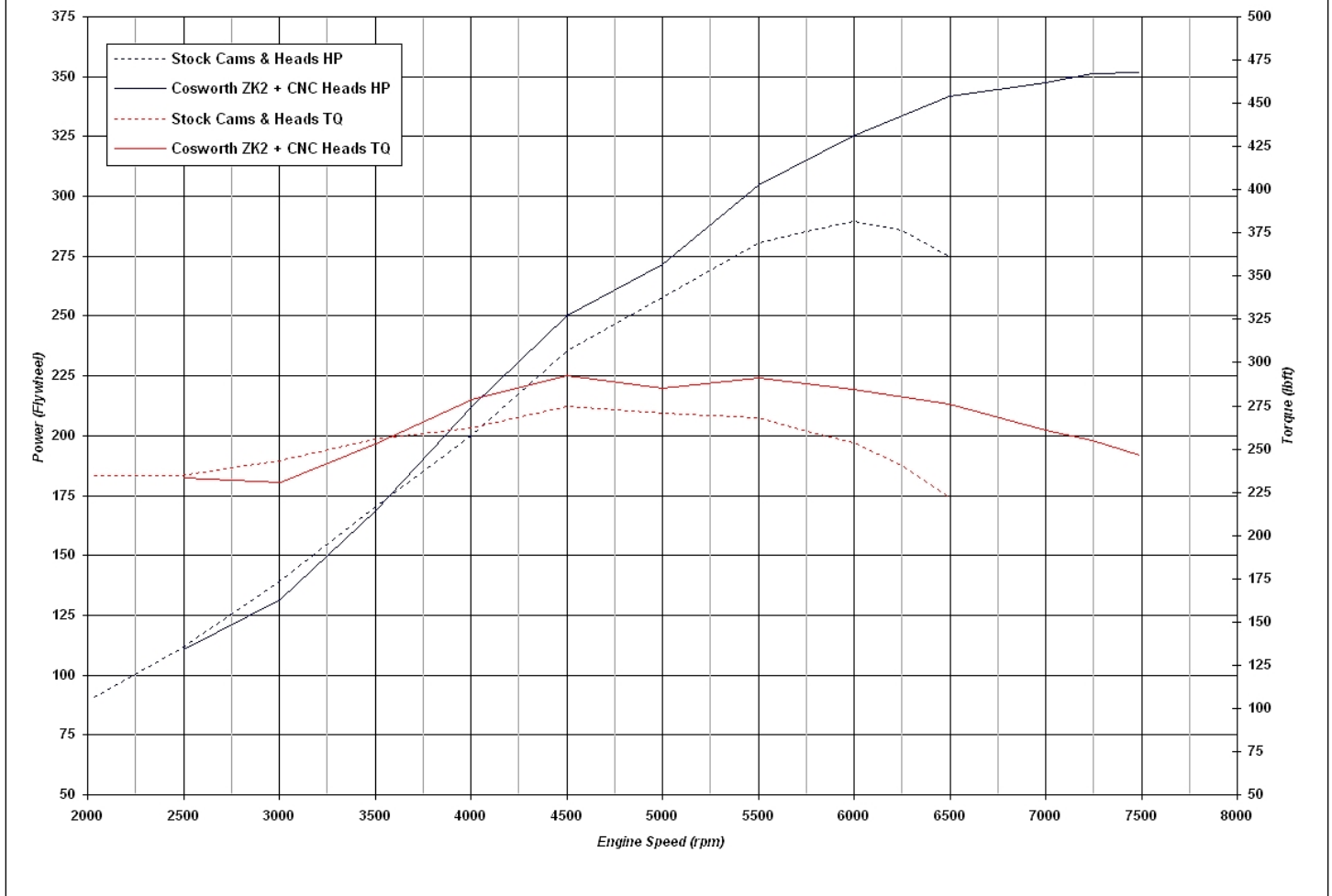
Stock (w/ stk plenum) vs. ZK1 cams with Cosworth plenum.

**@6000rpm stock = 289.5bhp/253.6 lb-ft.
ZK2 = 303.35bhp/265.4 lb-ft.**

**@6500rpm stock = 275.1bhp/222.4 lb-ft.
ZK2 = 316.4bhp/255.65 lb-ft. (+41.3bhp/+33.25 lb-ft.!)**

All runs were performed with pump fuel, short headers, no cats. Some minor modifications required to make the engine idle with stock ECU.

VQ35 287HP Cosworth ZK2 Cams +Cosworth Plenum VS. Stock Cams + Stock Intake Plenum



Stock (w/ stk plenum) vs. ZK2 cams with Cosworth plenum and CNC heads.

**@6000rpm stock = 289.5bhp/253.6 lb-ft.
ZK2 w/ CNC heads = 325.2bhp/284.8 lb-ft.**

**@6500rpm stock = 275.1bhp/222.4 lb-ft.
ZK2 = 341.7bhp/276.2 lb-ft. (+66.6bhp/+53.8 lb-ft.!)**

All runs were performed with pump fuel, short headers, no cats. Some minor modifications required to make the engine idle with stock ECU.

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