ALIGN Racing

Jørgen Nilsen <joergen.nilsen@alignracing.no>

KTM 690cc

8 e-poster

Toronto Injectors <info@torontoinjectors.com> 29. april 2019 kl. 14:11
Til: Joergen Nilsen <joergen.nilsen@alignracing.no>

Hi Joergen,

We have tested Keihin CH07 (KTM Part# 76041023044)

420cc/min
Volume(cc/1000pulses) = 6.9595*PW(ms) - 2.2298
Tested @3bar @23°C @14V, test fluid Viscor 16B

If you have any concerns or questions- just call/ text me at 416-839-9235

Regards,
Andrey

www.TorontoInjectors.com
facebook.com/TorontoInjectors

---- On Sun, 28 Apr 2019 16:07:27 -0400 **<no-reply@parastorage.com>** wrote ----

> **A site visitor** just submitted a new Contact Form
> https://www.torontoinjectors.com/
>
> **Message Details:**
> Name: Joergen Nilsen
> Email: joergen.nilsen@alignracing.no
> Message: Hey! Do you have information on the KTM lc4 690cc injector? I am a part of a formula student team, and we need data on the injector for the KTM 690 engine we are running. Thanks!
>
> To edit your email settings, go to your Inbox on desktop.

Jørgen Nilsen <joergen.nilsen@alignracing.no> 2. mai 2019 kl. 17:25
Til: tmbryhn <thore_morten@hotmail.com>

[Sitert tekst skjult]

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Jørgen Nilsen
Chief Technical Officer, Align Racing UiA

Mobile: +4792299206
Website: www.alignracing.no
Address: Jon Lilletunsvei 9, 4879 Grimstad

Thore-Morten Bryhn <thore_morten@hotmail.com> 2. mai 2019 kl. 19:24
Til: Jørgen Nilsen <joergen.nilsen@alignracing.no>

420cc/min @ 3 bar 👍▨

[Sitert tekst skjult]

Jørgen Nilsen <joergen.nilsen@alignracing.no> 3. mai 2019 kl. 16:05
Til: Toronto Injectors <info@torontoinjectors.com>

Thanks! You don't happen to know the flow values at 4.5 Bar?

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Toronto Injectors <info@torontoinjectors.com> 3. mai 2019 kl. 16:55
Til: "\"Jørgen Nilsen\"" <joergen.nilsen@alignracing.no>

Hi Joergen,

We did not test at 4.5Bar.

Regards,
Andrey

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---- On Fri, 03 May 2019 10:05:01 -0400 **Jørgen Nilsen <joergen.nilsen@alignracing.no>** wrote ----

[Sitert tekst skjult]

Jørgen Nilsen <joergen.nilsen@alignracing.no> 3. mai 2019 kl. 17:04
Til: Toronto Injectors <info@torontoinjectors.com>

Thanks for the fast respond!

Is there any way to calculate the flow at higher pressure? Based on the testing you have done?

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Toronto Injectors <info@torontoinjectors.com> 3. mai 2019 kl. 17:32
Til: "\"Jørgen Nilsen\"" <joergen.nilsen@alignracing.no>

Hi Joergen,

I already gave you equation: Volume(cc/1000pulses) = 6.9595*PW(ms) - 2.2298 (at 3Bars).
Mass flow is proportional to the square root of pressure difference.
So, 4.5BAR / 3BAR = 1.5 and Sq. R of 1.5= 1.224
Use it to calculate new equation for Volume(cc/1000pulses) at 4.5Bars

Regards,
Andrey

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---- On Fri, 03 May 2019 11:04:08 -0400 **Jørgen Nilsen <joergen.nilsen@alignracing.no>** wrote ----

[Sitert tekst skjult]

Jørgen Nilsen <joergen.nilsen@alignracing.no> 3. mai 2019 kl. 17:47
Til: Toronto Injectors <info@torontoinjectors.com>

Awesome, thanks!
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