

CFPRINT # 555 A3047

390F8395.CFG 390FHP6C.FRC

Jul 2 '16 4:49 PM # 1

CAROLINA MACHINE ENGINES

171 Lee Street-Johnston SC 29832-Phone 803-275-2549 www.cmengines.com

DEPAC # 238 Sat Jul 2 '16 4:04 PM F350 Flow Tst# 3047 2900 to 5300 RPM
 390F8395.CFG IF: 19 29.92" Dry Air @ 60F FUEL SG .696 Time 15.5
 2 CU IN:390 BORE:4.11 STROK:3.78 CHIP:6000

r6 -CUSTOMER: PATRICK KIRCHNER ENGINE PT#: 390F110HP6C I SER#: 18395
 Hr6 -CARBURETOR:SS700VS I OIL: CC15W50 I OIL PSI: 60
 Hr6 I PRI JETS: 74 PV: YES I SEC JETS: 82 PV: NO
 Hr6 -VACUUM @ 900 RPM: 15.5 I VACUUM @ 1800 RPM: 20.0" I AIR/FUEL RATIO: 12.5

RPM	C TORQ	C PWR	BSFC	C.F.	OIL T	WAT T	A Dens	Fuel F	TIME
BAND	Ft-Lbs	CHP	#/HrHP		Deg F	Deg F	100 %	#/Hr	SEC
2892*	449.1	247.3	0.58	1.0800	168.0	170.5	89.1	130.2	0.2 5*0
3000*	453.0	258.7	0.56	1.0800	168.0	170.5	89.1	133.7	0.2 5*0
3100*	453.2	267.5	0.56	1.0800	167.5	170.5	89.1	137.0	0.2 5*0
3200*	455.3	277.4	0.55	1.0800	167.5	170.5	89.1	140.3	0.2 5*0
1 3300*	455.1	285.9	0.55	1.0800	167.5	170.5	89.1	143.6	0.4 5*0
0 3400*	453.3	293.4	0.54	1.0800	167.5	171.0	89.1	145.7	0.4 5*0
3500*	454.9	303.2	0.53	1.0800	167.5	170.5	89.1	147.8	0.2 5*0
3600*	451.0	309.7	0.53	1.0800	167.5	170.5	89.1	151.1	0.2 5*0
3700*	457.1	322.0	0.52	1.0800	167.0	170.5	89.1	151.9	0.3 5*0
3800*	459.4	332.4	0.50	1.0800	167.0	170.5	89.1	153.0	0.3 5*0
3900*	462.7	343.6	0.49	1.0800	167.0	170.5	89.1	154.0	0.2 5*0
4000*	458.6	349.3	0.49	1.0800	167.0	170.5	89.1	155.6	0.3 5*0
4100*	456.5	356.4	0.48	1.0800	167.0	170.0	89.1	157.3	0.3 5*0
4200*	455.8	364.5	0.48	1.0800	166.5	170.0	89.1	159.7	0.4 5*0
4300	454.8	372.3	0.464	1.0800	166.5	170.0	89.1	157.7	0.6
4400*	452.0	378.7	0.45	1.0800	166.5	169.5	89.1	157.1	0.4 5*0
4500	448.7	384.4	0.460	1.0800	166.0	169.5	89.1	161.3	0.8
4600	444.0	388.0	0.459	1.0800	166.0	169.0	89.1	162.7	0.9
4700	433.5	388.0	0.463	1.0800	166.0	168.0	89.1	163.4	1.1
4800	428.7	391.0	0.465	1.0800	166.0	167.0	89.1	165.0	0.9
1 4900	427.7	399.1	0.461	1.0800	165.5	166.0	89.1	167.5	0.9
0									
5000	421.0	401.4	0.455	1.0800	165.5	165.0	89.1	166.0	1.1
5100	404.7	393.0	0.471	1.0800	165.5	163.5	89.1	160.1	1.4
5200	386.3	382.4	0.473	1.0800	165.5	161.5	89.1	163.9	1.8
5304	353.0	356.4	0.448	1.0800	165.0	160.0	89.1	144.4	1.8
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AVRG	450.3	350.8	0.491	1.0800	166.7	169.6	89.1	156.2	8.60

2AVERAGE RESULTS From 3300 RPM to 4900 RPM

DEPAC # 238

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