



Performance Report

Twin Vee Powercat 400GFX

MANUFACTURER:	Twin Vee Powercat
LOCATION:	Ft. Pierce, FL
WEBSITE:	www.TwinVee.com
TEST MOTOR:	DF350ATXW
BOAT TYPE:	Catamaran
TEST DATE:	7.22.2022



BOAT

400GFX

MATERIAL	Fiberglass
LENGTH	40'
BEAM	12'
WEIGHT (LB.)	14500
MAXIMUM HP	1400
FUEL CAPACITY (GAL)	750
TRANSOM HEIGHT	25"
STEERING	Electric

ENGINE

SUZUKI DF350ATXW

ENGINE TYPE	4-Stroke 6-Cylinder
HP	350
DISPLACEMENT (L)	267.9..
OPERATING RANGE	5700-6300
WEIGHT (LB.)	727
LUBRICATION	Wet Sump
FUEL DELIVERY	Multi-Point EFI
IGNITION	Solid State
GEAR RATIO	

OTHER SPECS

PROPELLER

MATERIAL	Stainless Steel
DIAMETER/PITCH	15.5" x 25.5"
NUMBER OF BLADES	Twin 3-Blade

MOUNTING HEIGHT

HOLE POSITION	#5 Hole
JACK PLATE	N/A

TEST CONDITIONS

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WATER CONDITIONS	Light Chop
WIND VELOCITY (MPH)	5-10
AIR TEMPERATURE (°F)	85
FUEL LOAD (GAL)	300
WEIGHT ONBOARD	6 Persons Full Safety Gear

PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
IDLE	4.7	2.3	2.03	1368
1000	7.2	4.8	1.49	1003
1500	9.8	8.6	1.14	768
2000	13.7	12.1	1.13	763
2500	22.0	18.2	1.21	815
3000	28.2	27.1	1.04	702
3500	34.5	36.0	0.96	646
4000	40.8	45.2	0.90	609
4500	46.4	56.8	0.82	551
5000	52.5	74.6	0.70	475
5500	57.6	88.0	0.65	442
6000	62.5	117.2	0.53	360
6200	63.4	121.1	0.52	353

PERFORMANCE SUMMARY

TOP SPEED (MPH)	63.4
ACCELERATION (0-25 SEC.)	6.95
OPTIMUM CRUISING (RPM)	2500
RANGE (MILES)	815
BEST CRUISING (RPM)	2500
FUEL EFFICIENCY (MPG)	1.21

FOR MORE INFORMATION

MANUFACTURER	Twin Vee Powercat
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SUZUKI MARINE	suzukimarine.com