

Twin Vee 240 CC PowerCat

MANUFACTURER: Twin Vee Powercat

LOCATION: Ft. Pierce, FL

WEBSITE: www.TwinVee.com

TEST MOTOR: Twin DF150APXW2

BOAT TYPE: Catamaran

TEST DATE: 3.22.2019



BOAT

240 CC POWERCAT

MATERIAL	Fiberglass
LENGTH	24'
BEAM	8' 6"
WEIGHT (LB.)	3500
MAXIMUM HP	300
FUEL CAPACITY (GAL)	92
TRANSOM HEIGHT	25"
STEERING	Hydraulic

ENGINE

SUZUKI DF150APXW2

ENGINE TYPE	4-Stroke 4-Inline
HP	150
DISPLACEMENT (L)	174.9
OPERATING RANGE	5000-6000
WEIGHT (LB.)	531
FUEL DELIVERY	Multi-Point EFI
GEAR RATIO	

OTHER SPECS

PROPELLER

MATERIAL	Stainless Steel
DIAMETER/PITCH	16" x 20"
NUMBER OF BLADES	3

MOUNTING HEIGHT

HOLE POSITION	#2 Hole Up
JACK PLATE	12" Set Back 5" Up

TEST CONDITIONS

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WATER CONDITIONS	Light Chop
WIND VELOCITY (MPH)	5-10
AIR TEMPERATURE (°F)	74
FUEL LOAD (GAL)	70
WEIGHT ONBOARD	3 Persons Full Safety Gear

PERFORMANCE DATA

RPM	MPH	GPH	MPG	RANGE
IDLE	3.5	0.7	4.93	408
1000	4.5	1.4	3.18	263
1500	7.2	2.6	2.79	231
2000	8.0	3.9	2.04	169
3500	24.9	8.7	2.86	236

4000	28.6	11.5	2.48	206
4500	34.1	13.7	2.48	205
5000	38.1	16.3	2.33	193
5500	41.6	22.3	1.86	154
6000	46.4	25.1	1.85	153
6100	48.1	26.1	1.84	153

PERFORMANCE SUMMARY

TOP SPEED (MPH)	48.1
ACCELERATION (0-25 SEC.)	5.82
OPTIMUM CRUISING (RPM)	3000
RANGE (MILES)	237
BEST CRUISING (RPM)	3000
FUEL EFFICIENCY (MPG)	2.86

FOR MORE INFORMATION

MANUFACTURER	Twin Vee Powercat
LOCATION:	Ft. Pierce, FL
SUZUKI MARINE	suzukimarine.com
PHONE:	(772) 429-2525
WEBSITE:	www.TwinVee.com