



# HD 200 OB FREEDOM

## SPECIFICATIONS

	US	Metric
LOA	20' 1"	6.12 m
Beam	8' 3"	2.51 m
Fuel Capacity	40 gal	151 L
Draft (drive up)	18"	46 cm
Draft (drive down)	35"	89 cm
Maximum Capacity	2400 lbs	1089 kg
Persons Capacity	11	8
Approx. Boat Weight	2750 lbs	1247 kg
Approx. Boat & Engine Weight	3200 lbs	1451 kg
Trailer Weight	905 lbs	411 kg
Deadrise	19°	19°
Storage Length on Trailer	N / A	N / A
Bridge Clearance	3' 9"	1.14 m
Keel to Top of Windshield	5' 3"	1.606 m
Total Height	5' 3"	1.60 m
Total Height on Trailer	6' 9"	2.06 m

## POWER RATINGS & WEIGHTS

Engine Type	Propshaft Power		Boat & Engine Weight	
	HP	KW	LBS	KG
MERCURY 115 EXLPT CT	115	86	3125	1420
YAMAHA F115XB	115	86	3140	1425

## RECOMMENDED ENGINE(S)/EQUIPMENT AVG. WEIGHTS

Engine Type	Boat		Engine		Fuel		Access.	
	LBS	KG	LBS	KG	LBS	KG	LBS	KG
MERCURY 115 EXLPT CT	2750	1250	365	165	250	113	150	68

\*Applicable power ratings, weights, & further performance data not available at time of publication.



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## PERFORMANCE

Power HP/ KW	Propeller (Dia x Pitch)		Type	Top Speed		Cruise Range	
	HP/KW	IN		CM	MPH	KPH	MI
MERCURY 115 EXLPT CT	115	14 X 17	36 X 43	AL	35-38	56 - 61	200 320
YAMAHA F115XB	115	13.625 X 14	35 X 36	AL	35-38	56 - 61	170 275

## FUEL FLOW DATA - HD200 OB - MERCURY 115 EXLPT CT

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
1500 RPM	5.4	9	1.1	4
2000 RPM	6.2	10	1.9	7
2500 RPM	9.1	15	2.7	10
3000 RPM	15.9	26	3.0	11
3500 RPM	20.3	33	3.6	14
4000 RPM	23.8	38	4.7	18
4500 RPM	27.4	44	6.3	24
5000 RPM	30.9	50	8.0	30
5500 RPM	34.2	55	10.5	40
WOT	36.0	58	11.3	43

## FUEL FLOW DATA - HD200 OB - YAMAHA F115XB

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000 RPM	6.6	11	1.2	5
2500 RPM	7.5	12	1.9	7
3000 RPM	8.1	13	2.7	10
3500 RPM	10.7	17	3.7	14
4000 RPM	18.2	29	4.2	16
4500 RPM	23.3	37	5.0	19
5000 RPM	26.4	42	6.1	23
5500 RPM	30.1	48	7.9	30
6000 RPM	32.9	53	9.9	37
WOT	35.6	57	10.7	41

Performance and Fuel Flows may vary widely due to Boat Weight, Load, Atmospheric Conditions, Engine Conditions, Weight Distribution, Sea Conditions, Propeller, Boat Bottom Condition, Trim Angle and Operator Technique.