



# HD 220

Includes RS

## SPECIFICATIONS

	US	Metric
LOA	22'1"	6.73 m
LOA w/extended Swim Platform	23'11"	7.29 m
Beam	8'5"	2.54 m
Fuel Capacity	44 gal	166 L
Draft (drive up)	17"	43 cm
Draft (drive down)	33"	84 cm
Draft Volvo FWD (drive up)	30"	76 cm
Draft Volvo FWD (drive down)	35"	89 cm
Maximum Capacity	1800 lbs	816 kg
Persons Capacity	10	9 CE
Approx. Boat Weight	3100 lbs	1406 kg
Approx. Boat & Engine Weight	4170 lbs	1890 kg
Trailer Weight	1260 lbs	572 kg
Deadrise	20°	20°
Storage Length on Trailer	23'2"	7.06 m
Storage Length on Trailer w/ext Swim	25'0"	7.62 m
Bridge Clearance	4'9"	1.45 m
Bridge Clearance RS	4'4"	1.32 m
Bridge Clearance with Arch/Tower	7'7"	2.31 m
Keel to Top of Tower Dn	7'7"	2.31 m
Keel to Top of Windshield	6'2"	1.88 m
Total Height	6'2"	1.88 m
Total Height RS	5'9"	1.75 m
Total Height on Trailer	7'10"	2.39 m
Total Height on Trailer RS	7'5"	2.99 m
Height on Trailer w/Wakeboard Tower Dn	9'3"	2.82 m
Height on Trailer w/Wakeboard Tower Up	10'8"	3.25 m
Potable Water	12 gal	45 L
Ballast Capacity	720 lbs	327 kg

## POWER RATINGS & WEIGHTS

Engine Type	Propshaft Power		Boat & Engine Weight	
	HP	KW	LBS	KG
MC 4.5L 250/B3	250	186	4100	1860
MC 6.2L 300/B1	300	224	4230	1920
MC 6.2L 300/B3	300	224	4230	1920
MC 6.2L 350/B3	300	224	4230	1920
MC 6.2L 350/B3 DTS	300	224	4230	1920
VP V6-240C/DI/DP	240	179	4000	1815
VP V6-280C/DI/DP	280	209	4000	1815
VP V6-280C/DI/FWD	280	209	4000	1815
VP V8-300C/DI/SX	300	224	4100	1860
VP V8-300C/DI/DP	300	224	4100	1860
VP V8-300C/DI/FWD	300	224	4100	1860
VP V8-350C/DI/DP	350	261	4100	1860
VP V8-350CE/DI/DP EVC	350	261	4100	1860
VP V8-350C/DI/FWD	350	261	4100	1860



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

Engine Type	Boat		Engine		Fuel		Access.	
	LBS	KG	LBS	KG	LBS	KG	LBS	KG
VP V8-300C/DI/DP	3100	1410	1000	454	264	120	200	91

## PERFORMANCE

Power HP/ KW	Propeller (Dia x Pitch)		Type	Top Speed		Cruise Range	
	IN	CM		MPH	KPH	MI	KM
MC 4.5L 250/B3	24P	61P	SST	45-48	72 - 77	130	210
MC 6.2L 300/B1	15 1/2 x 17	39 X 43	SST	48-51	77-82	120	190
MC 6.2L 300/B3	26P	66P	SST	49-52	79-84	130	210
MC 6.2L 350/B3	26P	66P	SST	53-56	85-90	130	210
MC 6.2L 350/B3 DTS	26P	66P	SST	53-56	85-90	130	210
VP V6-240C/DI/DP	FH4	FH4	SST	44-47	71-76	140	225
VP V6-280C/DI/DP	FH4	FH4	SST	47-50	76-81	130	210
VP V6-280C/DI/FWD	K4	K4	SST	44-47	71-76	130	210
VP V8-300C/DI/SX	14 3/4 x 17	37 X43	SST	48-51	77-82	130	210
VP V8-300C/DI/DP	FH5	FH5	SST	49-52	79-84	140	225
VP V8-300C/DI/FWD	K4	K4	SST	46-49	74-79	130	210
VP V8-350C/DI/DP	FH5	FH5	SST	53-56	85-90	140	225
VP V8-350CE/DI/DP EVC	FH5	FH5	SST	53-56	85-90	140	225
VP V8-350C/DI/FWD	K5	K5	SST	49-52	79-84	120	190

## FUEL FLOW DATA - HD220 - MC 4.5L 250/B3

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	12	3	10
2500rpm	9	15	5	19
3000rpm	13	21	9	35
3500rpm	26	41	10	39
4000rpm	31	50	12	45
4500rpm	39	62	15	58
5000rpm	44	71	18	67
WOT	48	77	20	74

## FUEL FLOW DATA - HD220 - MC 6.2L 300/B1

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	16	6	23
3000rpm	14	23	11	42
3500rpm	27	44	12	45
4000rpm	32	52	14	53
4500rpm	40	64	18	68
5000rpm	46	74	21	75
WOT	50	81	23	87



<b>FUEL FLOW DATA - HD220 - MC 6.2L 300/B3</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	16	6	23
3000rpm	14	23	11	42
3500rpm	27	43	12	45
4000rpm	33	53	14	53
4500rpm	41	68	18	68
5000rpm	47	76	21	75
WOT	51	82	23	87

  

<b>FUEL FLOW DATA - HD220 - MC 6.2L 350/B3</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	9	14	5	19
2500rpm	19	31	6	23
3000rpm	27	43	8	30
3500rpm	33	53	10	38
4000rpm	40	64	13	49
4500rpm	45	72	18	68
5000rpm	52	84	23	87
WOT	55	89	27	102

  

<b>FUEL FLOW DATA - HD220 - MC 6.2L 350/B3 DTS</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	9	14	5	19
2500rpm	19	31	6	23
3000rpm	27	43	8	30
3500rpm	33	53	10	38
4000rpm	40	64	13	49
4500rpm	45	72	18	68
5000rpm	52	84	23	87
WOT	55	89	27	102

  

<b>FUEL FLOW DATA - HD220 - V6-240C/DI/DP</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	7	12	3	10
2500rpm	9	15	5	19
3000rpm	14	22	6	22
3500rpm	21	34	7	26
4000rpm	24	38	9	32
4500rpm	29	47	10	39
5000rpm	36	57	13	48
5500rpm	42	68	15	58
WOT	47	75	20	74



<b>FUEL FLOW DATA - HD220 - VP V6-280C/DI/DP</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	16	6	22
3000rpm	15	23	7	25
3500rpm	22	36	8	29
4000rpm	25	41	10	36
4500rpm	31	50	12	43
5000rpm	38	61	14	54
5500rpm	45	72	17	65
WOT	50	80	22	83

  

<b>FUEL FLOW DATA - HD220 - VP V6-280C/DI/FWD</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	15	5	19
3000rpm	17	28	6	24
3500rpm	25	41	7	27
4000rpm	30	48	9	32
4500rpm	35	56	11	43
5000rpm	39	63	15	55
5500rpm	44	70	18	70
WOT	46	75	22	83

  

<b>FUEL FLOW DATA - HD220 - VP V8-300C/DI/SX</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	16	6	23
3000rpm	15	24	7	26
3500rpm	24	39	8	30
4000rpm	28	45	10	38
4500rpm	33	53	12	45
5000rpm	40	64	15	57
5500rpm	46	74	18	68
WOT	50	81	23	87

  

<b>FUEL FLOW DATA - HD220 - VP V8-300C/DI/DP</b>				
Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	11
2500rpm	10	16	6	23
3000rpm	15	24	7	26
3500rpm	23	37	8	30
4000rpm	26	42	10	38
4500rpm	32	52	12	45
5000rpm	39	63	15	57
5500rpm	46	74	18	68
WOT	51	82	23	87

**FUEL FLOW DATA - HD220 - VP V8-300C/DI/FWD**

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	8	13	3	12
2500rpm	10	16	5	20
3000rpm	18	29	7	26
3500rpm	26	42	8	29
4000rpm	31	50	9	35
4500rpm	36	58	12	47
5000rpm	41	65	16	59
5500rpm	45	72	20	76
WOT	48	77	24	90

**FUEL FLOW DATA - HD220 - VP V8-350C/DI/DP**

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	9	14	5	19
2500rpm	19	31	6	23
3000rpm	27	43	8	30
3500rpm	33	53	9	34
4000rpm	39	64	12	45
4500rpm	46	74	17	64
5000rpm	50	81	21	79
5500rpm	53	85	23	87
WOT	55	89	27	102

**FUEL FLOW DATA - HD220 - VP V8-350C/DI/DP EVC**

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	9	14	5	19
2500rpm	19	31	6	23
3000rpm	27	43	8	30
3500rpm	33	53	9	34
4000rpm	39	64	12	45
4500rpm	46	74	17	64
5000rpm	50	81	21	79
5500rpm	53	85	23	87
WOT	55	89	27	102

**FUEL FLOW DATA - HD220 - VP V8-350C/DI/DP FWD**

Engine Speed - RPM	Boat Speed		Fuel Flow	
	MPH	KPH	GPH	LPH
2000RPM	9	14	4	15
2500rpm	10	17	6	24
3000rpm	19	30	8	31
3500rpm	28	44	9	35
4000rpm	33	53	11	42
4500rpm	38	61	15	56
5000rpm	43	69	19	71
5500rpm	48	77	24	90
WOT	51	82	29	108

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.