



ENGINE PERFORMANCE TEST



160 Dauntless®: Mercury® 90 OptiMax®

Testing Information

Model: 160 Dauntless

Hull #: BWCE5420I304

Engine: Mercury 90 OptiMax

Horsepower: 90

Gear Ratio: 2.33:1

Prop: 13-1/4 x 20 Laser II

Fuel Capacity: 45 gallons

Notable Options: none

Test Date: Feb. 2, 2004

Weight Summary

Dry Weight: 1,860 lbs

Fuel: 45 gallons

Water: 0 gallons

Test Gear: 0 lbs

Personnel: 370 lbs

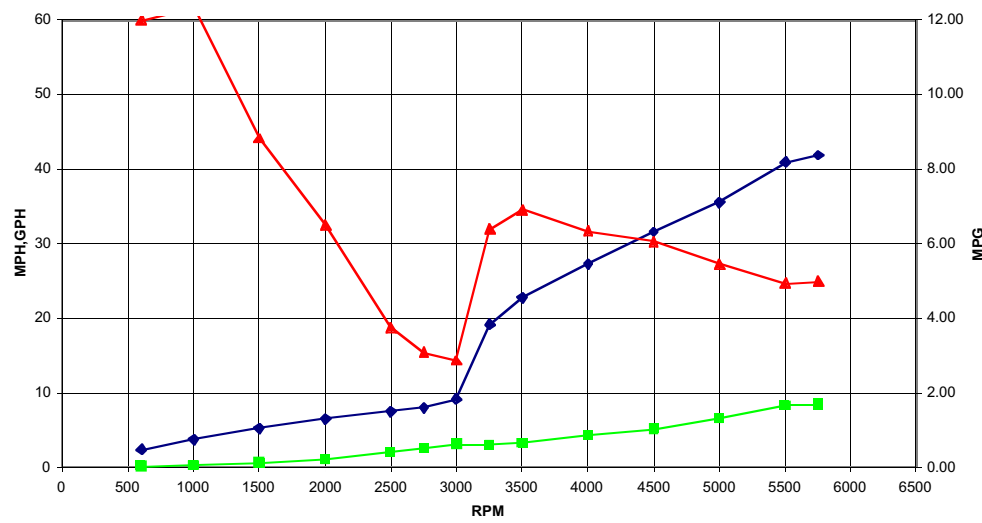
Test Weight: 2,507 lbs

Water Conditions: 59°F

Weather Conditions: 68°F

	RPM	Speed		Fuel Consumption			Noise dB(A)
		mph	knots	gph	mpg	nmpg	
Idle	600	2.4	2.1	0.2	12.00	10.42	60
	1000	3.7	3.2	0.3	12.33	10.71	68
	1500	5.3	4.6	0.6	8.83	7.67	71
	2000	6.5	5.6	1.0	6.50	5.64	71
	2500	7.5	6.5	2.0	3.75	3.26	75
	2750	8.0	6.9	2.6	3.08	2.67	79
	3000	9.2	8.0	3.2	2.88	2.50	81
	3250	19.2	16.7	3.0	6.40	5.56	81
	3500	22.8	19.8	3.3	6.91	6.00	82
	4000	27.3	23.7	4.3	6.35	5.51	85
	4500	31.6	27.4	5.2	6.08	5.28	88
WOT	5000	35.6	30.9	6.5	5.48	4.76	88
	5500	41.0	35.6	8.3	4.94	4.29	91
	5750	41.9	36.4	8.4	4.99	4.33	92

Acceleration: time to plane 5.7 secs
Idle - 30 mph 10.9 secs



- Notes: 1) Speed determined by GPS, Fuel consumption based on total usage by the engines. MPG computed from MPH & GPH. Range based on 90% of total fuel capacity.
- 2) The performance data shown above should be considered valid only for the specific boat whose serial number is shown and on the date this test was performed. Many factors may affect actual performance of this boat or of similar boats. Such factors include, but are not limited to, installation of certain options such as tuna towers and hard tops, vessel loading and trim, weather and sea conditions, engine condition, propeller condition, and hull bottom condition. Boston Whaler makes no guarantee whatsoever that this performance will be repeated on this boat at a later date or at any time on a similarly equipped boat.



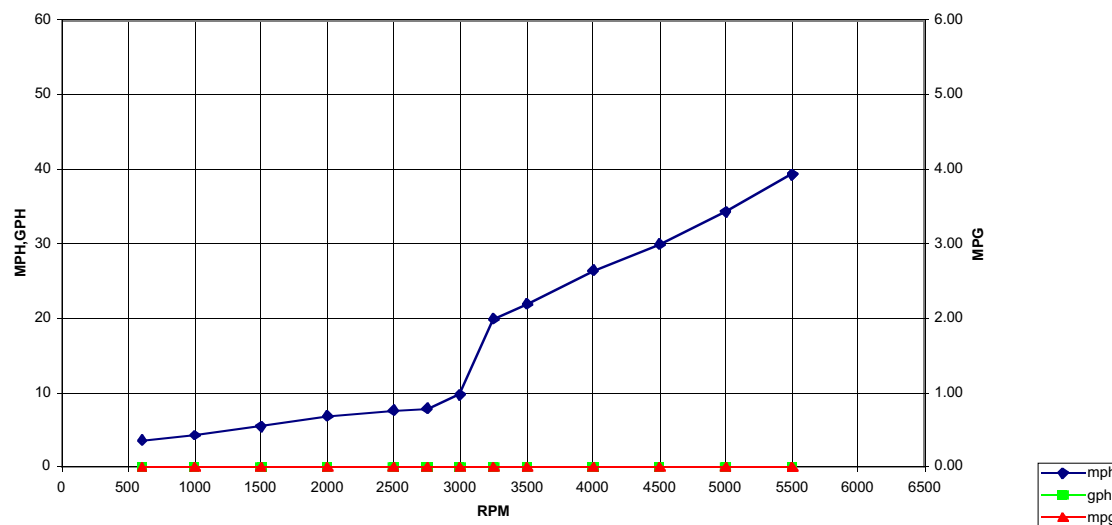
160 Dauntless®: Mercury® 90 Classic

Testing Information

Model: 160 Dauntless
Hull #: BWCBE220E101
Engine: Mercury 90 Classic
Horsepower: 90
Gear Ratio: 2.3:1
Prop: 13 x 19 Black Max
Fuel Capacity: 45 gallons
Notable Options: none
Test Date: Jan. 4, 2002
Weight Summary
Dry Weight: 1,800 lbs
Fuel: 45 gallons
Water: 0 gallons
Test Gear: 0 lbs
Personnel: 380 lbs
Test Weight: 2,457 lbs
Water Conditions: 64°F
Weather Conditions: 35°F

	RPM	Speed		Fuel Consumption			Noise dB(A)
		mph	knots	gph	mpg	nmpg	
Idle	600	3.6	3.1	N/A	N/A	N/A	84
	1000	4.3	3.7	N/A	N/A	N/A	84
	1500	5.5	4.8	N/A	N/A	N/A	88
	2000	6.8	5.9	N/A	N/A	N/A	90
	2500	7.6	6.6	N/A	N/A	N/A	93
	2750	7.8	6.8	N/A	N/A	N/A	93
	3000	9.7	8.4	N/A	N/A	N/A	93
	3250	19.9	17.3	N/A	N/A	N/A	93
	3500	21.9	19.0	N/A	N/A	N/A	94
	4000	26.4	22.9	N/A	N/A	N/A	96
	4500	30.0	26.1	N/A	N/A	N/A	96
WOT	5000	34.3	29.8	N/A	N/A	N/A	98
	5500	39.3	34.1	N/A	N/A	N/A	100
	5500	39.3	34.1	N/A	N/A	N/A	100

Acceleration: time to plane 6.6 secs
 Idle - 30 mph 10.5 secs



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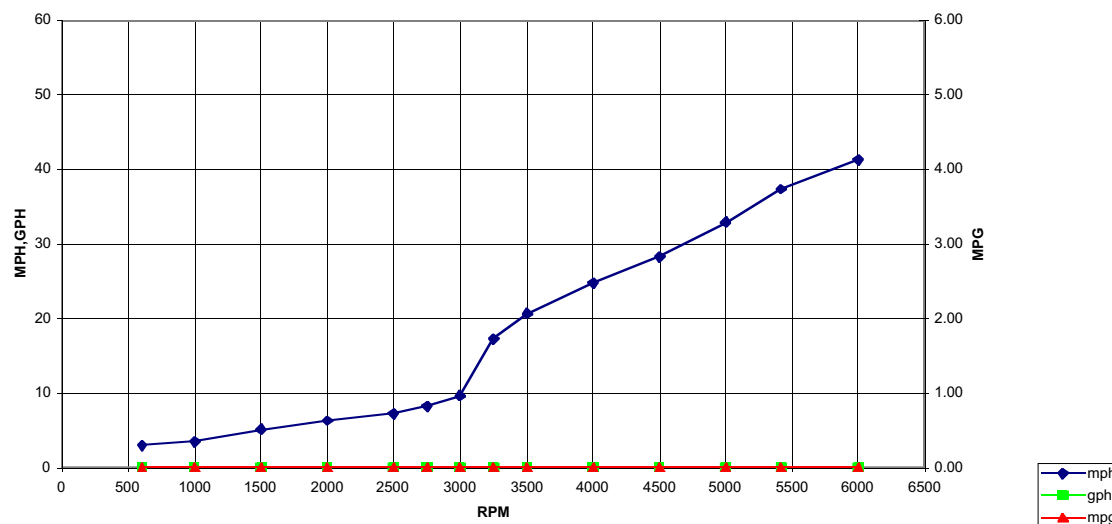
160 Dauntless®: Mercury® 90 FourStroke

Testing Information

Model: 160 Dauntless
Hull #: BWCE2948D202
Engine: Mercury 90 FourStroke
Horsepower: 90
Gear Ratio: 2.33:1
Prop: 13 x 18 Vengeance
Fuel Capacity: 45 gallons
Notable Options: none
Test Date: May 2, 2002
Weight Summary
Dry Weight: 1,890 lbs
Fuel: 6 gallons
Water: 0 gallons
Test Gear: 0 lbs
Personnel: 370 lbs
Test Weight: 2,297 lbs
Water Conditions: N/A
Weather Conditions: 87°F

	RPM	Speed		Fuel Consumption			Noise dB(A)
		mph	knots	gph	mpg	nmpg	
Idle	600	3.0	2.6	N/A	N/A	N/A	64
	1000	3.5	3.0	N/A	N/A	N/A	64
	1500	5.1	4.4	N/A	N/A	N/A	65
	2000	6.3	5.5	N/A	N/A	N/A	72
	2500	7.3	6.3	N/A	N/A	N/A	76
	2750	8.3	7.2	N/A	N/A	N/A	76
	3000	9.6	8.3	N/A	N/A	N/A	76
	3250	17.3	15.0	N/A	N/A	N/A	82
	3500	20.7	18.0	N/A	N/A	N/A	85
	4000	24.8	21.5	N/A	N/A	N/A	85
	4500	28.3	24.6	N/A	N/A	N/A	89
	5000	33.0	28.7	N/A	N/A	N/A	91
WOT	5420	37.4	32.5	N/A	N/A	N/A	92
	6000	41.3	35.9	N/A	N/A	N/A	94

Acceleration: time to plane 5.1 secs
 Idle - 30 mph 9.5 secs



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160 Dauntless®: Mercury® 115 FourStroke

Testing Information

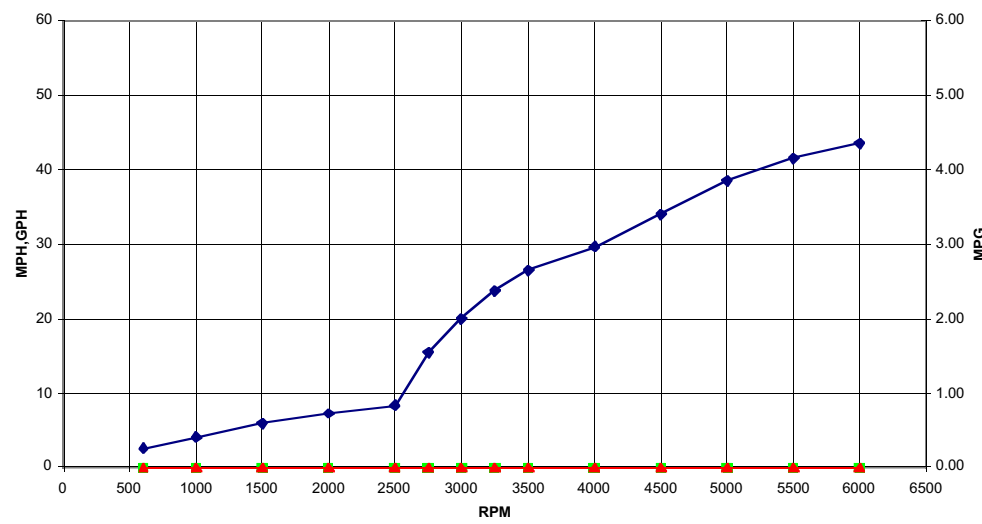
Model: 160 Dauntless
Hull #: BWCBC850K001
Engine: Mercury 115 FourStroke
Horsepower: 115
Gear Ratio: 2.07:1
Prop: 13-1/8 x 16 Vengeance

Fuel Capacity: 45 gallons
Notable Options: none
Test Date: Jan. 12, 2001

Weight Summary
Dry Weight: 1,890 lbs
Fuel: 45 gallons
Water: 0 gallons
Test Gear: 0 lbs
Personnel: 370 lbs
Test Weight: 2,537 lbs
Water Conditions: 48°F
Weather Conditions: 53°F

	RPM	Speed		Fuel Consumption			range (mi)	Noise dB(A)
		mph	knots	gph	mpg	nmpg		
Idle	600	2.6	2.3	N/A	N/A	N/A	N/A	N/A
	1000	4.1	3.6	N/A	N/A	N/A	N/A	N/A
	1500	5.9	5.1	N/A	N/A	N/A	N/A	N/A
	2000	7.3	6.3	N/A	N/A	N/A	N/A	N/A
	2500	8.3	7.2	N/A	N/A	N/A	N/A	N/A
	2750	15.5	13.5	N/A	N/A	N/A	N/A	N/A
	3000	20.0	17.4	N/A	N/A	N/A	N/A	N/A
	3250	23.7	20.6	N/A	N/A	N/A	N/A	N/A
	3500	26.5	23.0	N/A	N/A	N/A	N/A	N/A
	4000	29.7	25.8	N/A	N/A	N/A	N/A	N/A
	4500	34.0	29.5	N/A	N/A	N/A	N/A	N/A
WOT	5000	38.5	33.4	N/A	N/A	N/A	N/A	N/A
	5500	41.6	36.1	N/A	N/A	N/A	N/A	N/A
	6000	43.6	37.9	N/A	N/A	N/A	N/A	N/A

Acceleration: time to plane 6.5 secs
Idle - 30 mph 9.9 secs



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ENGINE PERFORMANCE TEST



160 Dauntless®: Mercury® 115 OptiMax®

Testing Information

Model: 160 Dauntless
Hull #: BWCE5200H304
Engine: Mercury 115 OptiMax
Horsepower: 115
Gear Ratio: 2.07:1

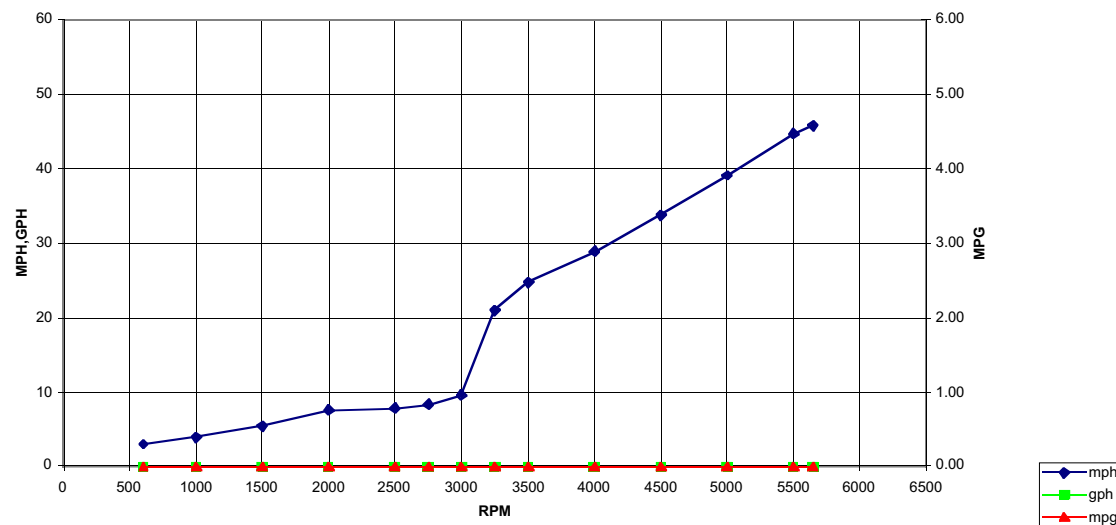
Prop: 13 x 18 Vengeance
Fuel Capacity: 45 gallons
Notable Options: none
Test Date: Sept. 4, 2003

Weight Summary

Dry Weight: 1,860 lbs
Fuel: 45 gallons
Water: 0 gallons
Test Gear: 0 lbs
Personnel: 380 lbs
Test Weight: 2,517 lbs
Water Conditions: 83°F
Weather Conditions: 85°F

	RPM	Speed		Fuel Consumption			range (mi)	Noise dB(A)
		mph	knots	gph	mpg	nmpg		
Idle	600	3.0	2.6	N/A	N/A	N/A	N/A	66
	1000	4.0	3.5	N/A	N/A	N/A	N/A	68
	1500	5.4	4.7	N/A	N/A	N/A	N/A	72
	2000	7.6	6.6	N/A	N/A	N/A	N/A	79
	2500	7.8	6.8	N/A	N/A	N/A	N/A	79
	2750	8.3	7.2	N/A	N/A	N/A	N/A	81
	3000	9.6	8.3	N/A	N/A	N/A	N/A	91
	3250	21.0	18.2	N/A	N/A	N/A	N/A	86
	3500	24.8	21.5	N/A	N/A	N/A	N/A	86
	4000	28.9	25.1	N/A	N/A	N/A	N/A	90
	4500	33.8	29.4	N/A	N/A	N/A	N/A	92
	5000	39.1	34.0	N/A	N/A	N/A	N/A	94
WOT	5500	44.8	38.9	N/A	N/A	N/A	N/A	100
	5650	45.8	39.8	N/A	N/A	N/A	N/A	101

Acceleration: time to plane 6.7 secs
Idle - 30 mph 1.0 secs

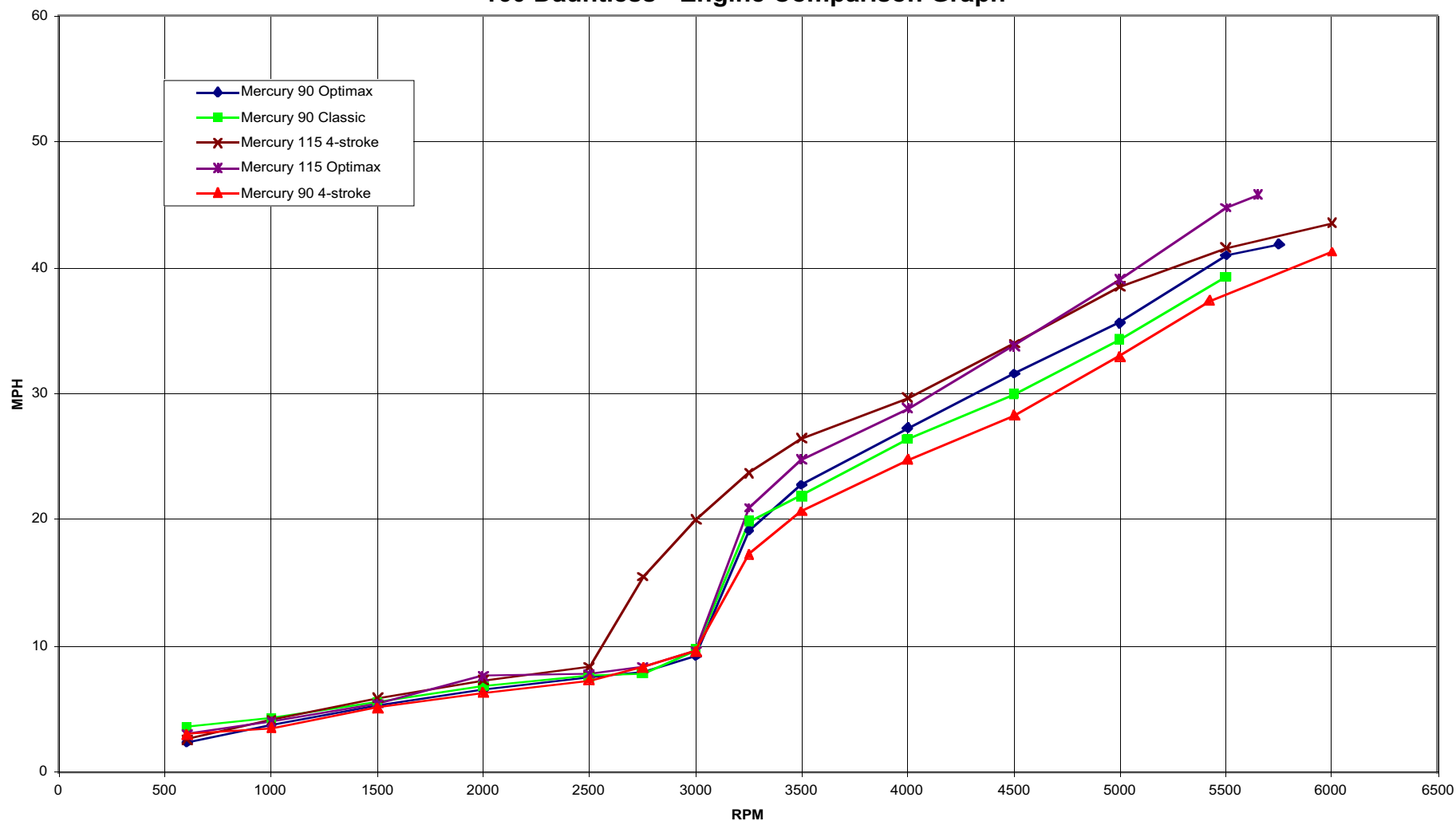


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160 Dauntless®: Engine Comparison Graph

160 Dauntless - Engine Comparison Graph



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