

2013 POWER GUIDE



John Deere Power Systems

By Ken Hocke, Senior Editor

More environmentally friendly marine diesel engines continues to be the trend. It's a trend forced upon the industry, but a trend nevertheless.

EPA Tier 3 emissions legislation for engines in North America will take effect Jan. 1 for 100 hp to 4,000 hp engines with 1.2 liters to 2.5 liters of displacement per cylinder.

At this year's **International Workboat Show** in October, **GE Marine** unveiled its 12-cylinder V250 marine diesel engine that reduces emissions by 50 percent to meet EPA Tier 4i and IMO Tier 3 emission compliance. GE's technology eliminates the need for a

urea-based aftertreatment emissions reduction system, the company says. In addition, the 12V250 engine offers increased power of 4,221 hp at 900 rpm and 4,690 hp at 1,000, designed to maintain low life-cycle cost, reliability and fuel efficiency.

The **Scania** marine engine range for EPA Tier 3 consists of a 13-liter inline six and a 16-liter V8 for use in both marine propulsion and marine auxiliary applications.

Doug Oehrlein, vice president, **Laborde Products**, which handles both **Mitsubishi** and **Yanmar** products, said **Mitsubishi** engines are unique because they all have remained Tier 3 with mechanical controls.

"Everyone else has moved on to electronic engines, most with common-rail, high-pressure systems," Oehrlein said.

Also at this year's **International Workboat Show**, **MAN Engines & Components** spotlighted its new four-stroke diesel engines, including its EPA Tier 3 D2876 LE436 commercial engine.

The **Cummins** QSC8.3 marine engine, unveiled in August, is now Tier 3 certified. The QSC8.3 joins the QSB6.7, released last year, and the QSL9 and QSM11, which will be available soon, to round out Cummins lineup of Tier 3-certified clean diesels for the marine market.

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm

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Cat 3056	6	365	3.94x5.0	—	42.05	30.6	31.5	1,312	—	185 @ 2,100	—	—	—	—
										205 @ 2,500	—	—	—	—
										125 @ 2,600	—	—	—	—
Cat C7 TA	6	442	4.33x5.0	—	48.1	36.2	36.1	1,760	—	275 @ 2,400	—	250 @ 2,400	—	—
									370 @ 2,600	315 @ 2,400	—	—	—	—
Cat C7 (ACERT)	6	442	4.33x5.0	—	48.1	36.2	36.1	1,760	455 @ 2,800	—	—	—	—	—
Cat C9	6	538	4.41x5.87	—	47.2	38.3	38.7	2,086	503 @ 2,500	—	—	—	—	—
(ACERT TA)									567 @ 2,500	—	—	—	—	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w; w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
Cat C12 TA	12	732	5.1x5.9	—	62	38.1	39.5	2,588	570 @ 2,300 600 @ 2,300	385 @ 1,800 454 @ 2,100 490 @ 2,300	340 @ 1,800	—	—	
Cat C12 (ACERT) TA	6	732	5.1x5.9	—	62	38.1	39.5	2,588	660 @ 2,300 705 @ 2,300	—	—	—	—	
Cat C15 (ACERT) TA	6	—	—	—	—	—	—	3,226	800 @ 2,300 853 @ 2,300	—	—	—	—	
Cat C18 TA	6	1,106	5.7x7.2	—	61.3	41.6	46.4	3,700- 4,200	873 @ 2,200 1,001 @ 2,300	479 @ 1,800 385 @ 1,800 553 @ 2,100 600 @ 1,800 671 @ 2,100 715 @ 2,100	340 @ 1,800	454 @ 1,800 587 @ 1,800	—	
Cat C18 (ACERT) TA, TTA	6	1,106	5.7x7.2	—	62.6	44	46.5	3,700- 4,200	873 @ 2,200 918 @ 2,100 1,001 @ 2,300 1,136 @ 2,300	553 @ 2,100 670 @ 2,100 715 @ 2,100	454 @ 1,800	479 @ 1,800 600 @ 1,800	—	
Cat C32 (ACERT)	12	1,959	5.71x6.38	—	77.8	55.4	54.4	7,100- 7,300	1,600 @ 2,300*** 1,700 @ 2,300***	1,300 @ 2,100 1,450 @ 2,300***	660 @ 1,800*** 660 @ 1,600*** 750 @ 1,800*** 750 @ 1,600*** 850 @ 1,800*** 850 @ 1,600***	950 @ 1,600	1,000 @ 1,800***	—
Cat 3508 TTA	8	2,105	6.7x7.5	—	81.8	67.1	71	11,499	1,150 @ 1,800	805 @ 1,300 905 @ 1,600 960 @ 1,800 820 @ 1,300 1,000 @ 1,800	705 @ 1,200	855 @ 1,600 855 @ 1,800	—	—
Cat 3508B TTA	8	2,105	6.7x7.5	—	90.9	67.1	71	10,181- 11,499	1,400 @ 1,880* 1,500 @ 1,925*	850 @ 1,200 960 @ 1,600 960 @ 1,800 1,050 @ 1,600 1,050 @ 1,800 900 @ 1,200 1,000 @ 1,600 1,100 @ 1,800 1,200 @ 1,685* 1,600 @ 1,600*	775 @ 1,200	855 @ 1,600 855 @ 1,800 1,000 @ 1,600 1,000 @ 1,800	—	—
Cat 3508C TTA	8	2,107	6.7x7.5	—	83.4	67	72	10,935	—	850 @ 1,200 900 @ 1,200 1,050 @ 1,600 1,100 @ 1,600	775 @ 1,200	1,000 @ 1,600	—	—
Cat 3512 TTA	12	3,158	6.7x7.5	—	107	67.1	80.8	14,398- 14,411	1,750 @ 1,800	1,301 @ 1,200 1,360 @ 1,600 1,445 @ 1,800 1,408 @ 1,200 1,410 @ 1,600 1,500 @ 1,800	1,207 @ 1,200	1,280 @ 1,600 1,280 @ 1,800	—	—
Cat 3512B TTA	12	3,158	6.7x7.5	—	121	70.2	82.3	14,398- 14,411	2,100 @ 1,880* 2,250 @ 1,925*	1,155 @ 1,200 1,260 @ 1,200 1,750 @ 1,600 1,350 @ 1,200 1,360 @ 1,600 1,360 @ 1,800 1,575 @ 1,600 1,575 @ 1,800 1,210 @ 1,200 1,300 @ 1,200 1,410 @ 1,600 1,410 @ 1,800 1,475 @ 1,200 1,650 @ 1,600 1,650 @ 1,800 1,800 @ 1,785* 1,950 @ 1,835* 1,800 @ 1,785* 1,810 @ 1,600** 2,012 @ 1,600**	1,100 @ 1,200	1,280 @ 1,600 1,300 @ 1,200 1,500 @ 1,200- 1,800 1,500 @ 1,800*** 1,500 @ 1,200 1,675 @ 1,600 1,810 @ 1,600	—	—
Cat 3512B TTA	12	3,576	6.7x7.5	—	121	70.2	82.3	14,144- 14,398	—	1,650 @ 1,600 1,911 @ 1,600 1,850 @ 1,600 2,012 @ 1,600	1,500 @ 1,200- 1,800	1,675 @ 1,600	1,810 @ 1,600	—
Cat 3512C TTA	12	3,161	6.69x7.48	—	105.1	87.9	88.3	14,400- 16,340	—	1,650 @ 1,800 1,359 @ 1,600 1,400 @ 1,200 1,409 @ 1,600 1,500 @ 1,600 1,500 @ 1,200 1,575 @ 1,800 1,600 @ 1,600	1,280 @ 1,600	1,300 @ 1,200 1,400 @ 1,600 1,500 @ 1,800	—	—
Cat 3512C TTA**	12	3,574	6.69x8.46	—	105.1	87.9	88.3	14,400- 16,340	2,541 @ 1,800** 2,551 @ 1,800**	1,600 @ 1,200** 1,700 @ 1,200 1,749 @ 1,600** 1,851 @ 1,600** 1,911 @ 1,600** 2,250 @ 1,800** 2,012 @ 1,600** 2,365 @ 1,800**	1,500 @ 1,200**	1,676 @ 1,600 1,810 @ 1,600**	—	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
Cat 3512C HD Tier 3	12	3,574	6.69x8.46	—	127.2	85	86.8	17,386	—	2,011 @ 1,600	1,810 @ 1,600	—	—	
									—	1,910 @ 1,600	1,501 @ 1,600	—	—	
									—	1,649 @ 1,600	1,340 @ 1,600	—	—	
									—	1,575 @ 1,600	1,501 @ 1,800	—	—	
									—	1,649 @ 1,800	—	—	—	
Cat 3516 TTA	16	4,210	6.7x7.5	—	145.3	67.1	80.8	17,699	2,200 @ 1,800	1,676 @ 1,200	1,603 @ 1,200	—	—	
									—	1,810 @ 1,600	1,710 @ 1,600	—	—	
									—	1,920 @ 1,800	1,710 @ 1,800	—	—	
									—	1,750 @ 1,200	—	—	—	
									—	2,000 @ 1,800	—	—	—	
Cat 3516B TTA	16	4,210	6.7x7.5	—	146.7	80.8	82.3	17,185- 17,699	2,800 @ 1,880* 3,000 @ 1,925	1,750 @ 1,200 2,100 @ 1,600	1,650 @ 1,200 2,682 @ 1,925*	—	—	
								—	—	2,100 @ 1,800	2,000 @ 1,600	—	—	
								—	—	1,850 @ 1,200	2,000 @ 1,800	—	—	
								—	—	2,200 @ 1,600	2,000 @ 1,800***	—	—	
								—	—	2,682 @ 1,600	—	—	—	
Cat 3516B TTA**	16	4,766	6.7x8.5	—	141.1	84.4	81.9	17,185- 17,699	—	2,375 @ 1,600	1,875 @ 1,200	—	—	
								—	—	2,575 @ 1,600	2,260 @ 1,600	—	—	
								—	—	2,500 @ 1,600	2,447 @ 1,600	—	—	
								—	—	2,682 @ 1,600	—	—	—	
								—	—	2,400 @ 1,785*	—	—	—	
Cat 3516C TTA**	16	4,765	6.69x8.46	—	125.4	84.3	84.6	17,550- 19,025	3,386 @ 1,800** 2,816 @ 1,600	2,375 @ 1,600 2,575 @ 1,600	2,000 @ 1,600 2,448 @ 1,600	—	—	
								—	—	3,004 @ 1,800	—	—	—	
								—	—	2,500 @ 1,600	—	—	—	
								—	—	2,682 @ 1,600	—	—	—	
								—	—	3,151 @ 1,800	—	—	—	
Cat 3516C TTA	16	4,211	6.69x7.48	—	148	84.3	84.6	17,550- 19,025	—	1,750 @ 1,200	—	—	—	
								—	—	2,100 @ 1,600	—	—	—	
								—	—	1,850 @ 1,200	—	—	—	
								—	—	2,216 @ 1,600	—	—	—	
								—	—	2,681 @ 1,600	2,446 @ 1,600	—	—	
Cat 3516C HD	16	4,765	6.69x8.46	—	125.7	89.9	87.6	19,454	3,385 @ 1,800	2,574 @ 1,600	2,131 @ 1,600	—	—	
									—	2,346 @ 1,600	—	—	—	
									—	2,239 @ 1,600	—	—	—	
									—	3,150 @ 1,800	—	—	—	
									—	3,003 @ 1,800	—	—	—	
Cat C280-6	6	6,773	11.0x11.8	—	158	71	108	34,496	—	2,548 @ 900	2,320 @ 900	—	—	
Cat C280-8	8	9,031	11.0x11.8	—	195	71	104	41,800	—	2,722 @ 1,000	2,481 @ 1,000	—	—	
Cat C280 12 TTA	12	13,546	11.0x11.8	—	182	80	134	57,276	—	3,393 @ 900	3,084 @ 900	—	—	
Cat C280 12 TTA	12	13,546	11.0x11.8	—	182	80	134	57,276	—	3,634 @ 1,000	3,299 @ 1,000	—	—	
Cat C280 16 TTA	16	18,062	11.0x11.8	—	224	80	134	62,832	—	5,096 @ 900	4,640 @ 900	—	—	
Cat C280 16 TTA	16	18,062	11.0x11.8	—	224	80	134	62,832	—	5,444 @ 1,000	4,962 @ 1,000	—	—	
Cat C280 16 TTA	16	18,062	11.0x11.8	—	224	80	134	62,832	—	7,268 @ 1,000	6,598 @ 1,000	—	—	
Cat C280 16 TTA	16	18,062	11.0x11.8	—	224	80	134	62,832	—	6,785 @ 900	6,169 @ 900	—	—	
Cat C280 16 TTA	16	18,062	11.0x11.8	—	224	80	134	62,832	—	7,577 @ 1,000	—	—	—	

*Fuel consumption tolerance +5 percent. Reflects European standards, **High-displacement engine (HD), ***Wide operating speed range

CATERPILLAR MARINE POWER SYSTEMS (MAK)

Ph: +49 (0) 40 2380-3000 • Fax: +49 (0) 40 2380-3535

Neumuehlen 9 • 22763 Hamburg, Germany

www.mak-global.com • E-mail: ju_marketing@CAT.com

MaK 6 M 20 C	6	3,478	7.9x11.8	—	159.4	61.4	107.4	11,500	—	—	1,390 @ 900	—	—
									—	—	1,469 @ 900	—	—
									—	—	1,550 @ 1,000	—	—
MaK 6 M 25 C	6	7,505	7.9x11.8	—	210.4	88.2	148.5	23,500	—	—	1,632 @ 1,000	—	—
									—	—	2,370 @ 720	—	—
									—	—	2,450 @ 750	—	—
									—	—	2,856 @ 720	—	—
									—	—	2,856 @ 750	—	—
MaK 6 M 32 C	6	14,155	12.6x18.9	—	234	93.3	169.8	39,500	—	—	2,720 @ 720	—	—
									—	—	3,920 @ 600	—	—
									—	—	4,080 @ 600	—	—
MaK 6 M 43 C	6	32,398	16.9x24	—	234	93.3	169.8	—	—	—	7,344 @ 500	—	—
									—	—	7,344 @ 514	—	—
									—	—	8,160 @ 500	—	—
									—	—	8,160 @ 514	—	—
									—	—	8,568 @ 500	—	—
MaK 7 M 43 C	7	37,828	16.9x24	—	234	93.3	169.8	—	—	—	8,568 @ 514	—	—
									—	—	9,520 @ 500	—	—
									—	—	9,520 @ 514	—	—
									—	—	9,996 @ 500	—	—
									—	—	9,996 @ 514	—	—
MaK 8 M 20 C	8	4,576	7.9x11.8	—	190.9	66.7	113	14,500	—	—	1,850 @ 900	—	—
									—	—	1,958 @ 900	—	—
									—	—	2,070 @ 1,000	—	—
MaK 8 M 25 C	8	9,945	10x15.7	—	247.6	90.4	154.2	30,000	—	—	2,176 @ 1,000	—	—
									—	—	3,160 @ 720	—	—
									—	—	3,808 @ 720	—	—
									—	—	3,808 @ 750	—	—
									—	—	3,260 @ 750	—	—
MaK 8 M 32 C	8	18,853	12.6x18.9	—	281.5	85.8	172.1	108,027	—	—	3,630 @ 720	—	—
									—	—	5,220 @ 600	—	—
									—	—	5,440 @ 600	—	—
MaK 8 M 43 C	8	43,258	16.9x24	—	281.5	85.8	172.1	251,327	—	—	9,792 @ 500	—	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
									—	—			9,792 @ 514	
									—	—			10,880 @ 500	
									—	—			10,880 @ 514	
									—	—			11,424 @ 500	
									—	—			11,424 @ 514	
MaK 9 M 20 C	9	—	—	—	—	—	—	15,000	—	—			2,082 @ 900	
									—	—			2,203 @ 900	
									—	—			2,326 @ 1,000	
									—	—			2,448 @ 1,000	
MaK 9 M 25 C	9	11,226	10x15.7	—	210.4	90.4	154.2	32,000	—	—			3,550 @ 720	
									—	—			3,880 @ 720	
									—	—			3,670 @ 750	
									—	—			4,080 @ 720	
									—	—			4,080 @ 750	
									—	—			4,284 @ 720	
									—	—			4,284 @ 750	
MaK 9 M 32 C	9	21,171	12.6x18.9	—	308.7	85.8	179.8	112,436	—	—			6,120 @ 600	
									—	—			5,880 @ 600	
MaK 9 M 43 C	9	48,627	16.9x24	—	308.7	85.8	179.8	279,987	—	—			11,016 @ 500	
									—	—			11,016 @ 514	
									—	—			12,240 @ 500	
									—	—			12,240 @ 514	
									—	—			12,852 @ 500	
									—	—			12,852 @ 514	
MaK 12 M 32 C	12	24,715	12.6x18.1	—	—	—	—	143,301	—	—			7,830 @ 720	
									—	—			8,160 @ 720	
									—	—			8,160 @ 750	
									—	—			8,650 @ 720	
									—	—			8,650 @ 750	
									—	—			9,139 @ 720	
									—	—			9,139 @ 750	
MaK 12 M 43 C	12	64,857	16.9x24	—	—	—	—	352,740	—	—			14,688 @ 500	
									—	—			14,688 @ 514	
									—	—			16,320 @ 500	
									—	—			16,320 @ 514	
									—	—			17,136 @ 500	
									—	—			17,536 @ 514	
MaK 16 M 32 C	16	33,008	12.6x16.5	—	339.4	114.8	191.5	180,779	—	—			10,880 @ 720	
									—	—			10,880 @ 750	
									—	—			10,445 @ 720	
									—	—			11,533 @ 720	
									—	—			11,533 @ 750	
									—	—			12,186 @ 720	
									—	—			12,186 @ 750	
MaK 16 M 43 C 1686,455		16.9x24	—	339.4	114.8	191.5	485,017	—	—	—			19,584 @ 500	
									—	—			19,584 @ 514	
									—	—			21,760 @ 500	
									—	—			21,760 @ 514	
									—	—			22,848 @ 500	
									—	—			22,848 @ 514	

CUMMINS INC.

Ph: 800-DIESELS • Fax: 800-232-6393

4500 Leeds Ave. • Suite 301 • Charleston, SC 29405

marine.cummins.com • E-mail: wavemaster@cummins.com

NTA855-M*	6	855	5.50x6.0	—	61	32	53	3,160	—	—			325 @ 1,800
									—	—			400 @ 1,800
KTA19-M3*	6	1,150	6.25x6.25	—	74	40	75	4,570	—	—			500 @ 1,800
									640 @ 1,800	—			530 @ 1,800
KTA19-M3*	6	1,150	6.25x6.25	—	74	40	75	4,570	—	—			600 @ 1,800
KTA19-M4	6	1,150	6.25x6.25	—	74	40	75	4,570	700 @ 2,100	—			—
QSK19-M**	6	1,150	6.25x6.26	—	79	38	74	4,825	—	750 @ 1,800			600 @ 1,800
									—	760 @ 2,100			660 @ 1,800
									—	—			500 @ 1,800
									—	—			800 @ 2,100
KTA38-M0	12	2,300	6.25x6.25	—	84	58	82	9,300	—	—			750 @ 1,600
									—	—			800 @ 1,800
									—	—			850 @ 1,800
KTA38-M1	12	2,300	6.25x6.25	—	84	58	82	9,300	1,100 @ 1,800	—			900 @ 1,600
									—	—			1,000 @ 1,800
KTA38-M2	12	2,300	6.25x6.25	—	84	58	82	9,300	1,300 @ 1,800	1,400 @ 1,950			1,050 @ 1,600
									1,350 @ 1,950	—			1,500 @ 2,050
									1,350 @ 1,900	—			(Intermittent)
KTA38-M2*	12	2,300	6.25x6.25	—	84	58	82	9,300	1,350 @ 1,900	—			1,200 @ 1,800
KTA50-M2	16	3,067	6.25x6.25	—	106	62	89	11,389	1,600 @ 1,900	1,875 @ 1,950			1,400 @ 1,600*
									1,700 @ 1,800	—			—
									1,800 @ 1,900*	—			—
KTA-M2*	16	3,067	6.25x6.25	—	106	62	89	11,389	1,800 @ 1,900	—			1,600 @ 1,800
QSK38-M**	12	2,300	6.25x6.25	—	84	58	82	10,230	1,350 @ 1,900	—			1,200 @ 1,800
									1,400 @ 1,800	—			1,300 @ 1,800
QSK38-M1	12	2,300	6.25x6.25	—	90	62	88	10,604	—	—			—
QSK50-M**	16	3,067	6.25x6.25	—	125	65	83	14,584	1,800 @ 1,800*	—			1,600 @ 1,800*
									1,800 @ 1,900*	—			1,700 @ 1,800*
QSK50-M1	16	3,068	6.25x6.25	—	109	62	88	13,594	1,800 @ 1,600*	—			1,700 @ 1,600**
									1,800 @ 1,800**	—			1,700 @ 1,800*
									1,800 @ 1,900**	—			1,800 @ 1,900
QSK60-M**	16	3,672	6.25x7.48	—	130	69	95	19,300	2,300 @ 1,900*	2,500 @ 1,900**			2,000 @ 1,600**
									—	2,700 @ 1,900*			2,000 @ 1,800*

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w; /w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
									—	—			2,200 @ 1,800**	
									—	—			2,680 @ 1,900**	
									—	—			(Intermittent)	
									—	—			2,700 @ 1,900*	
K38-M**	12	2,300	6.25x6.25	—	84	58	82	9,300	—	—			(Intermittent)	
									—	—			850 @ 1,800	
QSB6.7**	6	408	4.21x4.88	—	42.3	35.35	33.74	1,398	247 @ 2,600	301 @ 2,600			1,000 @ 1,800	
									—	—			227 @ 3,000	
									—	—			(Intermittent)	
									—	—			349 @ 2,800	
									—	—			(Intermittent)	
									—	—			375 @ 3,000	
									—	—			(Intermittent)	
									—	—			419 @ 3,000	
									—	—			(Intermittent)	
									—	—			473 @ 3,300	
									—	—			(Gov. Services)	
									—	—			542 @ 3,300	
									—	—			(Gov. Services)	
QSC8.3**	6	505	4.49x5.31	—	46.2	33	38.7	1,975	—	—			593 @ 3,000	
									—	—			(Gov. Services)	
									—	—			493 @ 2,600	
									—	—			(Intermittent)	
QSL9	6	542	4.49x5.71	—	46.2	33.2	42.8	2,000	326 @ 1,800*	400 @ 2,100*			281 @ 1,800*	
									330 @ 1,800**	400 @ 2,100**			285 @ 1,800**	
QSM11-300	6	661	4.92x5.79	—	52.3	43.5	39.9	2,620	400 @ 2,100*	450 @ 2,100*			295 @ 1,800*	
QSM11-355	6	661	4.92x5.79	—	52.3	42.5	40.9	2,610	—	—			350 @ 1,800*	
									—	—			602 @ 2,300**	
									—	—			(Intermittent)	
									—	—			661 @ 2,300	
									—	—			(Gov. Services)	
									—	—			705 @ 2,500	
									—	—			(Gov. Services)	
PRIME POWER														
6BT5.9-D(M)	6	359	4.02x4.75	—	40	24	47	940	104 @ 1,500					
									122 @ 1,500					
									121 @ 1,800					
									150 @ 1,800					
QSB7-DM	6	408	4.21x4.88	—	50.5	37.5	39.1	1,561	132 @ 1,800**					
									150 @ 1,800**					
									164 @ 1,500*					
									174 @ 1,800**					
									190 @ 1,800**					
									220 @ 1,500*					
									250 @ 1,800**					
									282 @ 1,800**					
QSM11-DM	6	661	4.92x5.79	—	58	43	41	2,464	355 @ 1,500*					
									355 @ 1,800**					
									425 @ 1,800**					
6CTA8.3M	6	505	4.49x5.32	—	47	28	45	1,505	164 @ 1,500					
									188 @ 1,800					
6CTA8.3-D M	6	505	4.92x5.79	—	58	43	41	1,545	355 @ 1,500*					
									270 @ 1,800					
									252 @ 1,800					
									242 @ 1,800					
									220 @ 1,500					
									219 @ 1,500					
NT855-DM	6	855	5.50x6.0	—	61	32	53	3,060	280 @ 1,500					
									310 @ 1,500					
									325 @ 1,500					
									340 @ 1,800					
									355 @ 1,800					
									395 @ 1,800					
NTA855-DM	6	855	5.50x6.0	—	61	32	53	3,160	450 @ 1,500					
									365 @ 1,800*					
									375 @ 1,500					
									380 @ 1,500*					
									410 @ 1,500					
									420 @ 1,800					
									480 @ 1,800					
									525 @ 1,800					
									450 @ 1,500					
									540 @ 1,500					
									600 @ 1,500					
									620 @ 1,800					
									680 @ 1,800					
KTA19-DM	6	1,150	6.25x6.25	—	74	40	75	4,570	480 @ 1,500*					
									550 @ 1,500*					
									570 @ 1,800*					
									650 @ 1,800*					
									580 @ 1,500*					
									755 @ 1,800*					
									565 @ 1,500*					
									690 @ 1,800					
									750 @ 1,500*					
									750 @ 1,800					
									815 @ 1,800					
									850 @ 1,500					
									890 @ 1,500					
									1,030 @ 1,800					
									1,080 @ 1,500					
									1,085 @ 1,800					
									1,180 @ 1,500					

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w/); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty		
					L	W	H		hp	rpm	hp	rpm	hp	rpm	
KTA38-DM1	12	2,300	6.25x6.25	—	84	58	82	9,300	1,220 @ 1,800	1,350 @ 1,800	1,000 @ 1,500	1,100 @ 1,800	1,180 @ 1,500*		
									1,300 @ 1,800*	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
QSK38-DM*	12	2,300	6.25x6.25	—	106	65	79	10,230	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
									1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500	1,400 @ 1,800	1,320 @ 1,500
QSK38 DM1	12	2,300	6.25x6.25	—	90	62	88	11,973	1,320 @ 1,500**	1,400 @ 1,800	1,180 @ 1,500	1,206 @ 1,500	1,340 @ 1,800	1,350 @ 1,800	
									1,400 @ 1,800	1,180 @ 1,500	1,206 @ 1,500	1,340 @ 1,800	1,350 @ 1,800	1,470 @ 1,500	1,635 @ 1,800
									1,400 @ 1,800	1,180 @ 1,500	1,206 @ 1,500	1,340 @ 1,800	1,350 @ 1,800	1,470 @ 1,500	1,635 @ 1,800
									1,400 @ 1,800	1,180 @ 1,500	1,206 @ 1,500	1,340 @ 1,800	1,350 @ 1,800	1,470 @ 1,500	1,635 @ 1,800
									1,400 @ 1,800	1,180 @ 1,500	1,206 @ 1,500	1,340 @ 1,800	1,350 @ 1,800	1,470 @ 1,500	1,635 @ 1,800
KTA50-DM	16	3,067	6.25x6.25	—	106	62	89	11,973	1,350 @ 1,800	1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
KTA50-D(M1)	16	3,067	6.25x6.25	—	106	62	89	11,973	1,350 @ 1,800	1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
									1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800
KTA50-D(M1)*	16	3,067	6.25x6.25	—	106	62	89	11,973	1,470 @ 1,500*	1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	
									1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800	
									1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800	
									1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800	
									1,530 @ 1,800	1,730 @ 1,800*	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800	
QSK50-DM	16	3,068	6.25x6.25	—	125	65	83	14,584	1,630 @ 1,500*	1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800			
									1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800				
									1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800				
									1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800				
									1,800 @ 1,800*	2,095 @ 1,500	2,547 @ 1,800				
QSK60-DM	16	3,672	6.25x7.48	—	130	69	95	19,300	2,095 @ 1,500	2,547 @ 1,800					
									2,547 @ 1,800						
									2,547 @ 1,800						
									2,547 @ 1,800						
									2,547 @ 1,800						

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MECHANICAL ENGINES												
4BT3.9-150	4	239	4.02x4.72	—	30.7	27.7	30.4	932	—	150 @ 2,800	—	—
155 INT/HO												
6BT5.9-152	6	359	4.02x4.72	—	42.3	28.0	32.0	1,120	—	152 @ 2,500	—	—
MCD												
6BT5.9-180	6	359	4.02x4.72	—	42.3	28.0	32.0	1,120	—	180 @ 2,800	—	—
MCD												
6BT5.9-210/ 220 INT/HO	6	359	4.02x4.72	—	42.3	28.0	32.0	1,120	—	210 @ 2,600	—	—
6BTA5.9-250/ HO	6	359	4.02x4.72	—	40.5	32.5	33.0	1,140	250 @ 2,600	—	—	—
6BTA5.9-260/ 270 INT/HO	6	359	4.02x4.72	—	40.5	32.5	33.0	1,140	—	260 @ 2,600	—	—
6BTA5.9-300 HO	6	359	4.02x4.72	—	41	32.2	30.4	1,280	—	300 @ 2,800	—	—
6BTA5.9-315/ 330 INT/HO	6	359	4.02x4.72	—	41.0	32.2	30.4	1,280	—	315 @ 2,800	—	—
6BTA5.9-370 HO	6	359	4.02x4.72	—	41.0	32.2	30.4	1,280	370 @ 3,000	—	—	—
6CTA8.3-430/ 450 INT/HO	6	505	4.49x5.31	—	45.7	35.8	36.3	1,885	—	430 @ 2,600	—	—
NTA855-M 350 CON	6	855	5.5x6.0	—	77.8	36.8	62.9	3,150	—	—	350 @ 1,800	—
ELECTRONIC ENGINES												
QSB5.9-230	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	—	230 @ 2,600	—	—
QSB5.9-305	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	—	305 @ 2,600	—	—
QSB5.9-330	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	330 @ 2,600	330 @ 2,600	—	—
QSB5.9-355	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	—	355 @ 2,800	355 @ 1,800	—
QSB5.9-380	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	380 @ 3,000	—	—	—
QSB5.9-425	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	425 @ 3,000	425 @ 3,000	—	—
QSB5.9-440	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	440 @ 3,400	—	—	—
QSB5.9-480	6	359	4.02x4.72	—	40.8	32.9	34.6	1,350	480 @ 3,400	—	—	—
QSC8.3-500	6	505	4.49x5.31	—	46.2	33.0	35.4	1,975	—	500 @ 2,600	—	—
QSC8.3-550	6	505	4.49x5.31	—	46.2	33.0	38.8	1,975	550 @ 3,000	—	—	—
QSC8.3-600	6	600	4.49x5.31	—	46.2	33.0	38.8	1,975	600 @ 3,000	—	—	—
QSM11-300	6	661	4.92x5.79	—	52.3	42.5	40.9	2,610	—	—	300 @ 1,800	—
QSM11-355	6	661	4.92x5.79	—	52.3	42.5	40.9	2,610	—	—	355 @ 1,800	—
QSM11-405	6	661	4.92x5.79	—	52.3	42.5	40.9	2,610	—	405 @ 2,100	—	—
QSM11-455	6	661	4.92x5.79	—	52.3	42.5	40.9	2,610	—	455 @ 2,100	—	—
QSM11-610	6	661	4.92x5.79	—	52.3	43.5	39.9	2,620	—	610 @ 2,300	—	—
QSM11-645	6	661	4.92x5.79	—	52.3	43.5	39.9	2,620	645 @ 2,300	—	—	—
QSM11-670	6	661	4.92x5.79	—	52.3	43.5	39.9	2,620	670 @ 2,300	—	—	—

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4045DFM50	4	276	4.17x5.0	w/o	29.8	29.8	35.5	963	—	85 @ 2,500	75 @ 2,400	—
4045DFM70	4	276	4.21x5.0	w/o	29.8	26.6	35.4	963	—	80 @ 2,500	—	—
4045TFM50	4	276	4.17x5.0	w/o	29.4	32.5	35.9	1,017	150 @ 2,600	135 @ 2,500	—	—
4045TFM75	4	276	4.21x5.0	w/o	29.4	32.6	34.7	1,019	—	135 @ 2,600	107 @ 2,400	—
4045AFM85	4	276	4.21x5.00	w/o	29.6	30.3	38	1,274	225 @ 2,600	200 @ 2,500	160 @ 2,300	—
6068SFM50	6	414	4.17x5.0	w/o	41.3	34.4	34.7	1,748	300 @ 2,600	236 @ 2,400	—	—
6068SFM75	6	414	4.17x5.0	w/o	40.7	35.7	35.9	1,895	400 @ 2,800	321 @ 2,600	249 @ 2,400	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
6068AFM75	6	414	4.19x5.0	w/o	40.7	33.6	35.9	1,790	330 @ 2,600	300 @ 2,500	230 @ 2,300			
6068AFM85	6	414	4.21x5.00	w/o	40.7	33.6	35.9	1,732	330 @ 2,600	300 @ 2,500	230 @ 2,300			
6068TFM50	6	414	4.17x5.0	w/o	39.5	32.6	34.7	1,609	225 @ 2,600	175 @ 2,400	—			
6068TFM75	6	414	4.21x5.0	w/o	39.5	32.6	34.7	1,609	—	201 @ 2,600	158 @ 2,400			
6068TFM85	6	414	4.17x5.00	w/o	40.7	35.7	35.9	1,682	400 @ 2,800	321 @ 2,600	249 @ 2,400			
6090AFM75	6	548	4.65x5.0	w/o	51.1	36.9	37.5	2,229	425 @ 2,400	375 @ 2,300	285 @ 2,100			
6090SFM75	6	548	4.65x5.0	w/o	50.9	38.4	38.7	2,350	500 @ 2,500	425 @ 2,300	325 @ 2,100			
6090AFM85	6	548	4.65 x 5.35	w/o	51.1	36.9	37.5	2,229	425 @ 2,400	375 @ 2,300	285 @ 2,100			
6090SFM85	6	548	4.65x5.35	w/o	50.9	38.4	38.7	2,350	550 @ 2,500	425 @ 2,300	325 @ 2,100			
6135AFM75	6	824	5.20x6.50	w/o	51.8	42.3	45.9	3,300	575 @ 2,100	500 @ 2,000	365 @ 1,800			
6135SFM75	6	824	5.20x6.50	w/o	52.5	40.6	46.8	3,362	750 @ 2,200	575 @ 2,000	425 @ 1,800			

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BF4M1013M	4L	290.47	4.2x5.1	—	44.3	22.2	46.7	1,102	—	127 @ 2,300	97 @ 1,900
BF4M1013MC	4L	290.47	4.2x5.1	—	44.3	22.2	46.7	1,213	—	158 @ 2,300	109 @ 2,300
BF6M1013M	6L	436.32	4.2x5.1	—	55.4	33.5	47.1	1,433	—	173 @ 2,300	119 @ 1,900
BF6M1013MC	6L	436.32	4.2x5.1	—	55.4	33.5	47.1	1,543	—	233 @ 2,300	137 @ 2,300
BF6M1013MCP	6L	436.32	4.2x5.1	—	55.4	33.5	47.1	1,543	—	261 @ 2,300	145 @ 1,900
BF6M1015M	6V	726.79	5.2x5.7	—	54.3	51.8	45.6	2,381	—	—	165 @ 2,300
BF6M1015MC	6V	726.79	5.2x5.7	—	58.3	51.8	44.8	2,602	—	322 @ 2,100	174 @ 1,900
BF8M1015MC	8V	968.45	5.2x5.7	—	64.9	52.5	41.6	3,043	—	402 @ 2,100	198 @ 2,300
TCD 2015M V6	6V	726.18	5.2x5.7	—	59.5	51.8	44.9	2,909	—	450 @ 2,100	189 @ 1,800
TCD 2015M V8	8V	970.27	5.2x5.7	—	67.1	52.4	44.9	3,394	—	600 @ 2,100	332 @ 1,800
									—	489 @ 1,900	350 @ 2,100
									—	489 @ 2,100	365 @ 1,800
									—	666 @ 1,800	385 @ 2,100
									—	680 @ 1,900	442 @ 1,800
									—	680 @ 2,100	466 @ 2,100
									—	680 @ 2,100	488 @ 1,800
									—	680 @ 2,100	513 @ 2,100
									—	680 @ 2,100	528 @ 1,800
									—	680 @ 2,100	598 @ 1,800
									—	680 @ 2,100	612 @ 1,900
									—	680 @ 2,100	612 @ 2,100

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EMD 8-710	8	710	9-1/16x11	—	144	77	109	26,000	—	2,200 @ 900	2,000 @ 900
G7C-T3											
EMD 12-710	12	710	9-1/16x11	—	185	77	116	33,000	—	3,300 @ 900	3,000 @ 900
G7C-T3											
EMD 16-710	16	710	9-1/16x11	—	223	77	116	40,500	—	4,400 @ 900	4,000 @ 900
G7C-T3											
EMD 20-710	20	710	9-1/16x11	—	257	77	124	46,600	—	5,500 @ 900	5,000 @ 900
G7C-T3											

* All engines are available in EPA Tier 3 configuration at the same ratings.

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FM-MAN	9	—	10.6x15.0	—	252	82	143	90,388	—	—	4,100 @ 800
L27/28											
Opposed Piston	12	—	8.1x10.0	—	365	130	130	85,979	—	—	4,416 @ 900
38D 8 1/8											
FM/ALCO 251 F	18	—	9.0x10.5	—	412	106	137	94,797	—	—	4,008 @ 1,100
Coit-Pielstick	20	—	11.0x13.0	—	443	78	142	171,958	—	—	9,380 @ 900
PA6B											
FM-MAN L,	18	—	12.6x15.7	—	337	147	167	189,595	—	—	11,592 @ 750
V 32/40											
FM-MAN	9	—	15.7x21.3	—	394	111	172	213,846	—	—	8,694 @ 550
L 40/54											
Coit-Pielstick	20	—	11.0x13.0	—	315	104	135	90,388	—	—	10,860 @ 1,050
PA6B STC											
FM-MAN	20	—	11.0x13.8	—	265	76	133	108,245	—	—	13,420 @ 1,000
28/33D Plus											
Coit-Pielstick	18	—	15.7x18.1	—	357	149	148	200,618	—	—	11,700 @ 520
PC2.5 STC											
FM-MAN L,	18	—	18.9x23.6	—	507	217	195	582,014	—	—	24,120 @ 500
V 48/60B											
Coit-Pielstick	20	—	15.7x19.7	—	466	157	188	308,644	—	—	20,100 @ 600

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
PC2.6B FM-MAN L 58/64	9	—	22.8x25.2	—	496	139	202	478,398	—	—	—	—	16,776 @ 428	
Colt-Pielstick PC4 2B	18	—	22.4x26.0	—	413	224	252	727,518	—	—	—	—	31,986 @ 430	

FIAT POWERTRAIN TECHNOLOGIES

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www.ftppowertrain.com • E-mail: Jeff.WILLIAMS@ftpindustrial.com

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3190 SW 4th Ave. • Fort Lauderdale, FL 33315
www.mshs.com • E-mail: torsten.schmitt@mshs.com

S30 230 (SOFIM 230)	4	—	3.77x4.09	—	37.8	30.1	29.6	728	230 @ 4,000	176 @ 3,500	—	—
N45 100 (N 100)	4	—	4.09x5.20	—	36.1	30.6	32.7	992	90 @ 2,800	100 @ 2,800	86 @ 2,800	—
N67 150 (N 150)	6	—	4.09x5.20	—	45	30.8	35.7	1,168	150 @ 2,800	125 @ 2,800	125 @ 2,800	—
N40 250 (N 250)	4	—	4.02x4.72	—	39.3	31.6	30.6	1,080	250 @ 2,800	—	200 @ 2,800	—
N67 280 (NEF 280)*	6	—	4.09x5.20	—	47.2	32	31.3	1,334	280 @ 2,800	230 @ 2,800	179 @ 2,500	—
N60 400** (NEF 400)	6	—	4.02x4.72	—	48.2	32	30.6	1,312	400 @ 3,000	246 @ 2,800	—	—
N67 450 (NEF 450)**	6	—	4.09x5.20	—	52	32	30	1,312	450 @ 3,000	200 @ 2,800	—	—
N67 570 (NEF 570)**	6	—	4.09x5.19	—	42.9	30.7	31.8	1,433	570 @ 3,000	260 @ 2,800	—	—
C87 620 (C 620)	6	—	4.61x5.31	—	50.6	30.7	37.8	2,072	450 @ 3,000	330 @ 3,000	—	—
C90 650 (C 650)	6	—	4.61x5.31	—	50.6	30.7	37.8	2,072	620 @ 2,530	370 @ 3,000	—	—
C87 380 (C 380)	6	—	4.53x4.92	—	61.2	37	37.1	2,072	420 @ 3,000	270 @ 3,000	380 @ 2,000	—
C13 500 (C 500)	6	—	5.31x5.91	—	71.4	40.1	41.6	2,965	—	350 @ 3,000	—	—
C13 825 (C 825)	6	—	5.31x5.91	—	73.5	41.7	43.9	3,086	500 @ 2,530	370 @ 3,000	—	—
									450 @ 2,530	550 @ 2,530	—	—
									620 @ 2,530	500 @ 2,530	—	—
									650 @ 2,530	—	—	—
									—	410 @ 2,000	—	—
									—	500 @ 2,530	—	—
									—	450 @ 2,530	—	—
									—	520 @ 2,000	—	—
									825 @ 2,300	600 @ 2,300	500 @ 2,000	—
									—	650 @ 2,300	—	—
									—	750 @ 2,300	—	—

* Not EPA Tier 2 compliant — for use outside U.S. only, ** The Models N67 400, N67 450, and N67 500 are also available as Pod-Drive Package with ZF 2800-1 Pod Drive.

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HPE 80	4	76.16	2.7x3.1	—	22	18.1	26.1	352	80 @ 4,000	—	—	—
HPE 80 Sail Drive	4	76.16	2.7x3.2	—	39.9	23.9	43.8	452	75 @ 3,800	—	—	—
HPE 110	4	76.16	2.7x3.2	—	22	18.1	26.1	392	110 @ 4,000	—	—	—
HPE 110 Jet Drive	4	76.16	2.7x3.2	—	65.9	29.8	28.5	476	110 @ 4,400	—	—	—
HPE 150	4	116.55	3.2x3.6	—	30.1	29.8	28.1	529	110 @ 4,000	—	—	—
HPEP 150 Stern Drive	4	116.55	3.2x3.6	—	62.7	29.8	50	529	150 @ 4,000	—	—	—
HPE 170	4	116.55	3.2x3.6	—	30.1	29.8	28.1	529	170 @ 4,000	—	—	—
HPEP 170 Stern Drive	4	116.55	3.2x3.6	—	62.7	29.8	50	529	170 @ 4,000	—	—	—
HPE 190	4	116.55	3.2x3.6	—	30.1	29.8	28.1	529	190 @ 4,000	—	—	—
HPEP 190 Stern Drive	4	116.55	3.2x3.6	—	62.7	29.9	50	529	190 @ 4,000	—	—	—
HPE 225	4	145.66	3.2x3.6	—	35	29	30.1	639	225 @ 4,000	—	—	—
HPEP 225 Stern Drive	4	145.66	3.2x3.6	—	61.3	22.5	37.5	639	225 @ 4,000	—	—	—
HPE 250	5	145.66	3.2x3.6	—	35	29	30.1	639	250 @ 4,200	—	—	—
HPEP 250 Stern Drive	5	145.66	3.2x3.6	—	61.3	22.5	37.5	639	250 @ 4,000	—	—	—
HPE 300	4	182.84	3.8x4.1	—	30.7	30.3	29.6	705	300 @ 4,000	—	—	—
HPEP 300 Stern Drive	4	182.84	3.8x4.1	—	75.6	30.3	52.8	739	280 @ 4,000	—	—	—

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8V228 (Tier 2)	8	5,344	9.0x10.5	—	130	68	109	30,135	2,250 @ 1,050	—	2,045 @ 1,050	—
									2,143 @ 1,000	—	1,948 @ 1,000	—
									1,928 @ 900	—	1,753 @ 900	—
12V228 (Tier 2)	12	8,016	9.0x10.5	—	163	68	109	41,760	3,375 @ 1,050	—	3,070 @ 1,050	—
									3,214 @ 1,000	—	2,922 @ 1,000	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
16V228 (Tier 2)	16	10,688	9.0x10.5	—	196	68	119	48,585	2,893 @ 900 4,510 @ 1,050 4,286 @ 1,000 3,857 @ 900	—	—	—	2,630 @ 900 4,100 @ 1,050 3,896 @ 1,000 3,506 @ 900	
12V250 (Tier 2)	12	—	9.8x12.6	—	164	67	112	51,600	4,021 @ 900 4,466 @ 1,000 4,692 @ 1,050	—	—	—	3,655 @ 900 4,060 @ 1,000 4,265 @ 1,050	
(EPA Tier 4i/IMO Tier 3)								56,317	—	—	—	—	4,218 @ 900 4,687 @ 1,000 4,870 @ 900	
16V250 (Tier 2)	16	—	9.8x12.6	—	196	67	115	68,000	5,357 @ 900 5,957 @ 1,000 6,254 @ 1,050	—	—	—	5,415 @ 1,000 5,685 @ 1,050 5,624 @ 900	
(Tier 4i/IMO Tier 3)								70,195	—	—	—	—	6,249 @ 1,000	
6L250 (Tier 2)	6	—	9.8x12.6	—	200	80	132	38,129	2,210 @ 900 2,455 @ 1,000 2,578 @ 1,050	—	—	—	2,009 @ 900 2,232 @ 1,000 2,344 @ 1,050	
(EPA Tier 3)								40,589	—	—	—	—	2,035 @ 900 2,261 @ 1,000 2,344 @ 1,050	
8L250 (Tier 2)	8	—	9.8x12.6	—	235	80	132	45,980	2,947 @ 900 3,274 @ 1,000 3,438 @ 1,050	—	—	—	2,679 @ 900 2,976 @ 1,000 3,125 @ 1,050	
(EPA Tier 3)									—	—	—	—	2,679 @ 900	
(EPA Tier 4i/IMO Tier 3)								51,491	—	—	—	—	3,017 @ 900 3,353 @ 1,000	

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143 Mallard St • Suite F • St. Rose, LA 70087

www.guascor-usa.com • E-mail: guascor@guascor-usa.com

F180-SP	6	1,096	5.98x6.50	w	72.1	35.9	51.3	5,512	300 @ 2,000	260 @ 1,800	250 @ 1,800
F180T-SP	6	1,096	5.98x6.50	w	72.1	35.9	51.3	5,666	415 @ 1,900	400 @ 1,800	380 @ 1,800
F180TB-SP	6	1,096	5.98x6.50	w	72.1	35.9	51.3	5,688	450 @ 1,800	425 @ 1,800	400 @ 1,800
F180TA-SP	6	1,096	5.98x6.50	w	72.1	35.9	51.3	5,776	500 @ 2,000	480 @ 1,800	450 @ 1,800
F180TAB-SP	6	1,096	5.98x6.50	w	74.2	37.2	57.5	5,952	550 @ 1,800	520 @ 1,800	500 @ 1,800
SF180TA-SP	6	1,096	5.98x6.50	w	74.4	37.2	57.5	5,952	500 @ 2,000	480 @ 1,800	450 @ 1,800
F240TA-SP	8	1,462	5.98x6.50	w	90.6	37.2	57.5	7,496	640 @ 1,800	620 @ 1,800	600 @ 1,800
F240TAB-SP	8	1,462	5.98x6.50	w	90.6	37.2	57.5	7,595	—	670 @ 1,800	650 @ 1,800
SF240TA-SP	8	1,462	5.98x6.50	w	90.6	37.2	57.5	7,496	640 @ 1,800	620 @ 1,800	600 @ 1,800
F360TA-SP	12	2,193	5.98x6.50	w	104.6	55.4	68.4	10,207	1,000 @ 2,000	960 @ 1,800	900 @ 1,800
SF360TA-SP	12	2,193	5.98x6.50	w	104.6	55.4	68.4	10,207	1,297 @ 2,000	1,237 @ 1,800	1,178 @ 1,800
F480TA-SP	16	2,923	5.98x6.50	w	123.1	55.4	68.4	12,015	1,400 @ 1,800	1,350 @ 1,800	1,270 @ 1,800
SF480TA	16	2,923	5.98x6.50	w	123.1	55.4	68.4	12,125	1,729 @ 1,800	1,650 @ 1,800	1,571 @ 1,800

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UM6HK1WMAB2	6	476	4.52x4.92	w/o	56.89	38.93	23.25	1,676	—	—	300 @ 2,400
UM6HK1WMAB3	6	476	4.52x4.92	w/o	56.89	38.93	23.25	1,676	—	350 @ 2,500	—
UM6WG1TCAA1	6	958	5.79x6.06	w/o	74.68	35.5	52.91	3,219	—	—	505 @ 1,800
UM6WG1TCAA2	6	958	5.79x6.06	w/o	74.68	35.5	52.91	3,220	—	650 @ 2,100	—
UM6WG1WMAB1	6	958	5.79x6.06	w/o	74.68	35.5	52.91	3,220	—	—	505 @ 1,800
UM6WG1WMAB2	6	958	5.79x6.06	w/o	74.68	35.5	52.91	3,220	—	600 @ 2,000	—
UM6WG1WMAB3	6	958	5.79x6.06	w/o	74.68	35.5	52.91	3,220	—	671 @ 2,100	—

EXPORT MODELS

UM4BG1TCX	4	262	3.94x4.13	w/o	50.51	23.85	37.04	1,160	—	200 @ 2,800	—
UM6BG1TCX	6	305	4.13x4.92	w/o	52.87	24.78	38.11	1,521	—	282 @ 2,700	—
UM6HE1TCX	6	439	4.33x4.92	w/o	56.89	26.9	41.10	1,598	—	344 @ 2,800	—
UM6SD1TCX	6	579	4.63x5.71	w/o	59.75	30.31	46.81	2,283	—	374 @ 2,300	—

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591 S.W. 13th Terrace • Pompano Beach, FL 33069-3520

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D2866LXE40	6	726	5.4x6.10	—	51.10	33.66	48.98	2,249	—	—	258 @ 1,800
					51.10	33.66	48.98	—	—	—	379 @ 1,800
D2876LE402	6	781	5.4x6.54	—	51.97	34.53	42.52	2,844	—	400 @ 2,100	—
D2876LE403	6	781	5.4x6.54	—	51.97	34.53	42.52	2,557	—	560 @ 2,100	—
D2876LE406	6	781	5.4x6.54	—	51.97	34.53	42.52	2,557	—	—	450 @ 1,800
D2876LE407	6	781	5.4x6.54	—	51.97	34.53	42.52	2,557	—	—	381 @ 1,800
R6-730	6	781	5.04x6.54	—	53.39	35.83	43.19	2,877	730 @ 2,300	—	490 @ 1,800
R6-800	6	781	5.04x6.54	—	53.39	35.83	43.19	2,877	800 @ 2,300	—	—
V8-900	8	891	5.04x5.59	—	46.26	48.82	46.18	3,450	900 @ 2,300	—	—
V8-1000	8	989	5.04x6.18	—	48.94	45.39	48.66	3,924	1,000 @ 2,300	—	—
V8-1200	8	989	5.04x6.18	—	49.68	45.39	48.11	4,134	1,200 @ 2,300	—	—
D2842LE405	12	1,336	5.04x5.59	—	58.70	48.43	47.83	3,946	—	—	900 @ 2,100
D2842LE410	12	1,336	5.0x5.59	—	58.74	48.31	47.87	4,101	—	1,019 @ 2,100	—
D2842LE412	12	1,336	5.04x5.59	—	58.70	48.43	47.83	3,946	—	—	800 @ 1,800
D2842LE419	12	1,338	5.04x5.59	—	58.70	48.43	47.83	3,946	—	—	598 @ 1,800
D2868LE424	8	989	5.04x6.18	—	48.90	45.40	40.0	3,968	—	—	600 @ 1,800

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
D2862LE424	12	—	—	—	—	—	—	5,004	—	—	—	—	900 @ 1,800	
D2862LE434	12	1,476	5.04x6.18	—	64.21	45.39	50.75	5,004	—	—	—	—	749 @ 1,800	
D2848LE422	8	891	5.04x5.59	—	46.26	48.82	46.18	3,450	—	—	750 @ 2,100	—	—	
D2868LE422	8	989	5.04x6.18	—	48.90	45.40	40.0	3,968	—	—	588 @ 2,100	—	—	
D2862LE422	12	1,476	5.04x6.18	—	63.54	45.40	40.0	3,968.0	—	—	1,019 @ 2,100	—	—	
D2862LE431	12	1,476	5.04x6.18	—	64.21	45.39	50.75	5,004.44	—	—	—	—	600 @ 1,800	
D2868LE425	8	—	—	—	—	—	—	3,968	—	—	800 @ 2,100	—	—	
D2862LE425	12	—	—	—	—	—	—	—	—	—	1,019 @ 2,100	—	—	
D2862LE435	12	1,476	5.04x6.18	—	63.54	50.0	50.79	5,004	—	—	1,200 @ 2,100	—	—	
D2862LE463	12	1,476	5.04x6.18	—	63.54	50.0	50.79	5,004	—	—	1,400 @ 2,100	—	—	
V12-1650	12	1,476	5.04x6.18	—	65.63	45.28	53.15	5,291	1,650 @ 2,300	—	—	—	—	
V12-1360	12	1,336	5.04x5.59	—	58.78	51.46	50.0	4,332	1,360 @ 2,300	—	—	—	—	
V12-1400	12	1,476	5.04x6.18	—	63.54	50.0	50.75	5,004	1,400 @ 2,300	—	—	—	—	
V12-1550	12	1,476	5.04x6.18	—	64.21	45.39	50.75	5,004	1,550 @ 2,300	—	—	—	—	
V12-1800	12	1,476	5.04x6.18	—	65.28	45.39	49.80	5,212	1,800 @ 2,300	—	—	—	—	

* All engines listed are high-speed, turbocharged and intercooled, * All Continuous (Light Duty) engines are electronically controlled. All others are mechanical.
 * All Medium and High Output (Heavy Duty) engines are available outside the U.S. only.

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S6A3-Y2MPTK	6	1,133	5.91x6.88	—	64.4	36	54	4,190	—	—	—	—	483 @ 1,840
S6A3-Y3MPTK**	6	1,133	5.91x6.89	—	64	41	60	4,100	—	—	—	—	543 @ 1,840
S6B3-Y2MPTA	6	891	5.31x6.69	—	60.59	37	52.36	2,889	—	—	—	—	429 @ 2,000
S6-Y3MPTAW**	6	891	5.31x6.69	—	60.6	40	52.4	2,889	—	—	—	—	429 @ 2,000
S6R-Y1MPTA	6	1,496	6.69x7.09	—	71	44	63.5	6,130	764 @ 1,800	—	650 @ 1,650	—	590 @ 1,600
S6R-Y1MPTK	6	1,496	6.69x7.09	—	71	44	63.5	6,240	811 @ 1,800	—	697 @ 1,650	—	630 @ 1,600
S6R2-Y1MPTA	6	1,828	6.69x8.66	—	71.3	44	66.7	6,417	757 @ 1,500	—	657 @ 1,400	—	597 @ 1,350
S6R2-Y1MPTK	6	1,828	6.69x8.67	—	71.3	44	66.8	6,527	818 @ 1,500	—	710 @ 1,400	—	643 @ 1,350
S6R2-Y3MPTAW**	6	1,828	6.69x8.66	—	70.03	44.40	63.26	6,527	—	—	—	—	803 @ 1,400
S6R-Y2MPTK	6	1,828	6.69x7.09	—	71.3	44	66.7	6,527	—	—	—	—	630 @ 1,600
S6R-Y3MPTAW**	6	1,496	6.69x7.09	—	70.03	44.4	63.2	6,240	—	—	—	—	630 @ 1,600
S12A2-Y1MPTA	12	2,071	5.91x6.30	—	78.8	56.7	63.7	7,453	1,040 @ 2,100	—	940 @ 2,000	—	850 @ 1,940
S12A2-Y1MPTK	12	2,071	5.91x6.30	—	90	56.5	63.7	8,203	1,150 @ 2,100	—	1,040 @ 2,000	—	940 @ 1,940
S12A2-Y2MPTK	12	2,071	5.91x6.30	—	90	56.5	63.7	8,203	—	—	—	—	940 @ 1,940
S12R-Y1MPTA	12	2,992	6.69x7.09	—	93.5	59.5	68.6	11,532	1,528 @ 1,800	—	1,300 @ 1,650	—	1,180 @ 1,600
S12R-Y1MPTK	12	2,992	6.69x7.09	—	93.5	59.5	68.6	11,731	1,622 @ 1,800	—	1,394 @ 1,650	—	1,260 @ 1,600
S12R-Y2MPTK	12	2,992	6.69x7.09	—	93.5	59.5	68.6	11,731	—	—	—	—	1,260 @ 1,600
S12R-Y3MPTAW**	12	2,992	6.69x7.09	—	116	56.5	80	11,731	—	—	—	—	1,100 @ 1,600
S12R-Y3MPTAW**	12	2,992	6.69x7.08	—	116	116	80	11,731	—	—	—	—	1,260 @ 1,600
S16R-Y1MPTA	16	3,989	6.69x7.09	—	115	59	77	14,685	2,038 @ 1,800	—	1,729 @ 1,650	—	1,568 @ 1,600
S16R-Y1MPTK	16	3,989	6.69x7.09	—	115	59	77	14,950	2,158 @ 1,800	—	1,850 @ 1,650	—	1,676 @ 1,600
S16R-Y3MPTAW**	16	3,989	6.69x7.09	—	115.9	59.8	27.17	14,950	—	—	—	—	1,675 @ 1,600

* Engines listed under HIGH OUTPUT are actually LIGHT DUTY, ** Tier III Marine Engines

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									Intermittent Maximum	Intermittent	Continuous
Series 60**	6	855	5.24x6.61	w/o	72.4	40.7	46.0	3,525	—	—	350 @ 1,800
									—	—	375 @ 1,800
									—	—	400 @ 1,800
									—	—	425 @ 1,800
									—	—	450 @ 1,800
									—	—	475 @ 1,800
S60**	6	855	5.24x6.61	w/o	72.25	41.1	46.0	3,525	475 @ 2,100	—	—
									500 @ 1,800	—	—
									535 @ 2,100	—	—
S60**	6	—	—	w/o	80	39	45	3,600	600 @ 2,100	—	—
									625 @ 2,300	—	—
									740 @ 2,300	—	—
									800 @ 2,300	—	—
									825 @ 2,300	—	—
Series 2000**											
8V2000M61	8	973	5.1x5.9	—	55	45	47	—	—	—	535 @ 1,800
8V2000 M72	8	1,093	5.3x6.1	—	53.9	44.5	47.2	4,365	—	965 @ 2,250	—
8V2000 M84	8	1,093	5.3x6.1	—	53.9	44.5	47.2	4,365	1,360 @ 2,450	—	—
10V2000 M84	10	1,361	5.3x6.1	—	63	44.5	48.7	4,938	1,360 @ 2,450	—	—
10V2000 M72	10	1,361	5.3x6.1	—	63	44.5	48.7	4,938	—	1,205 @ 2,250	—
12V2000 M61	12	1,458	5.1x5.9	—	74.4	56.1	50.8	5,985	—	—	805 @ 1,800
12V2000 M72	12	1,361	5.3x6.1	—	74.8	50.9	54.2	6,195	—	1,450 @ 2,250	—
12V2000 M84	12	1,361	5.3x6.1	—	74.8	50.9	54.2	6,195	1,635 @ 2,450	—	—
16V2000 M61	16	1,944	5.1x5.9	—	88.8	55.0	50.8	7,121	—	—	1,070 @ 1,800
16V2000 M70	16	1,944	5.1x5.9	—	88.8	55.0	50.8	7,121	1,800 @ 2,300	—	1,410 @ 2,100
16V2000 M72	16	2,179	5.3x6.1	—	91.1	50.9	55.0	7,452	—	1,930 @ 2,250	—
16V2000 M84	16	2,179	5.3x6.1	—	91.1	50.9	55.0	7,452	2,180 @ 2,450	—	—
Series 4000											
8V4000M5R	8	2,331	6.7x8.3	—	80.3	63.6	81.1	12,522	—	—	1,000 @ 1,600
8V4000 M54	8	2,331	6.7x8.3	—	80.3	63.6	81.1	12,522	—	—	1,200 @ 1,800
8V4000 M245 (3a 60Hz)	8	2,331	6.7x8.3	—	80.3	63.6	86.4	12,522	—	—	895 (kw) @ 1,800

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
12V4000 M54	12	3,491	6.7x8.3	—	99.2	72.8	81.7	17,086	—	—	—	—	1,600 @ 1,800	
12V4000 M64	12	3,491	6.7x8.3	—	99.2	72.8	81.7	17,086	—	—	—	—	1,875 @ 1,800	
12V4000 245 (3A 60Hz)	12	3,491	6.7x8.3	—	99.2	72.8	86	17,086	—	—	—	—	1,195 (kW) @ 1,800	
12V4000 345 (38 60Hz)	12	3,491	6.7x8.3	—	99.2	72.8	86	17,086	—	—	—	—	1,399 (kW) @ 1,800	
16V4000 M54	16	4,656	6.7x8.3	—	117.7	72.8	81.5	19,489	—	—	—	—	2,260 @ 1,800	
16V4000 M64	16	4,656	6.7x8.3	—	117.7	72.8	81.5	19,489	—	—	—	—	2,680 @ 1,800	
16V4000 245 (3A 60 Hz)	16	4,656	6.7x8.3	—	117.7	72.8	81.5	19,489	—	—	—	—	1,685 (kW) @ 1,800	
16V4000 345 (38 60Hz)	16	4,656	6.7x8.3	—	117.7	72.8	81.5	19,489	—	—	—	—	1,999 (kW) @ 1,800	

Only EPA Tier 3 NTE Certified engines can be sold for use in the U.S. as defined by the EPA.
Dimensions listed here should NOT be used for installation purposes. Consult installation drawings.
All weights listed are dry.

Rating Conditions:

Series 60: j1128, all other series: ISO 8665

Rating Definitions:

• Continuous 1A (All Series): Engines for vessels with unrestricted continuous operation. Average load factor: 70%-90%. Typical operating time: unrestricted.

Typical applications: workboats, ferries, government vessels, tugs, barges and large sailing yachts

• Intermittent-Maximum (Series 60): Engines for fast vessels with midrange load factors. Average load factor <60%. Typical operation time 3,000 hours/year

Typical applications: government vessels, season fishing vessels

• Marine Auxiliary Continuous Power 3A: For onboard power generation and diesel electric drives in unrestricted continuous operation.

• Marine Auxiliary Prime Power 3B: For onboard power generation and diesel electric drives in continuous operation with variable load.

• Application Rating Definitions are approximate and consistent for comparative purposes only.

* All engines listed above are either Tier 2 or Tier 3 compliant.

* See dealer for IMO compliance and other ratings.

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L844D	4	121	3.3x3.5	w/o	26.9	19.8	31.1	587	40 @ 2,800	30 @ 2,400	—
L1064TI	4	276	4.19x5.0	w/o	40.1	32.1	35.9	1,140	—	—	100 @ 2,500
L1064A	4	276	4.19x5.0	w/o	45.0	28.6	36.4	1,250	140 @ 2,400	125 @ 2,200	115 @ 2,000
L1066T	6	414	4.19x5.0	w/o	54.9	27.3	36.2	1,982	170 @ 2,500	165 @ 2,400	135 @ 2,200
L1066A	6	414	4.19x5.0	w/o	55.6	28.8	37.3	2,155	250 @ 2,400	200 @ 2,200	185 @ 2,400
L6125H	6	674	4.92x5.91	—	70.0	33.0	45.0	2,867	470 @ 2,300	440 @ 2,200	350 @ 1,800
L1066H	6	414	4.19x5.0	w/o	56.6	28.6	37.3	2,162	275 @ 2,400	250 @ 2,200	—
L1276A2	6	766	5.0x6.5	w/o	69.9	41.3	46.0	3,210	525 @ 2,100	425 @ 2,100	340 @ 2,100

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DI12 60M	6	—	5.0x6.06	—	53.5	34.4	40.9	2,535	—	500 @ 2,100 (workboat duty)	—
									—	525 @ 2,100 (workboat duty)	—
									—	600 @ 2,100	—
DI12 66M	6	—	5.0x6.06	—	53.5	34.4	40.9	2,535	550 @ 2,200 (patrol duty)	—	—
									650 @ 2,200 (patrol duty)	370 @ 2,100	—
DI1213 69M	6	—	5.1x6.3	—	53.5	34.4	40.9	2,535	550 @ 2,300 (patrol duty)	—	—
									625 @ 2,300 (patrol duty)	—	—
									700 @ 2,300 (patrol duty)	—	—
DI13 80M	6	—	5.1x6.3	—	54.4	38.2	42.1	2,623	—	—	250 @ 1,800
									—	—	300 @ 1,800
									—	—	350 @ 1,800
DI13 70M	6	—	5.1x6.3	—	54.4	38.2	42.1	2,623	—	—	450 @ 1,800
									—	—	500 @ 1,800
									—	—	550 @ 1,800
DI13 72M	6	—	5.1x6.3	—	54.4	38.2	42.1	2,623	650 @ 2,300 (patrol duty)	600 @ 2,300 (workboat duty)	—
DI13 77M	6	—	5.1x6.3	—	54.4	38.2	42.1	2,623	700 @ 2,300 (patrol duty)	—	—
									750 @ 2,300 (patrol duty)	—	—
DI13 78M	6	—	5.1x6.3	—	54.4	38.2	42.1	2,623	—	450 @ 2,100 (workboat duty)	—
									—	500 @ 2,100 (workboat duty)	—
									—	550 @ 2,100 (workboat duty)	—
DI16 72M	8	—	5.11x6.06	—	52.6	49.2	47.8	3,682	800 @ 2,300 (patrol boat)	—	—
									850 @ 2,300 (patrol boat)	—	—
									900 @ 2,300 (patrol boat)	—	—
DI16 70M	8	—	5.11x6.06	—	52.6	49.2	47.8	3,682	—	—	550 @ 1,800
									—	—	625 @ 1,800
									—	—	700 @ 1,800
									—	—	750 @ 1,800
DI16 77M*	8	—	5.11x6.06	—	52.6	49.2	47.8	3,682	900 @ 2,300 (patrol duty)	—	—
									*1,000 @ 2,300 (patrol duty)	—	—
DI16 82M	8	—	5.11x6.06	—	52.6	49.2	47.8	3,682	—	800 @ 2,100 (workboat duty)	—

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SE84K32*	4	2.1L	—	—	—	—	—	536	80 @ 3,200	—	—
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Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
SE94K33*	4	2.1L	—	—	—	—	—	536	90 @ 3,300	—	—	—	—	
SE114K33	4	2.1L	—	—	—	—	—	562	110 @ 3,300	—	—	—	—	
SE144K33	4	2.1L	—	—	—	—	—	569	144 @ 3,800	—	—	—	—	
SE164M40	4	2.1L	—	—	—	—	—	568	163 @ 4,000	—	—	—	—	
SE174V40	4	2.1L	—	—	—	—	—	568	170 @ 4,000	—	—	—	—	
SE126E25	6	3.2L	—	—	—	—	—	750	120 @ 2,500	—	—	—	—	
SE156E26	6	3.2L	—	—	—	—	—	750	150 @ 2,600	—	—	—	—	
SE196E35	6	3.2L	—	—	—	—	—	750	190 @ 3,500	—	—	—	—	
SE236E40	6	3.2L	—	—	—	—	—	750	231 @ 4,000	—	—	—	—	
SE236S36	6	3.2L	—	—	—	—	—	750	231 @ 3,600	—	—	—	—	
SE266E40	6	3.2L	—	—	—	—	—	750	258 @ 4,000	—	—	—	—	
SE266S36	6	3.2L	—	—	—	—	—	750	258 @ 3,600	—	—	—	—	
SE286E40	6	3.2L	—	—	—	—	—	750	279 @ 4,000	—	—	—	—	
SE306J38	6	3.2L	—	—	—	—	—	750	292 @ 3,800	—	—	—	—	

* Tier 2 only, not for use in the U.S.

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D4-225/DP***	4	226	4.05x4.33	—	30.9	29.6	30.7	1,420	225 @ 3,500	—	—	—	—
D4-180***	4	226	4.05x4.33	—	30.9	29.6	30.7	—	180 @ 2,800	—	—	—	—
D6-300/DP***	6	336	4.05x4.33	—	40.1	32.2	30.7	1,653	300 @ 3,500	—	—	—	—
D6-330/DP***	6	336	4.05x4.33	—	40.1	32.2	30.7	1,653	330 @ 3,500	—	—	—	—
D4-225***	4	226	4.05x4.33	w	30.9	29.6	30.7	1,204	225 @ 3,500	—	—	—	—
D6-330***	6	336	4.05x4.33	w	40.1	32.2	30.7	1,446	330 @ 3,500	—	—	—	—
D9 MH**	6	571	4.72x5.37	—	53.7	38.8	44.6	2,535	—	—	—	300 @ 1,800	—
												355 @ 1,800	—
												355 @ 2,200	—
D9 MH**	6	571	4.72x5.43	—	53.7	33.8	44.6	2,370	—	425 @ 2,200	—	—	—
D9 MC**	6	571	4.72x5.43	—	51.5	33.8	39.7	2,370	425 @ 2,200	—	—	—	—
									500 @ 2,600	—	—	—	—
D6-370***	6	336	4.05x4.33	w	40.1	32.2	30.7	1,493	370 @ 3,500	—	—	—	—
D6-370/DP***	6	336	4.05x4.33	—	40.1	32.2	30.7	1,698	370 @ 3,500	—	—	—	—
D6-370 SOLAS***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,279	370 @ 3,500	—	—	—	—
D6-370/DP***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,698	330 @ 3,500	—	—	—	—
SOLAS													
D6300***	6	336	4.05x4.33	w	40.1	32.2	30.7	1,446	300 @ 3,500	—	—	—	—
D16 MH***	6	984	5.67x6.50	—	60.9	44.0	51.3	3,858	—	750 @ 1,900	—	600 @ 1,800	—
												650 @ 1,800	—
D4-225 SOLAS***	4	226	4.05x4.33	—	41.6	29.6	30.7	1,063	225 @ 3,500	—	—	—	—
D4-225/DP***	4	226	4.05x4.33	—	41.6	29.6	30.7	1,430	225 @ 3,500	—	—	—	—
SOLAS													
D6-300 SOLAS***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,279	300 @ 3,500	—	—	—	—
D6-300/DP***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,645	300 @ 3,500	—	—	—	—
SOLAS													
D6-330 SOLAS***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,279	330 @ 3,500	—	—	—	—
D6-330/DP***	6	336	4.05x4.33	—	50.8	32.2	30.7	1,645	330 @ 3,500	—	—	—	—
SOLAS													
D6-400/DP	6	336	4.05x4.33	—	40.1	32.2	30.7	1,731	400 @ 3,500	—	—	—	—
D6-435 WJ	6	336	4.05x4.33	—	40.1	32.2	30.7	1,290	435 @ 3,500	—	—	—	—
D5A TA**	4	290	4.25x5.12	—	43.5	30.0	40.0	1,157	—	140 @ 1,900	—	121 @ 1,900	—
										160 @ 2,300	—	139 @ 2,300	—
D7A TA**	6	436	4.25x5.12	—	55.3	33.5	40.0	1,521	—	208 @ 1,900	—	177 @ 1,900	—
										237 @ 2,300	—	201 @ 2,300	—
D7C TA***	6	436	4.25x5.12	—	55.3	33.5	40.0	1,521	—	230 @ 1,900	—	199 @ 1,900	—
										265 @ 2,300	—	226 @ 2,300	—
										248 @ 2,100	—	—	—
D13 MH***	6	779.7	5.16x6.22	—	58.0	42.0	50.0	3,197	—	550 @ 1,800	—	400 @ 1,800	—
									500 @ 1,800	—	—	450 @ 1,800	—
D13 MH***	6	779.7	5.16x6.22	—	58.0	42.0	50.0	3,197	—	550 @ 1,800	—	—	—
D13 MC***	6	779.7	5.16x6.22	—	58.0	41.8	41.5	3,197	—	600 @ 1,800	—	—	—
D13 MC***	6	779.7	5.16x6.22	—	70.7	42.9	41.5	3,439	800 @ 2,300	700 @ 2,300	—	—	—
NEW IPS-MC MODELS													
IPS 400 MC***	6	336	4.05x4.33	—	—	—	—	1,903	300 @ 3,500	—	—	—	—
IPS 450 MC***	6	336	4.05x4.33	—	—	—	—	1,903	330 @ 3,500	—	—	—	—
IPS 650 MC***	6	661	4.84x5.98	—	—	—	—	3,968	—	510 @ 2,200	—	—	—
IPS 800 MC***	6	661	4.84x5.98	—	—	—	—	3,968	600 @ 2,400	—	—	—	—
IPS 1,050 MC***	6	779.9	5.16x6.22	—	—	—	—	5,220	800 @ 2,300	—	—	—	—

** Tier 2 *** Tier 3

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20 4L20	4	2,147	7.9x11.0	—	99	58	82	15,873	—	—	—	1,072 @ 1,000	—
20 6L20	6	3,221	7.9x11.0	—	122	62	78	20,502	—	—	—	1,609 @ 1,000	—
20 8L20	8	4,294	7.9x11.0	—	150	67	82	24,251	—	—	—	2,145 @ 1,000	—
20 9L20	9	4,831	7.9x11.0	—	160	67	82	25,574	—	—	—	2,414 @ 1,000	—
26 12V26	12	12,441	10.2x12.6	—	206	97	129	64,288	—	—	—	5,545 @ 1,000	—
26 6L26	6	6,220	10.2x12.6	—	166	71	111	37,980	—	—	—	2,735 @ 1,000	—

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w; w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm
26 8L26	8	8,294	10.2x12.6	—	207	78	112	48,061	—	—	—	—	3,647 @ 1,000	
26 9L26	9	9,330	10.2x12.6	—	222	78	112	52,192	—	—	—	—	4,160 @ 1,000	
26 16V26	16	16,587	10.2x12.6	—	245	98	134	80,864	—	—	—	—	7,395 @ 1,000	
32 6L32	6	11,778	12.6x15.7	—	201	87	146	79,520	—	—	—	—	4,080 @ 750	
32 7L32	7	13,741	12.6x15.7	—	220	87	160	91,840	—	—	—	—	4,760 @ 750	
32 8L32	8	15,704	12.6x15.7	—	252	87	156	—	—	—	—	—	5,440 @ 750	
32 9L32	9	17,667	12.6x15.7	—	271	87	156	—	—	—	—	—	6,120 @ 750	
38 6L38	6	19,723	15.0x15.7	—	258	87	156	—	—	—	—	—	5,915 @ 600	
32 12V32	12	23,556	12.6x15.7	—	252	113	169	—	—	—	—	—	8,160 @ 750	
32 16V32	16	31,408	12.6x15.7	—	309	130	175	—	—	—	—	—	10,870 @ 750	
32 18V32	18	35,334	12.6x15.7	—	331	130	175	—	—	—	—	—	12,240 @ 750	
38 8L38	8	26,297	15.0x18.7	—	327	96	154	—	—	—	—	—	7,885 @ 600	
38 9L38	9	29,585	15.0x18.7	—	353	96	154	—	—	—	—	—	8,870 @ 600	
38 12V38	12	39,446	15.0x18.7	—	319	119	173	—	—	—	—	—	11,830 @ 600	
38 16V38	16	52,595	15.0x18.7	—	377	119	180	—	—	—	—	—	15,770 @ 600	
46 12V46	12	70,581	18.1x22.8	—	401	151	203	—	—	—	—	—	18,845 @ 514	
46 16V46	16	94,108	18.1x22.8	—	496	179	203	—	—	—	—	—	25,125 @ 514	
64 6L64	6	106,002	25.2x35.4	—	412	164	246	—	—	—	—	—	17,540 @ 333	
64 7L64	7	123,669	25.2x35.5	—	455	164	250	—	—	—	—	—	20,460 @ 333	
64 8L64	8	141,336	25.2x35.6	—	498	164	250	—	—	—	—	—	23,390 @ 333	
46F 6L46F	6	—	—	—	—	—	—	213,400	—	—	9,648 @ 600	—	—	
46F 7L46F	7	—	—	—	—	—	—	248,600	—	—	11,256 @ 600	—	—	
46F 8L46F	8	—	—	—	—	—	—	272,800	—	—	12,867 @ 600	—	—	
46F 9L46F	9	—	—	—	—	—	—	308,000	—	—	14,472 @ 600	—	—	
46F 12V46F	12	—	—	—	—	—	—	380,600	—	—	19,296 @ 600	—	—	
46F 14V46F	14	—	—	—	—	—	—	475,200	—	—	22,512 @ 600	—	—	
46F 16V46F	16	—	—	—	—	—	—	512,600	—	—	25,728 @ 600	—	—	
20DF 6L20DF	6	—	—	—	—	—	—	20,240	—	—	1,415 @ 1,200	—	—	
20DF 8L20DF	8	—	—	—	—	—	—	24,640	—	—	1,887 @ 1,200	—	—	
20DF 9L20DF	9	—	—	—	—	—	—	25,960	—	—	2,122 @ 1,200	—	—	
34DF 6L34DF	6	—	—	—	—	—	—	74,800	—	—	4,020 @ 750	—	—	
34DF 9L34DF	9	—	—	—	—	—	—	103,400	—	—	6,030 @ 750	—	—	
34DF 12V34DF	12	—	—	—	—	—	—	129,800	—	—	8,040 @ 750	—	—	
34DF 16V34DF	16	—	—	—	—	—	—	165,000	—	—	10,720 @ 750	—	—	
50DF 6L50DF	6	—	—	—	—	—	—	211,200	—	—	7,638 @ 500	—	—	
50DF 8L50DF	8	—	—	—	—	—	—	281,600	—	—	7,839 @ 514	—	—	
50DF 9L50DF	9	—	—	—	—	—	—	325,600	—	—	10,184 @ 500	—	—	
50DF 12V50DF	12	—	—	—	—	—	—	385,000	—	—	10,452 @ 514	—	—	
50DF 16V50DF	16	—	—	—	—	—	—	484,000	—	—	11,457 @ 500	—	—	
50DF 18V50DF	18	—	—	—	—	—	—	528,000	—	—	11,758 @ 514	—	—	
											15,276 @ 500	—	—	
											15,678 @ 514	—	—	
											20,368 @ 500	—	—	
											20,904 @ 514	—	—	
											22,781 @ 500	—	—	
											23,517 @ 514	—	—	

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12D TWO	2	39	2.99x2.76	w	25.6	20.0	20.4	225	12 @ 3,000	—	—	—	—
30C THREE	3	58	2.99x2.76	w	29.5	20	20.3	274	25 @ 3,600	—	—	—	—
35E THREE	3	80	3.07x3.62	w	30.6	21.3	22.6	386	28 @ 3,000	—	—	—	—
44C FOUR	4	107	3.07x3.62	w	34.0	21.3	23.0	416	38 @ 3,000	—	—	—	—
55D FOUR	4	133	3.35x3.78	w	35.4	21.3	24.0	448	48 @ 2,600	—	—	—	—
65b FOUR	4	264	3.86x4.33	w	40.9	25.4	30.2	730	66 @ 2,600	—	—	—	—

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4BY2-150*	4	122	—	w/o	—	—	—	551	150 @ 4,000	—	—	—	—
4BY2-180*	4	122	—	w/o	—	—	—	551	180 @ 4,000	—	—	—	—
6BY2-220*	6	183	—	w/o	—	—	—	683	220 @ 4,000	—	—	—	—
6BY2-260*	6	183	—	w/o	—	—	—	683	260 @ 4,000	—	—	—	—
6LPA-STP*	6	254	—	w/o	—	—	—	899	315 @ 3,800	—	—	—	—
6LY3A-ETP	6	354	—	w/o	—	—	—	1,411	480 @ 3,800	—	—	—	—
6LY3A-STP	6	354	—	w/o	—	—	—	1,411	440 @ 3,800	—	—	—	—
6LY3A-UTP	6	354	—	w/o	—	—	—	1,411	380 @ 3,300	—	—	—	—
6CX530	6	452	—	w/o	—	—	—	1,845	530 @ 2,900	—	—	—	—
8LV370*	6	272	—	w/o	—	—	—	960	370 @ 3,800	—	—	—	—
6SY720	6	714	—	w/o	—	—	—	2,536	720 @ 2,300	—	—	—	—
8SY900	8	952	—	w/o	—	—	—	3,650	900 @ 2,300	—	—	—	—
		LITERS	MILLIMETERS			MILLIMETERS							
6CH-HTE3***	6	6.494	105x125	w/o	1,575	736	1,096	895	170 @ 2,550	—	—	—	—
									190 @ 2,600	—	—	—	—
6CH-WUTE**	6	6.494	105x125	w/o	1,575	736	1,096	940	255 @ 2,550	—	—	—	—
									280 @ 2,600	—	—	—	—
6CXB-M-GT	6	7.413	110x130	w/o	1,451	901	979	856	360 @ 2,400	—	—	—	—
									400 @ 2,500	—	—	—	—
									464 @ 2,700	—	—	—	—
									509 @ 2,700	—	—	—	—
		LITERS	MILLIMETERS			MILLIMETERS							

Continued on page 56

Model	Cyl.	Displacement (cu. in.)	Bore x Stroke (in.)	Gear (w); (w/o)	Dimensions (in.)			Weight (lbs.)	High Output		Medium Duty		Continuous Duty	
					L	W	H		hp	rpm	hp	rpm	hp	rpm

Continued from page 53

6HA2M-WHT**	6	13.14	130x165	w/o	1,585	1,016	1,260	1,455	350 @ 1,950	—	—	—	—
6HYM-WET**	6	13.733	132.9x165	w/o	1,556	1,014	1,133	1,385	500 @ 1,950	—	—	—	—
									600 @ 2,100	—	—	—	—
									650 @ 2,150	—	—	—	—
									700 @ 2,200	—	—	—	—
6AYM-WST**	6	20.733	155x180	w/o	2,000	1,305	1,331	2,365	659 @ 1,900	—	—	—	—
6AYM-WET**	6	20.379	155x180	w/o	2,000	1,305	1,331	2,365	755 @ 1,840	—	—	—	—
6AYM-WGT**	6	20.379	155x180	w/o	2,000	1,305	1,331	2,365	911 @ 1,938	—	—	—	—
12AYM-WST	12	40.76	155x180	w/o	2,615.4	1,636	1,708	4,720	1,200 @ 1,850	—	—	—	—
12AYM-WET	12	40.76	155x180	w/o	2,615.4	1,636	1,708	4,720	1,400 @ 1,900	—	—	—	—
									1,550 @ 1,840	—	—	—	—
									1,659 @ 1,900	—	—	—	—
12AYM-WGT	12	40.76	155x180	w/o	2,615.4	1,636	1,708	4,720	1,822 @ 1,940	—	—	—	—

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