

Marine Engine Ratings And Specifications

Diesel Engines



JOHN DEERE

Marine engines

Engine model	M rating	rpm	Rated power
4045DFM70	M2	2500	60 kW (80 hp)
		1500*	40 kW (54 hp)
		1800	46 kW (62 hp)
4045TFM75	M1	2400	80 kW (107 hp)
	M2	2500	90 kW (121 hp)
	M3	2600	101 kW (135 hp)
		1500*	55 kW (74 hp)
		1800	73 kW (98 hp)
6068TFM75	M1	2400	118 kW (158 hp)
	M2	2500	133 kW (178 hp)
	M3	2600	150 kW (201 hp)
6068TFM76		1500*	89 kW (119 hp)
		1800	110 kW (148 hp)
6068SFM50	M3	2400	176 kW (236 hp)
	M4	2500	199 kW (267 hp)
	M5	2600	224 kW (300 hp)
6068AFM75	M1	2300	172 kW (230 hp)
	M2	2400	198 kW (265 hp)
	M3	2500	224 kW (300 hp)
	M4	2600	245 kW (330 hp)
		1500	139 kW (186 hp)
		1800	166 kW (223 hp)
6068SFM75	M1	2400	186 kW (249 hp)
	M2	2500	209 kW (280 hp)
	M3	2600	239 kW (321 hp)
	M4	2700	265 kW (355 hp)
	M5	2800	298 kW (400 hp)
		1500	146 kW (196 hp)
	1800	174 kW (233 hp)	
6081AFM75	M1	2100	175 kW (235 hp)
	M2	2200	224 kW (300 hp)
	M3	2300	246 kW (330 hp)
	M4	2400	280 kW (375 hp)
		1500*	162 kW (217 hp)
	1800	195 kW (261 hp)	
6090SFM75	M1	2100	242 kW (325 hp)
	M2	2200	280 kW (375 hp)
	M3	2300	317 kW (425 hp)
	M4	2400	373 kW (500 hp)
		1500	222 kW (298 hp)
	1800	278 kW (373 hp)	
6125AFM75	M1	1800	254 kW (341 hp)
	M2	1900	298 kW (400 hp)
	M3	2000	339 kW (455 hp)
	M4	2100	392 kW (526 hp)
	1800	300 kW (402 hp)	
6125SFM75	M1	1800	283 kW (380 hp)
	M2	1900	335 kW (449 hp)
	M3	2000	392 kW (526 hp)
	M4	2100	455 kW (610 hp)
		1500	307 kW (412 hp)
	1800	364 kW (488 hp)	
6135SFM75	M1	1800	306 kW (410 hp)
	M2	1900	362 kW (485 hp)
	M3	2000	421 kW (565 hp)
	M4	2100	485 kW (650 hp)
	M5	2200	559 kW (750 hp)
		1500	333 kW (447 hp)
	1800	417 kW (559 hp)	

* Non-emissions certified

Non-emissions certified engines






4045DFM50*	M1	2400	56 kW (75 hp)
	M2	2500	63 kW (85 hp)
		1500	40 kW (54 hp)
		1800	48 kW (64 hp)
4045TFM50*	M1	2300	78 kW (105 hp)
	M2	2400	90 kW (120 hp)
	M3	2500	101 kW (135 hp)
	M4	2600	112 kW (150 hp)
		1500	57 kW (76 hp)
	1800	71 kW (95 hp)	
6068TFM50*	M1	2300	115 kW (154 hp)
	M2	2400	131 kW (175 hp)
	M3	2500	149 kW (200 hp)
	M4	2600	168 kW (225 hp)
		1500	89 kW (119 hp)
		1800	115 kW (154 hp)

KEY: M1 M2 M3 M4 M5 Propulsion engines
50Hz 60Hz Generator drive engines

kW 0 25 50 75 100 125 150 175 200 225 250 275 300 325 350 375 400 425 450 475 500 525 550 575
hp 0 34 67 101 134 168 201 235 268 302 335 369 402 436 469 503 536 570 603 637 670 704 738 771

Ratings are subject to change.

Marine propulsion M ratings

Marine performance rating	Load factor*	Typical operation per year (hr)	Typical full-power operation (hr)	Possible applications	
M5	≤ 35%	≤ 300	0.5 of each 8	Recreational yachts, cruisers, sport fishing boats	
M4	≤ 40%	≤ 800	1 of each 12	Law enforcement, rescue boats, light-duty commercial and fishing boats, sport fishing boats, trawler yachts	
M3	≤ 50%	≤ 2,000	4 of each 12	Light-duty utility boats, pilot boats, commercial fishing boats, crew boats	
M2	≤ 65%	≤ 3,000	16 of each 24	Commercial fishing boats, work boats, long range trawlers, off-shore boats	
M1	> 65%	> 3,000	24 uninterrupted	Tug boats, heavy-duty commercial applications	

Specifications are subject to change without notice.