

Marine Auxiliary Engine Range

Model	Speed (rpm)	Frequency (Hz)	Prime Power 100%			Typical generator efficiency	Typical power factor	110% Power			Number of cylinders	Aspiration	Displacement (litres)	Comp. ratio	Dimension - mm (inches)			Wet weight Kg (lbs)	Emissions capability			
			Mechanical	Electrical	kVa			Mechanical	Electrical	kVa					kWm	kWe	kVa		Length	Width	Height	IMO 2
E70B (Fixed Speed)	1800	60	218.6	200	250	90	0.8	240.5	220	275	6	TA	7.1	16.5	1368	836	1132	759 (1673)	✓	✓	✓	*NC
	1500	50	164	150	188			180.4	165	206.8					*✓	✓	*NC					
E70B (Variable Speed)	2400	N/A	186	N/A	N/A	90	0.8	204.6	N/A	N/A	6	TA	7.1	16.5	1368 (53.5)	836 (32.9)	1132 (44.5)	759 (1673)	✓		NC	*NC
E44	1800	60	129	118	148	90	0.8	142	129.8	162.8	4	TA	4.4	16.5	856	814	1038	579 (1276)	✓	✓	✓	✓
	1500	50	108.6	99	124			119.4	108.9	136.4					✓	✓	✓		✓			
E44	1800	60	71.1	65	81.3	90	0.8	78.2	71.5	89.4	4	T	4.4	16.5	856	814	1038	545 (1201)	✓	✓	NC	✓
	1500	50						✓	✓	✓					✓							
4.4TW2GM	1800	60	106.8	96.1	120.2	90	0.8	117.5	105.8	132.2	4	TA	4.4	19.3	844	754	1272	522 (1151)	NC	NC	NC	NC
	1500	50	93.6	84.2	105.3			103.0	92.7	115.9					NC	NC	NC		NC			
4.4TWGM	1800	60	82.7	74.4	93.0	90	0.8	91.0	81.9	102.4	4	TA	4.4	19.3	844	754	1272	522 (1151)	NC	NC	NC	NC
	1500	50	75.0	67.5	84.4			82.5	74.3	92.8					NC	NC	NC		NC			
4.4TGM	1800	60	63.6	57.2	71.6	90	0.8	70.0	63.0	76.8	4	T	4.4	19.3	844	688	920	505 (1113)	NC	NC	NC	NC
	1500	50	56.4	50.8	63.5			62.0	55.8	69.8					NC	NC	NC		NC			
4.4GM	1800	60	49.1	44.2	55.2	90	0.8	54.0	48.6	60.5	4	NA	4.4	18.23	844	691	875	489 (1078)	NC	NC	NC	NC
	1500	50	42.7	38.4	48.0			47.0	42.3	52.9					NC	NC	NC		NC			
422TGM	1800	60	30.3	27.2	34.1	90	0.8	33.3	30.0	37.5	4	T	2.2	23.3	649	551	734	285 (628)	✓	✓	NC	NC
	1500	50	24.5	22.7	28.5			27.7	24.9	31.2					NC	NC	NC		NC			
422GM	1800	60	22.0	19.8	24.8	90	0.8	24.2	21.8	27.2	4	NA	2.2	23.3	691	520	710	277 (611)	✓	✓	NC	NC
	1500	50	18.4	16.6	20.7			20.2	18.2	22.8					NC	NC	NC		NC			
415GM	1800	60	14.7	13.2	16.5	90	0.8	16.2	14.6	18.2	3	NA	1.5	22.5	595	566	672	213 (469)	✓	✓	NC	NC
	1500	50	12.3	11.1	13.8			13.5	12.2	15.2					NC	NC	NC		NC			

Notes: Electrical ratings are based on typical generator efficiency and are for guidance only. All engine rating data based on operation under BS5514:1996 ISO30461/1:1995 conditions. Performance tolerance quoted by Perkins is ±5%. All ratings quoted are net.
Prime Power: Power available at variable load in lieu of main power network. An overload of 10% is permitted for one hour every twelve hours of operation.
Standby Power: Power available at variable load in the event of a main power network failure.

NST = Not Subject To
NC = Non Compliant

TA = Inland waterway EU Stage V / U.S EPA Tier 3 Marine / China Tier II

T = Inland waterway EU Stage V / U.S EPA Tier 3 Marine

Notes: *E70B Fixed Speed ratings above 130kWm Prime certified to IMO II and not EUV. Ratings below 130kWm Prime are not subject to IMO II but are EUV certified.

E70B Variable Speed rating below 130bWm is not subject to IMO II but is EUV certified.