

Most non-standard motors frame size 315 and above of Siemens AG can be used as marine motors if the appropriate order codes are used. The following table shows the available series of non-standard motors frame size 315 and above (individual acceptance required):

Motor type	Standard degree of protection	Frame design	Motor series	Motor frame sizes	Output range in kW Output data for mains-fed operation 50 Hz at CT 45 °C in temperature class 155 (F), used according to 155 (F).
Self-ventilated motors for mains-fed and converter-fed operation	IP55	Cast-iron	1LA8	315 ... 450	160 ... 1000 ¹⁾
Forced-air cooled motors with mounted separately driven fan for converter-fed operation	IP55	Cast-iron	1PQ8	315 ... 450	160 ... 1000 ¹⁾
Self-ventilated motors with through ventilation for mains-fed and converter-fed operation	IP23	Cast-iron	1LL8	315 ... 450	200 ... 1250 ¹⁾
Water-cooled motors for mains-fed and converter-fed operation	IP55	Steel	1LH8	450	485 ... 1150 ¹⁾

Motor series 1LH8 (please inquire).

For technical specifications and selection and ordering data, see the relevant sections of “Non-standard motors frame size 315 and above”.

For further information about order codes see “Special versions”.

¹⁾ At a coolant temperature of 45 °C when used according to temperature class 155 (F), the output is reduced by 4 %.