

MARINE SOLUTIONS

**LEROY
SOMER**
www.leroy-somer.com

BOW THRUSTERS / MAIN PROPULSION



PLS 11 kW to 2.5 MW

> Designed for marine environment > Very high specific power > Low starting current

MARINE SOLUTIONS: BOW THRUSTERS / MAIN PROPULSION



PLS

**LOW VOLTAGE INDUCTION MOTORS
AIR COOLED**

11kW to 2.5MW



MAIN FEATURES

- Self or forced ventilation
- Protection degree: IP23
- Random wire stator / form wound stator
- Insulation class: F / H
- Voltage: From 380V up to 1000V
- Frequency: 50 / 60Hz
- Mounting position: IM 1001 / IM 3011
- Steel housing
- Compliance to BV / LRS / ABS / DNV / CCS / RINA / GL, ...
- Duty: S2 - 30 min / S1
- Reinforced insulation for inverter duty
- Insulated shaft / bearings
- Leakage deviator brush
- Encoder
- Sensor: PTC- PT100, ...

DESIGNATION

4P 1800 min ⁻¹	PLS	355	L	700 kW	IM 3011 (IM V1)	690 V	60 Hz	IP55
Nb of poles speed(s)	Range identification	Frame size IEC 72	Frame type	Rated power duty	Mounting position IEC 34-7	Supply voltage	Mains frequency	Degree of protection IEC 34-7

