



Life and rescue boat engines

Engineering expertise & background experience

Nanni Diesel has definitely earned its reputation in the worldwide market for marine products, not only thanks to an excellent engineering team but also because of continue investments in Research & Development.

Since 1995, we strive to develop engines more and more strong, trustworthy and fuel efficient in order to comply with the most stringent worldwide standards relative to the security at sea.

As the engine is one of the vital components of the safety system of a lifeboat, Nanni Diesel has focused on the special characteristics requires by the conditions of use ; we pushed the engines to their limits and proved their huge reliability with several tests in hard conditions.

At the same time as we design, develop, produce and distribute a complete range of marine engines from 29 to 85 hp in accordance with the Solas requirements, we also provide a complete line of accessories that are tailored to those engines.

Applications

- Tender boats
- Rescue boats
- Lifeboats
- Conventional davit-launched lifeboats
- Freefall lifeboats



www.nannidiesel.com

nannidiesel
energy in blue

Nanni Diesel Solas engines

Strong and reliable

The Nanni Diesel engines that have been approved in accordance with the international regulation SOLAS (Safety of Life at Sea) are designed and manufactured in order to withstand the toughest conditions on both ships and offshore installations all over the world. Our engines are made to fulfill the needs for reliability, low maintenance costs and ease of use, while observing the strict requirements of the Solas certification related to marine engines, for use in life, rescue and Cruise tender boats.

Special characteristics

The engines have been equipped with special devices developed in order to endure vessel capsizing without any mechanical damages and were specifically designed to allow immediate starting in very low temperature (up to -15°C , and -25°C with additional heater*). The engines can also run at an angle up to 30° in intermittent and 20° in continuous. The new N4.85 is available with a dedicated oil pan to hold a boat inclination of 50° . Furthermore, all the engines have been engineered to be installed in free fall boats and withstand a drop from a height of more than 30 meters.

Optional equipments

A keel cooling version is also available, allowing to increase the cooling capacity of the engine while simplifying the installation since it eliminates through-hull fittings, strainers, hoses, and raw-water pumps. Optional equipments are available on demand : additional alternators, Power Take Off pulley, two pole electrical system, standard or on-demand instrument panel.



	N3.30	N4.38	N4.50	N4.60	N4.85
Engine base	Kubota	Kubota	Kubota	Kubota	Kubota
Rated power (kW/hp)	21.3 / 29	27.6 / 37.5	36.8 / 50	44.2 / 60	62.5 / 85
Rated rpm speed (rpm)	3 600	3 000	2 800	2 800	2800
Numbers of cylinders	3 in line	4 in line	4 in line	4 in line	4 in line
Displacement (cm³/in³)	1 123 / 68.53	1 498 / 91.41	2 197 / 137.07	1 999 / 121.99	3 053 / 186.31
Injection system	Indirect E-TVCS	Indirect E-TVCS	Indirect E-TVCS	Indirect E-TVCS	Direct E-CDIS
Bore / Stroke (mm/in)	78 x 78.4 3.07 x 3.08	78 x 78.4 3.07 x 3.08	87 x 92.4 3.42 x 3.63	83 x 92.4 3.26 x 3.63	94 x 110 3.7 x 4.33
Intake	Naturally aspirated	Naturally aspirated	Naturally aspirated	Turbo	Turbo
Cooling	Closed cooling with heat exchanger or Keel Cooling	Closed cooling with heat exchanger or Keel Cooling	Closed cooling with heat exchanger or Keel Cooling	Closed cooling with heat exchanger or Keel Cooling	Closed cooling with heat exchanger or Keel Cooling
Weight w/o gearbox (kg/lbs)	136 / 299.83	139 / 306.44	216 / 476.2	234 / 515.88	328 / 723.12
Certifications	Solas, NKK, RMRS	Solas, NKK, RMRS	Solas	Solas	Solas

nannidiesel
energy in blue

Nanni Industries S.A.S. France
11, Avenue Mariotte-Zone Industrielle
BP 107- 33260 La Teste France
Tel : + 33 (0)5 56 22 30 60
Fax : +33 (0)5 56 22 30 79
E-mail : contact@nannidiesel.com