

NAUTILUS 4/1

Submersible pump, 110 V



Submersible pump with electric motor

Rosenbauer have now been developing and manufacturing a wide range of pumps for fire brigade use for over 100 years. Now we are proud to launch our first submersible pump with electric motor into the fire and rescue market place.

The NAUTILUS submersible pumps are constructed according to DIN 14425 "Portable submersible pumps with electric motor".

Unbeatably light, easy to handle

With a total weight of just 20,9 kg (including cable), the NAUTILUS 4/1 is one of the lightest submersible pumps in its class. The carrying handles are shaped facing outwards to ensure optimum ergonomics when carried and to prevent collision with the fire fighter or fire fighters carrying the unit.

The pump benefits from a very narrow construction. On one hand, this accommodates simple stowage on the fire appliance, and on the other hand, it allows for efficient deployment in narrow ducts or wells.

Integrated flat suction

The NAUTILUS 4/1 pumps are ideally suited to flat suction and following pumping out at full power, with only a minimal water height of only 4 mm required.

The flat suction is fully integrated into the pump, which makes the removal of the suction grill or the mounting of an additional device unnecessary.

Convincing facts

- The NAUTILUS 4/1 can also pump dirty water (containing sand, mud or grit) with a grain size of up to 8 mm.
- The pump can be operated in vertical, horizontal, or fully immersed position.
- An inspection hatch is included to check mechanical seal function: the user of the pump can perform a functional inspection of the mechanical seal at any time.



NAUTILUS 4/1

Submersible pump, 110 V



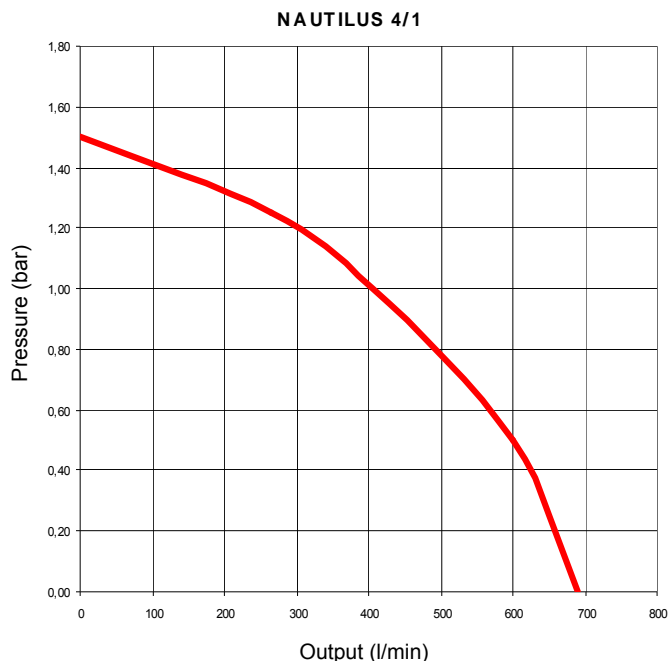
Output of NAUTILUS 4/1

The NAUTILUS 4/1 is one of the most powerful pumps in its class.

Output (l/min)	Pressure (bar)
690	0,00
600	0,50
405	1,00
265	1,25
0	1,50

Quick attachment of working line

An eye in the pump cover is specifically provided to attach the karabiner on the working line. This feature allows you to use the working line to securely lower or retrieve the NAUTILUS.



Technical data

Power rating	110 V / 1 Phase / 50 Hz
Power consumption	1,65 kVA, cos phi 0,95
Power output	1,18 kW
Nominal current	15 A
Connecting cable	PUR H07BQ-F 3G1,5 (exceeds rubber cable H07RN mentioned in the DIN 14425). Length: 20 m, with plug 16 A / 4h 110-130 V IP 44
Discharge connection	BS 336 2 1/2" female
Particle screen (Ø)	8 mm
Temperature pumped medium	up to 35° C (max. 60° C for short periods)
Dimensions (Ø x H)	250 x 456 mm
Weight (incl. cable)	20,9 kg
Protection class pump	IP 68
Order No.	574664-001

Contact

Rosenbauer International AG
Paschinger Straße 90
4060 Leonding, Austria
Phone.: +43 732 6794-0
Fax: +43 732 6794-77

www.rosenbauer.com