



DESMI 48 Fast Track

Replacement Pumps Ready for Shipping within 48 hours

DESMI 48

With DESMI 48, you can replace your pump in record time.
The pump is ready for shipment within 48 hours!

DESMI 48 is ideal for you, if you have a pump break down on your vessel. You do not have to worry. We are here for you. With our DESMI 48 supply chain, we can have a replacement pump ready for shipping within 48 hours.

In order to meet your needs, we have developed DESMI 48, where we carry your order through our production line within 48 hours.

By doing this, your downtime will be reduced significantly.



✓ Delivery from European & Asian distribution centres

✓ Fast delivery

✓ Reduces downtime

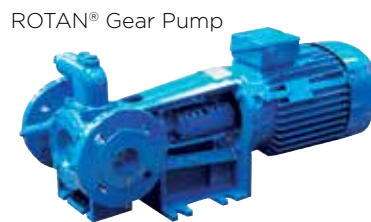
✓ Ready for shipment within 48 hours

DESMI 48 covers all pumps ranging from vertical in-line centrifugal pumps to horizontal self-priming pumps and ROTAN® internal gear pumps.

In the event that the requirements are beyond our DESMI 48 stock, we will strive to find the best alternative solution.

Please send your pump inquiry to desmi@desmi.com or contact us at **+45 96 32 81 11** and we will help you.

RECEPTION OF ORDER CONFIRMATION	DELIVERY TIME (EXW)
Before 11 am	48 hours (two working days)
After 11 am	72 hours (three working days)
If classifications is needed (DNV, ABS, BV or RMRS)	Additional 48 hours (two working days)
Please notice - only available with pumps equipped with standard 380-480V motors	



DESMI NSL Centrifugal Pump

The DESMI NSL pump is a vertical in-line, radially split, single-stage centrifugal pump with connecting flanges according to international standards. The pump is designed to be coupled with electric motors.

The pump casing is equipped with a replaceable wear ring.

The impeller is made with double-curved blades to ensure low NPSH-values and high efficiency.

Shaft in stainless steel with mechanical shaft seal of an approved brand is standard.

The pump can be equipped with an air-driven or electric driven priming device.



50 Hz:	60 Hz:
Pressure range: 1.8-7 bar 66-235 ft	Pressure range: 1.8-10 bar 60-335 ft
Capacity range: 15-600 m ³ /h 66-2640 US gpm	Capacity range: 15-720 m ³ /h 66-3170 US gpm
Liquid temperature range: With standard mech. shaft seal max. 80°C - 176°F With special mech. shaft seal max. 140°C - 284°F	

Material specification	A	D
Pump casing	Cast iron	Bronze
Impeller	NiAl-bronze	NiAl-bronze
Wear ring	NiAl-bronze	NiAl-bronze
Shaft seal cover	Cast iron	Bronze
Shaft	Duplex St. steel (1.4460)	Duplex St. steel (1.4460)
Shaft seal	Mechanical	Mechanical

DESMI ESL Centrifugal Pump

50 Hz:	60 Hz:
Pressure range: 2-5 bar 66-167 ft	Pressure range: 4-5.9 bar 130-200 ft
Capacity range: 2-80 m ³ /h 8-355 US gpm	Capacity range: 2-115 m ³ /h 18-507 US gpm
Liquid temperature range: With standard mech. shaft seal max. 80 °C - 176 °F. With special mech. shaft seal max. 140 °C - 284 °F.	

Material specification	A	D
Pump casing	Cast Iron	Bronze (RG 5)
Impeller	NiAl-bronze	NiAl-bronze
Wear ring	NiAl-bronze	NiAl-bronze
Rear cover	Cast iron	Bronze (RG 5)
Shaft	Duplex St. steel (1.4460)	Duplex St. steel (1.4460)
Shaft seal	Mechanical	Mechanical

The ESL pump is a single-stage centrifugal pump equipped with mechanical shaft seal for maximum life and minimum friction loss.

The pump is also available with a priming device.



Modular S Centrifugal Pump

DESMI MODULAR S pump is a self-priming pump. Based on many years of experience in the production of self-priming pumps we supply a pump series that meets the future demands for economical and reliable pumps.

The individual design, compact with a clear-cut cylindrical form, together with the practical advantages such as easy assembling and MODULAR construction of all components ensure a long and trouble-free operation.

With the priming principle, the MODULAR S can pump a mixture of air and liquid and thus evacuate air from the suction pipe, meaning that an additional priming device is not needed.



50 Hz:	60 Hz:
Pressure range: 1-19 bar 30-300 ft	Pressure range: 2-14 bar 60-460 ft
Capacity range: 1-350 m ³ /h 5-1500 US gpm	Capacity range: 2-400 m ³ /h 10-1760 US gpm
Liquid temperature range: With standard mech. shaft seal max. 80°C - 176°F With special mech. shaft seal max. 120°C - 284°F	

Material specification	A	D
Pump casing	Cast Iron	Bronze (RG 5)
Impeller	NiAl-bronze	NiAl-bronze
Shaft	Duplex St. steel (1.4460)	Duplex St. steel (1.4460)
Shaft seal	Mechanical	Mechanical

DESMI ROTAN® Internal Gear Pump

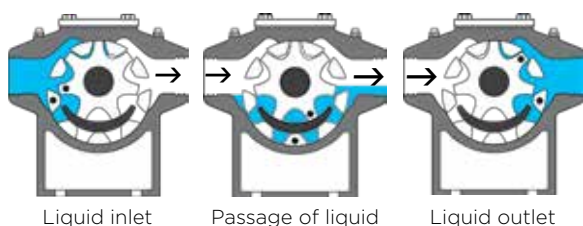
DESMI ROTAN® Pump in cast iron, for clean, non-abrasive liquids. The simple and compact construction makes it a low-cost pump designed for use with IEC flange motors.

The ROTAN® internal gear pump provides favourable flow conditions, as the direction of the liquid flow is only changed slightly through the pump.

This means that superior self-priming capability and gentle liquid handling are achieved, and also that highly viscous liquids can be pumped.



Method of operation



Capacity Range	Up to 50 m ³ /h / 220 gpm
Speed	Up to 1750 rpm
Differential Pressure	Up to 16 bar / 232 psi
Suction Lift	Up to 0,5 / 7,25 psi bar vacuum while priming Up to 0,8 bar / 11,6 psi vacuum while pumping
Viscosity Range	Up to 7500 cSt
Temperature	Up to 150°C / 302°F

DESMI Genuine Spare Parts Kits



DESMI Genuine Spare Parts Kits for Simple Overhaul and Service

DESMI provides spare parts kits for easy and simple maintenance and overhaul of your pumps. We offer a variety of spare parts kits for a number of DESMI pump series.

To determine which spare parts kit you need and to provide you with the best service, we need you to supply us with the following information:

- **Pump type (e.g. NSL 150-265)**
- **Serial number (e.g. 323249 or 30192-1)**

Please send your enquiry to desmi@desmi.com or contact us at +45 96 32 81 11.

Spare Parts Kits include:

- Mechanical shaft seal
- Special tool
- Bearings
- O-rings
- Gaskets
- Washers & nuts
- Item list
- Etc.



Scan the QR code for easy access to overhaul videos, manuals, spare parts kits etc. or go to www.desmi.com/aftersales

- Spare parts kits overview
- Manuals
- Overhaul videos
- Request for spare parts kits
- Contacts
- Etc.



Genuine Spare Parts Kits for various pump types at www.desmi.com/aftersales.aspx

When you contact our professional support team, we will assist and help you to find the right spare parts kit and make your overhaul easy and trouble-free.

DESMI recommends the genuine spare parts kits overhaul and service.

Benefits:

- Easy and convenient parts purchase
- Most spare parts kits cover more pumps (same spare parts kit)
- DESMI ensure correct parts every time
- Good overview of your Spare Parts Stock
- Minimised downtime
- Special tool is included
- Day-to-day delivery
- Saving time and money

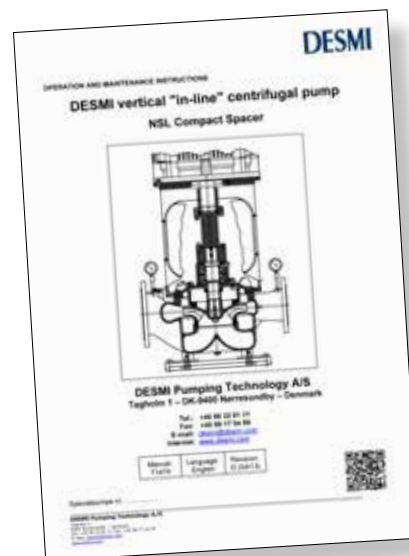
DESMI maintains a complete inventory of spares and generally we are able to ship within 24 hours.



Overhaul videos at www.desmi.com/overhaul.aspx



Part numbers and flyers at www.desmi.com/parts.aspx



Manuals at www.desmi.com/aftersales.aspx



Need more information or specifications? Contact us at desmi@desmi.com or read more about DESMI and DESMI's other products and solutions at www.desmi.com

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