# DESMI NSL Pump Spare Parts — Gasket Sets, Shaft Sleeves, Wear Rings and Overhaul Kits

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Spares for DESMI NSL in-line centrifugal pumps (NSL 40 to NSL 100): casing gasket sets, shaft sleeves, wear rings and overhaul kits by pump size, plus ROTAN gear-pump gear sets — and the nameplate data a quotation needs.

## The NSL series

DESMI's NSL vertical in-line centrifugal pumps move seawater, fresh water and other thin liquids on thousands of vessels — cooling, ballast stripping support, domestic and general service. Size designations (NSL 40, 50, 80, 100 …) follow the nominal branch diameter in millimetres. The wear economy of the series lives in four spare groups, all catalogue items by size:

Spare | NSL 40 | NSL 50 | NSL 80 | NSL 100 |

Casing gasket set | CG-NSL40 | CG-NSL50 | CG-NSL80 | on request |

Shaft sleeve | SS-NSL40 | SS-NSL50 | SS-NSL80 | on request |

Wear ring | WR-NSL40 | WR-NSL50 | WR-NSL80 | WR-NSL100 |

Overhaul kit | on request | on request | KIT-NSL80 | on request |

"On request" sizes are quoted against the pump's nameplate data. For ROTAN internal-gear pumps the catalogue lists gear sets such as GP 33 and GP 45; the OptiSave frequency controller and further DESMI lines are on the DESMI brand page.

## What the quotation needs

Pump type from the nameplate — e.g. NSL 80-330, with the impeller diameter where stated.

Serial number — DESMI revisions change sleeve and ring dimensions; the serial pins the drawing.

Sealing type — mechanical seal or soft packing version.

Material class — bronze/gunmetal internals vs stainless affects sleeve and ring alloys.

Most NSL spares are wear-dimension items — the serial number on the enquiry is what keeps a sleeve from arriving half a millimetre wrong.

Frequently asked questions
Where can I buy DESMI NSL pump spares?Casing gasket sets, shaft sleeves, wear rings and overhaul kits for NSL 40–100 pumps are listed on cballast.com — request a quotation with the pump's nameplate type and serial; dispatch is worldwide.Which spares wear first on an NSL pump?The shaft sleeve under the gland and the wear rings around the impeller neck — both are size-specific catalogue items; renewing them restores clearances and head.What does the NSL size number mean?The nominal branch (connection) diameter in millimetres: an NSL 80 has DN80 connections.Do you supply ROTAN gear pump parts?Yes — ROTAN gear sets (e.g. GP 33, GP 45) are catalogue items, and other ROTAN internals are quoted against the pump code.

Part numbers and designations are those of the original manufacturers and are given for identification. cBallast is an independent supplier. © cBallast 2026 · cballast.com