

Mechanical Seals

RXP-MS

Mechanical seal solutions matched to pump model, shaft size, medium, pressure, temperature and operating arrangement.



Product division: Pumps & Pump Spares

Datasheet type: Product-family selection and compliance template

Commercial status: Final manufacturer, dimensions, performance and availability are confirmed in the quotation.

Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Selection data and supply scope

Seal arrangement	Single, double, cartridge or component seal
Required data	Shaft diameter, equipment model, medium, pressure, temperature and speed
Face materials	Carbon, silicon carbide, tungsten carbide and other specified materials
Elastomers	NBR, EPDM, FKM, FFKM or application-specific options
Metal parts	Stainless and alloy options according to design
Documentation	Datasheet, installation dimensions and material confirmation

Capabilities and typical applications

Key capabilities	Typical applications
Single, double and cartridge configurations available	Pump maintenance
Face, elastomer and metal combinations selected by application	Leakage control
OEM-reference and dimensional matching supported	Process equipment
Seal plans and ancillary requirements reviewed where applicable	Rotating machinery

Applicable standards and technical references

The references below are a review framework. Only the standards applicable to the exact product, material, size, configuration and intended use are stated as confirmed in the quotation and final manufacturer documentation.

Area	Reference	Applicability / evidence
Mechanical seal dimensions	EN 12756	Applied where the selected seal design is within scope
Process seal systems	API 682 / ISO 21049	Applied where specified for the selected sealing system
Quality management	ISO 9001	Manufacturer certificate and scope verified for the selected source
Pump safety / technical requirements	EN 809 / EN ISO 5199	Applied where relevant to the selected pump or pump unit
Dimensions / designation	EN ISO 2858	Applied to qualifying end-suction centrifugal pump configurations
Performance testing	ISO 9906	Applied where a witnessed or certified performance test is requested
Petroleum / process service	API 610	Applied only when specified and within the selected pump design scope
Electric motors	IEC / EN IEC 60034 series	Applied to complete motor-driven assemblies where relevant
Materials	EN / ASTM / OEM specifications	Exact grades and inspection documents confirmed per order

EU conformity and product status

EU conformity status	Confirmed for the complete supplied pump or pump assembly, where applicable
Applicable framework	Applicable EU machinery, electrical, EMC, pressure or hazardous-area requirements are reviewed by configuration
CE marking	Applied only where legally required for the supplied product or complete assembly
EU declaration	Available where legally required and included in the agreed documentation pack

COMPLIANCE CONTROL Standards, editions, conformity route and supporting documents are confirmed against the exact manufacturer, configuration, intended use and customer specification before order acceptance.

Documentation available where applicable and agreed

Manufacturer datasheet	Final source data for the selected model and configuration
Certificate of Conformity	Product and order reference confirmation according to the agreed source
Material Test Certificate	EN 10204 type 2.2, 3.1 or 3.2 where requested and available
Inspection / test records	Dimensional, pressure, hydro, performance, balancing or functional reports as applicable
Process certificates	Heat treatment, coating, surface finish or other manufacturing records where required
Traceability	Batch, heat, lot or serial records according to product and supply route

Information to include with the enquiry

1	Product, manufacturer, model, part number, drawing or sample reference
2	Quantity, required delivery date, intended application and operating conditions
3	Materials, dimensions, critical performance requirements and customer specifications
4	Mandatory standards plus required EU declarations, certificates, inspection records and document language