

# Rexnord Modulflex 92x5 Disc Couplings



# Rexnord Modulflex 92x5 Disc Couplings — Modular design for your application

With decades of experience in the coupling business, the Rexnord Modulflex Disc Coupling design offers a variety of solutions for the most challenging applications. You'll find our couplings in marine drive shafts, compressors, large industrial fans, and more, in the automotive, marine, metal, and energy industries.

## Torsionally stiff couplings for your application

- **Reliable performance** — Rexnord Modulflex 92x5 Coupling Disc Packs are installed under compression, allowing reciprocating loads with the new, simplified design. The simplified disc pack connection and improved precision in disc and hardware connection increases the dynamic safety inside the disc joint.
- **Meets several application requirements** — The coupling design allows additional components like extended spacers, special adapters and composite material spacers to be added to meet application needs. Rexnord Modulflex 92x5 Disc Couplings comply with the rules of approval societies such as DNV GL Business Assurance, Lloyd's Register (LR) and American Bureau of Shipping (ABS) for marine applications.
- **Low equipment lifetime cost** — Rexnord Modulflex 92x5 Disc Couplings require no lubrication and the disc pack modules, allowing visual inspections, are designed for infinite dynamic load life. These couplings are easy to install, and when required, the modules are simple to replace-in-place.

## Features and benefits

- Disc packs are built under compression allowing reciprocating torques at high speeds
- High-precision manufacturing methods eliminate backlash and joint vibration
- Modular design allows customized couplings that are easy to install
- High-strength stainless steel disc packs, designed for infinite dynamic load life even with reciprocating forces
- Flexible disc design gives infinite dynamic load life and offers angular, radial and axial misalignment capability
- Are EN 10204-3.2 and ATEX II 2GD c T6 compliant when specified

## For replace-in-place and adapted to existing connecting equipment applications

### Type 9205-XX-0000\*



- Single flexible element design
- Factory assembled disc pack
- Base for spacer and long spacer coupling configurations
- Element can be used with finished bore or Rexnord Koniclamp® hub configurations
- Special materials available (Aluminum 9805-XX-0000\*)

### Type 9205-XX-0500\*



- Double flexible element design
- Factory assembled disc pack
- Base element for short distance between shaft end connections
- Element can be used with finished bore or Rexnord Koniclamp hub configurations
- Special materials available (Aluminum 9805-XX-0500\*)

\*"XX" represents the coupling size. When placing an order, please replace the "XX" with your specified coupling size.

## For applications where the overall shaft-to-shaft spacing is minimal

Type 9215-XX-3500\*



- Double flexible element design with finished bore hubs
- Short distance between shaft end connections
- Hubs can be machined for bore and key, or hydraulic bore shaft connections (Type 9215-XX-3500\*)
- Rexnord Koniclamp keyless shaft connection (Type 9215-XX-4500\*)
- Application examples: test bench, roller tables

Type 9215-XX-4500\*



## For applications with intermediate spacer

Type 9235-XX-3000\*



- Spacer coupling design with finished bore hubs (Type 9235-XX-3000\*)
- Spacer coupling design with Rexnord Koniclamp hubs (Type 9235-XX-4000\*)
- Industry standard spacer lengths to meet ISO and ANSI requirements
- Non standard spacer lengths up to 500 millimeters
- Hubs can be machined for bore and key, or hydraulic bore shaft connections (Type 9235-XX-3000\*)
- Rexnord Koniclamp keyless shaft connection (Type 9235-XX-4000\*)
- Application examples: slurry pumps, large industrial fans

Type 9235-XX-4000\*



## For applications with extended spacer

Type 9255-XX-3000\*



- Welded spacer coupling design with finished bore hubs (Type 9255-XX-3000\*)
- Welded spacer coupling design with Rexnord Koniclamp hubs (Type 9255-XX-4000\*)
- Spacer lengths up to 6.000 millimeters
- Hubs can be machined for bore and key, or hydraulic bore shaft connections (Type 9255-XX-3000\*)
- Rexnord Koniclamp keyless shaft connection (Type 9255-XX-4000\*)
- Application examples: marine main drives, large vertical pumps

Type 9255-XX-4000\*



## For applications requiring adaptation to flywheel or brake discs, and more

Type 9275-XX-3000\*



- Spacer coupling design with flywheel adapter and finished bore hub (Type 9275-XX-3000\*)
- Spacer coupling design with flywheel adapter and Rexnord Koniclamp hub (Type 9275-XX-4000\*)
- Torsionally tuned spacer coupling design with flywheel adapter and Rexnord Koniclamp hub (Type 9275-XX-4000 TT\*)
- Industry standard spacer lengths to meet ISO and ANSI requirements
- Non standard spacer lengths up to 500 millimeters
- Flywheel adapter plate which bolts directly to the flywheel of an engine or compressor
- Hub can be machined for bore and key, or hydraulic bore shaft connections (Type 9275-XX-3000\*)
- Rexnord Koniclamp keyless shaft connection (Type 9275-XX-4000\*)
- Application examples: reciprocating compressors, engine drives

Type 9275-XX-4000\*



## Why Choose Rexnord?

When it comes to providing highly engineered products that improve productivity and efficiency for industrial applications worldwide, Rexnord is the most reliable in the industry. Commitment to customer satisfaction and superior value extend across every business function.

### Delivering Lowest Total Cost of Ownership

The highest quality products are designed to help prevent equipment downtime and increase productivity and dependable operation.

### Valuable Expertise

An extensive product offering is accompanied by global sales specialists, customer service and maintenance support teams, available anytime.

### Solutions to Enhance Ease of Doing Business

Commitment to operational excellence ensures the right products at the right place at the right time.

# REXNORD

## Rexnord Company Overview

Rexnord is a growth-oriented, multi-platform industrial company with leading market shares and highly trusted brands that serve a diverse array of global end markets.

## Process & Motion Control

The Rexnord Process & Motion Control platform designs, manufactures, markets and services specified, highly engineered mechanical components used within complex systems where our customers' reliability requirements and the cost of failure or downtime are extremely high.

## Water Management

The Rexnord Water Management platform designs, procures, manufactures and markets products that provide and enhance water quality, safety, flow control and conservation.