



SLIP RINGS ROTARY UNIONS COMBINED SYSTEMS

for marine applications

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Setting ideas in motion.

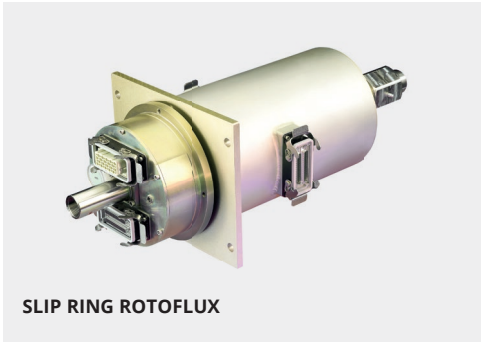


GAT[®]
Gesellschaft für
Antriebstechnik mbH

SLIP RINGS

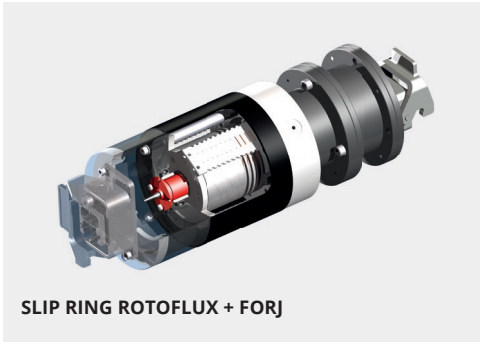
Features

- ✓ Well proven gold/gold technology
- ✓ Contactless optical or capacitive data transmission
- ✓ Water tight and robust offshore connectors
- ✓ Protection class IP 67
- ✓ Compact design
- ✓ Seawater resistant with aluminum or stainless steel housing
- ✓ Available with GAT rotary unions for fluids, air and inert gases
- ✓ Tailor made system solutions



Reliable and most effectively

This slip ring was specifically developed to meet the requirements for the seismic industry. The combination of gold wire springs on gold plated contact rings provides superior transmission quality for digital data, signals and power. The very compact design allows an easy integration into various kinds of winches.



Safety long distance data transmission

For the rapidly increasing frequency bandwidth an integrated multi channel fiber optical rotary joint (FORJ) can get integrated. The optical rotary joint uses micro optic technology. It has very low insertion losses and the wide wavelength range allows multiplexing as well.

COMBINED SYSTEMS



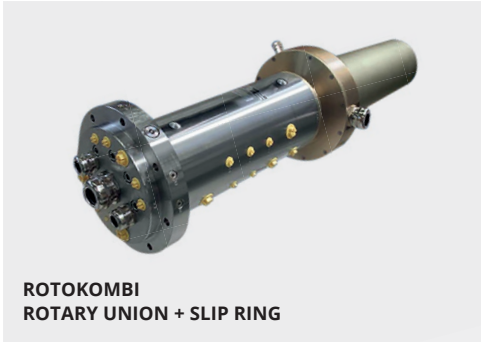
Example: streamer winch

- ✓ Speed: 20 rpm
- ✓ 6x power / 1,000 VDC / 6 A
- ✓ 12x signals / 500 VDC / 3 A
- ✓ 2x optical lines



Example: gun winch

- ✓ Speed: 20 rpm
- ✓ 31x power / 150 VDC / 3 A
- ✓ 9x signals / 24 VDC / 1 A
- ✓ 8x optical lines
- ✓ 1x air / 250 bar



Example: umbilical handling system

- ✓ Speed: 10 rpm
- ✓ 1x water / 12 bar
- ✓ 8x gas / 12 bar
- ✓ 45x power / 500 VAC / 20 A
- ✓ 49x signals / 30 VDC / 10 A

Application example

**SLIP RING
or ROKOTOMBI**
for marine applications

Customer-specific complete systems from a single source

Our ROKOTOMBI system allows all slip ring and rotary union types to be combined. Customer specific variations of our slip rings with alternative connectors as well as our rotary unions for different media, single or multichannel are available.

The result is a complete rotary transmission system from a single source, with perfectly matched interfaces.

THE COMPANY

GAT Gesellschaft für Antriebstechnik mbH with headquarters in Geisenheim, Germany, is a leading international technology company.

For about 40 years, GAT has been developing and producing tailored products for the most diverse industry applications in the electrotechnical transmission technology as well as fluid and sealing technology sectors.

GAT is a technology leader in the production of electrical slip rings, rotary unions, precision air bearings, as well as test rig equipment.

Our team of highly qualified engineers and product specialists offers competent expert advice by meeting the requirements of our customers and, choosing from our wide range of products, to deliver a standard or custom-made solution.

We design, produce and distribute high-tech precision products used in machine and plant engineering as well as energy generation worldwide.

The product specialists in our 18 sales offices located around the world make sure that customers receive competent technical advice and that economic considerations are taken into account. All this contributes to the success of our customers.



MADE IN 
GERMANY



Do you have any questions?

Please contact our team of qualified engineers and product specialists. We are looking forward to developing solutions together with you that will meet all current and future requirements.



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