



Innovative Power Transmission

General product features

- Maintenance free
- Disks made of high-strength, non-rusting spring steel
- Free from backlash in radial and axial direction
- Easy and quick assembly due to compact design
- Operating temperature up to 200 °C
- Speed range up to 36,000 rpm
- Nominal torque range up to 930,000 Nm

Further order options available

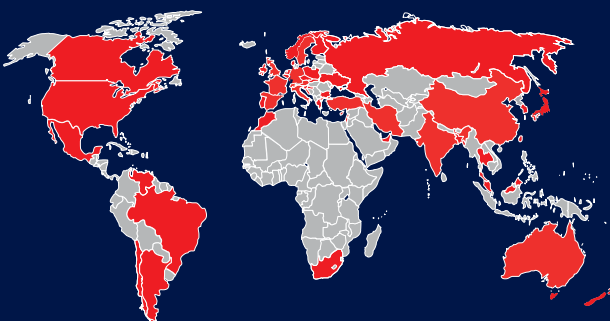
- Electric insulation
- ATEX certification
- Vertical design
- Overload protection
- Alternative bore sizes
- Higher run-performance
- Wide range of classification approvals on request
- Further customer specific requirements upon request

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RAFLEX®
Flexible Disk Couplings



RAFLEX® Flexible Disk Coupling

DS series – Type DSL and DSH for low-speed applications

- Speed range from up to 13,000 rpm
- Nominal torque range up to 68,000 Nm
- Customer specific variations and higher specifications on request*

Typical applications:

- Papermaking machines
- Pumps
- Foil machines
- Ventilation
- Conveyors
- Presses
- Metall processing machines
- Crane systems
- Textile machines
- Centrifuges

RAFLEX® Flexible Disk Coupling

DS series – Type DSP for medium-speed applications

- API 610 conformity (API 671 conformity on request)
- Speed range up to 17,000 rpm
- Nominal torque range up to 68,000 Nm
- Customer specific variations and higher specifications on request*

Typical applications:

- Compressors
- Pumps
- Ventilation
- Generators
- Gas and steam turbines

RAFLEX® Flexible Disk Coupling

DT series – Type DTL and DTR for high-speed applications

- API 610 and API 671 conformity
- Speed range up to 36,000 rpm
- Nominal torque up to 930,000 Nm
- Customer specific variations and higher specifications on request*

Typical applications:

- Compressors
- Pumps
- Ventilation
- Generators
- Gas and steam turbines

* For further technical information please check technical data sheet

