



| MAIN FEATURES | |
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| Coil Body with coil | Thermal class 155, nitrocarburated and postoxidated |
| Outer Body | Manufactured in sea water proof aluminium with large inspection holes |
| Armature Plate | Special protection: nitrocarburated and postoxidated |
| Brake Flange | Special protection: nitrocarburated and postoxidated |
| Friction Lining | For high holding torque |
| End Cover | Manufactured in sea water proof aluminium with provision for standstill heater |
| Hub | Special protection: nitrocarburated and postoxidated |
| Anschlusskabel | 1 metre long |
| Seals | For high protection (IP66 in installed state) |

Clutches and Brakes

NFF4F-LS Brakes

For Slow-Running High Torque Drivelines

Electromagnetic Four-Face Spring-Applied Brake with a High Protection Against Harsh Environments

The Four-Face NFF4F-LS Brake has been developed for industrial and crane applications that require slow running drives with very high brake torque and closed design. With a compact design and high wear-resistance the brake ensures high durability.

Applications

Cranes, conveyors, assembling lines, presses with electric torque motor drives, electric gearless drives and heavy industry.

Benefits include

- Brake torque range 4,000 – 40,000 Nm
- Protection up to IP 66
- High brake torque in small space
- Four-face brake with closed design
- All components with special surface protection
- Simple assembly to motor, no brake disassembly required
- Concentricity through body for tacho fixing
- Free from restoring force when braking
- Robust, reliable design with very low inertia
- Excellent heat dissipation
- Sealed inspection holes for wear indication

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