Customized, reliable, proven

IMO slewing rings and slew drives make their impression on the defense technology sector with their high precision and reliability under extreme environmental conditions.

IMO slewing rings

- single-row and double-row ball slewing rings
- 3-row roller slewing rings
- cross roller slewing rings
- external gear, internal gear or without gear
- reduced bearing gaps for precision applications
- special sealing
- surface coatings and special materials
- customer-specific special solutions

Cross roller slew rings are the top choice for antennas and radars

This gun turret with targeting optics is rotated by a ball slewing ring with special raceway geometry

Defense technology

- gun turrets
- gun carriages
- mast & yaw bearings
- mine searching & clearance devices
- rocket launchers
- antennas & radars
- rescue & provision cranes
- handling equipment
- mobile equipment
- target detection systems
- target monitoring systems
- target detection systems
- ...
Your Advantages

for purchasing
- focus on cost-effective solutions
- reliable delivery times
- quick turnaround

for service
- reduced servicing costs
- highest reliability
- long service life
- worldwide service and spare parts

for engineering
- customer-specific solutions
- minimal rotational friction
- highest precision
- FE analyses including mounting structure

for end customers
- customized solutions
- high levels of operational safety
- low overall costs
- MIL-STD compliant solutions

IMO Slew Drives
- pinion and worm driven versions
- closed housing for harsh environmental conditions
- max. torques up to 450 kNm
- max. breakaway torque load up to 1200 kNm
- raceway diameters up to approx. 1000 mm

Certifications
- ISO 9001
- ISO 14001
- OHSAS

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