Stopper Rod Mechanism
Type SRM-T
Tundish
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Overview
- High-precision stopper rod mechanism for fast reaction
- High performance and accurate electric or hydraulic driven actuators
- Immediate manual operation possible
- Maintenance-friendly — saving of time, effort and costs
- Integrated system solution for most precise mold level control
- Latest generation of refractory package available
- Complete service package

Stopper Rod Mechanism — System characteristics
- High-precision stopper rod mechanism for fast reaction, minimal maintenance and long lasting components
- Both electrical and hydraulic actuated stopper drives are available — these compact drives are designed for high performance and accuracy
- In case of power failure, immediate manual operation possible

Integrated system solution
- Automated tundish to mold control system
- Newest generation of mold level sensors
- Mono Tube Changers (MTC) with outstanding operational and safety features
- Alternatively to MTC, Emergency Gate (EG) available featuring very sturdy design
- Advanced argon management system including data storage
- Easily adjustable software parameters
- Full package of INTERSTOP® experience for fast installation and start-up times
- Excellent after sales service

Advanced refractories
- Latest generation of RH Magnesita high-precision stopper technology available
- Monotubes customer-tailored designs based on CFD and water model simulations for optimized mold conditions in terms of flow, mold powder reaction and steel cleanliness

Complete service package
- Fact finding on site
- Engineering and design for system and refractories
- Customer-tailored refractory solutions
- Documentation
- Commissioning and after sales service

Main parts

Stopper arm
Heat shield
Stroke +/-60 mm

Drive holder
Electric drive
Rotation brake
Counter weights
Lever

Base plate
Basic body with linear ball bearings
General brake

+/–90°

Connection
Gas-tight assembly system for long sequence casting

Control bore
Non-blocking high performance control bore plug

Nose
Enhancement material concepts for the full range of steel applications

Main dimensions in mm

Drive options
Integrated purging solutions

Hydraulic drive
Electric drive

Precise mold level

Full system solution: Tube changer MTC-ESP or Emergency gate EG