

## Bosch Rexroth Rail



Manufacturer: Bosch Rexroth Corp.  
 Model Number: Bosch-IndraDrive  
 Web Address: [www.boschrexroth.com](http://www.boschrexroth.com)

Rexroth Ball Rail systems were specially developed for use in machine tools and industrial robots calling for compact, rolling-element linear motion guideways. Ball Rail systems are available in various accuracy classes, each with extremely high load capacity and high rigidity. Rexroth range of ball rail systems was developed for applications where high rigidity and accuracy are frequently the most important considerations, especially for light machinery and for handling and positioning movements where the main emphasis is on economy and durability. Made of wrought aluminum alloy with ball tracks of hardened antifriction bearing steel, the runner blocks and guide rails are characterized by their low weight, compact design, and equal load bearing capacity in all four main directions of loading.

### Bosch Rexroth IndraDrive: Commands

▶ **Home()** - Home the linear rail.

▶ **MovePosition( position )** - Move the linear rail to the specified position.

position	Integer	Specified position.
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▶ **GetPosition()** - Get the current motor position.

▶ **IsMoving()** - Returns whether the linear rail is moving.

▶ **SetTorque( torque )** - Set the torque on or off.

torque	Boolean	Enable or disable torque.
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▶ **SetVelocity( velocity )** - Set the velocity of the rail.

velocity	Integer	Specified velocity.
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▶ **SetAcceleration( acceleration )** - Set the acceleration of the rail.

acceleration	Integer	Specified acceleration.
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▶ **SetDeceleration( deceleration )** - Set the deceleration of the rail.

deceleration	Integer	Specified deceleration.
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▶ **ResetError()** - Reset the error.

### Bosch Rexroth IndraDrive: Errors

🔥 **RailError( description )** - Error occurred during command execution.

description	String	Error description.
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