



The most compact way to guide, measure and construct

IMScompact - THE FIRST COMPLETELY INTEGRATED SYSTEM - AVAILABLE IN 3 SIZES

The smallest system anywhere: with the new IMScompact, the measurement sensor is fully integrated into the runner block – even with size 15 profiled rail systems. This not only saves space, it significantly reduces costs too. After all, there are far fewer components because there is no need for attachment parts. Measuring lengths of up to 18 meters are possible. When combined with linear motors, totally new automation options are created.

Makes small machines smaller, lighter and faster

Rexroth engineers developed the new IMScompact integrated measuring system specially for economical use in automation. Thanks to the contactless measuring principle, the sensor is wear-free. Oil and grease have no effect on the sensor. The magnetic measuring system is immune to vibration and shocks and is not subject to any restrictions, even in areas with high levels of EMC interference. The IMScompact can also be installed and commissioned quickly and easily, and can also be retrofitted into existing linear guide systems.

All in all, it is a perfect, practical addition to the Rexroth portfolio for numerous automation applications where extremely high precision is not necessary. Make your small machines even smaller, lighter and faster – the easy way.

ADVANTAGES

- ▶ Ultra compact – integrated encoder in the runner block, no attachments are needed
- ▶ Flexible – large measuring lengths are possible, can be retrofitted quickly, ideal for many automation solutions
- ▶ Economical – fewer components, less space required, lower costs
- ▶ Simple – quick commissioning and mounting thanks to standard components
- ▶ Robust – shock and vibration proof
- ▶ Maintenance-free – contactless measuring principle

KEY TECHNICAL DATA

- ▶ Sizes 15, 20, 25
- ▶ Measuring lengths up to 18 m
- ▶ Repetition accuracy: $\pm 1\mu\text{m}$
- ▶ Measuring speed: 5 m/s
- ▶ Max. acceleration: 500 m/s²
- ▶ Very good EMC protection

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Further information:

www.boschrexroth-us.com/imscompact