

HEIDENHAIN



MSY Synchronous Motors

Moving feed axes dynamically and efficiently

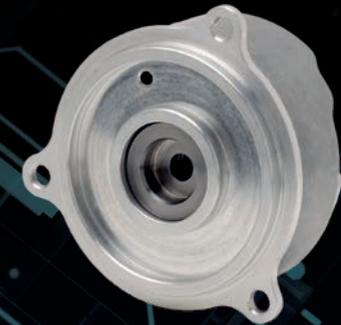
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Compact and highly dynamic

A tailor-made solution for machine tools: the new synchronous motors from HEIDENHAIN round off the drive technology portfolio for feed axes and auxiliary axes. Drive solutions with MSY motors guarantee high surface quality of the workpieces to be machined.

MSY series of motors

- Flange sizes: 155 mm, 192 mm
- Stall torque: 13 Nm to 55 Nm
- Maximum torque: 38 Nm to 194 Nm
- Maximum speed: 5000 rpm
- Rotary encoder: 23 bits singleturn;
23+12 bits multiturn
- Purely serial data transmission with EnDat 2.2
- Optionally with a brake (low backlash)



The next generation of
HEIDENHAIN encoder technology

Rapid setup

Fully digital
diagnostics

Plug-and-play
technology

Good speed stability

Compact form factor



HEIDENHAIN

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