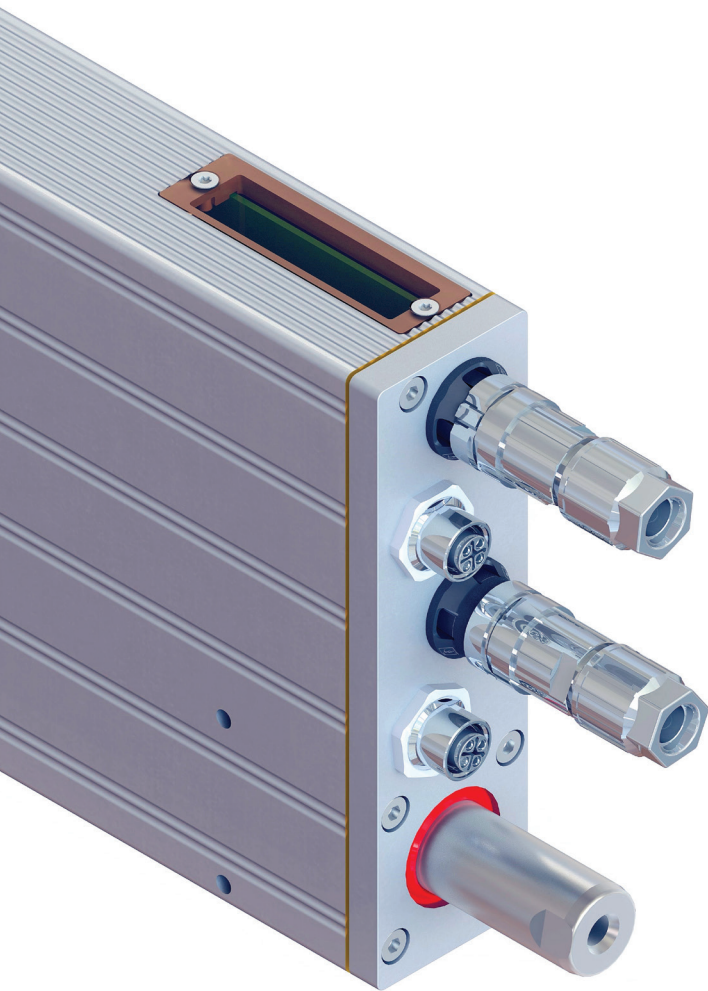


P03-37Sx120F-HP Linear Motor with integrated drive



The new concept of P03 will allow the controller to be eliminated from the electrical enclosure for linear direct drives, thus greatly reducing installation time and effort. On the application side, this opens up the possibility to efficiently couple the devices in a daisy chain linkage. Modular machine concepts can also be implemented simply and easily using the new linear motors with integrated drives.

The motors with integrated drives are available in the 37Sx120 short form factor and can reach a peak force of 255 N. The drive supplies the motor with a peak phase current of up to 25 A and has an industrial Ethernet interface. EtherCAT, ProfiNet, Ethernet IP, Sercos III, and Powerlink are available. Device profiles CoE, CiA402, SoE, and PROFIdrive are also supported. The RS232 configuration interface and the DIP switch are installed behind a protective cover, which guarantees that leak tightness requirements are met. The complete motor with integrated drive thus meets protection class IP 65 to prevent dust and water spray infiltration.



- » High-performance linear motor with integrated drive
- » Compact form factor
- » Highly dynamic
- » Suitable for daisy-chain linkages
- » Integrated mounting flange
- » Low cabling effort
- » Low overall costs
- » Simple commissioning

Stroke up to	mm	135
Max. Force	N	255
Nominal Force	N	35
Peak Velocity	m/s	3.2
Peak Acceleration	m/s ²	450
Repeatability	mm	±0.05
Stator Length	mm	400
Slider Length	mm	240