

SERVO DRIVE CONTROLLER

KeDrive D5

Flexible. Compact. Easy to Use.
No Compromises.



KEBA extends the drives portfolio by the single-axis servo controller family KeDrive D5, that fits seamlessly into the automation platform Kemro X.

Highlights

- // Standard fieldbus interfaces: EtherCAT with CoE, EoE, FoE and PROFINET IRT with 125 μ s bus cycle, CANopen
- // High dynamics and precision by high performance motor control for synchronous-, induction-, linear- and torque motors
- // Integrated mains filter in sizes D5.2 – D5.4-010
- // Integrated PLC for simple motion and control tasks, easy to learn program language, no licence costs
- // Integrated safety technology, STO SIL2 as standard, safe motion monitoring as option
- // Drive-based Condition Monitoring
- // Future-proof by option slot in sizes D5.2 and above

Technical Data

	Mains voltage	Rated current	Max. current	Rated power [kW]	H x W x D [mm]
D5.0-005	19.2 ... 60 V DC	5 A	2-times, 10 s 3.5-times, 2 s	0.25	135 x 45 x 100
D5.0-010		10 A		0.5	135 x 45 x 100
D5.0-020		20 A		1	135 x 45 x 100
D5.2-005	1 x 230 V AC -23 % + 15 %	4.9 A	2-times, 30 s 3-times, 2 s	0.75	185 x 60 x 135
D5.2-008		7.5 A		1.5	185 x 60 x 135
D5.4-003	3 x (400 V AC – 10 % ... 480 V + 10 %)	2.4 A		0.75	210 x 60 x 145
D5.4-004		3.9 A		1.5	210 x 60 x 145
D5.4-008		7.5 A		3	210 x 70 x 220
D5.4-010		9.5 A		4	210 x 70 x 220
D5.4-017		16.5 A		7	280 x 90 x 220
D5.4-022		21.5 A		9.8	280 x 90 x 220
D5.4-032		32 A		15	280 x 90 x 220

Unlock the hidden potential of your machinery

Mechanical engineers must think bigger in order to differentiate themselves. This requires groundbreaking technologies, future-proof solutions and trusting partnerships. The challenge of growth today lies primarily in the speed with which we master it. KEBA offers technologies for mechanical engineering that enable global networking with cloud-based data management and intelligent IT integration. Both hardware and software are optimized for machine automation and robotics. They offer numerous Ethernet-based communication stand-

ards for simple interoperability, options for fast data storage for analytics and maintenance as well as other options for individual adaptation to your machine application.

Your benefits at a glance

- // High performance drive portfolio
- // Open and scalable automation system
- // Unique selection of mobile and stationary HMI's
- // Agile partnership

