

Cabinet free drive technology

Near motor drive

IndraDrive Mi - KMS



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Documentation
Project development



- Multi-Ethernet communication for a variety of automation environments
- Multi-Ethernet output to connect distributed peripherals
- Safe Torque Off (STO) function, including the easy creation of safety zones and SafeMotion
- Comprehensive firmware options (integrated motion logic, etc.)
- Integration of small servo or third-party motors (with or without encoders)

The near motor drive KMS enables users to seamlessly integrate a wide range of motors into an IndraDrive Mi drive chain.

It is the solution of choice when:

MSK030 servo motors, which due to their size are not suitable for IndraDrive Mi, need to be integrated into a chain of drives

MSK servo motors need to be installed, because space constraints preclude the use of motor integrated KSM inverters

Additional 3rd-party motors in open-loop mode or with Hiperface® encoders need to be attached

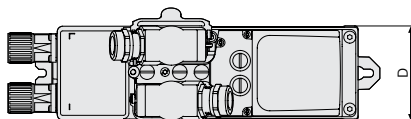
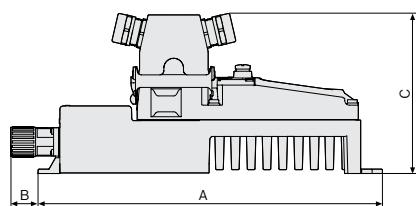
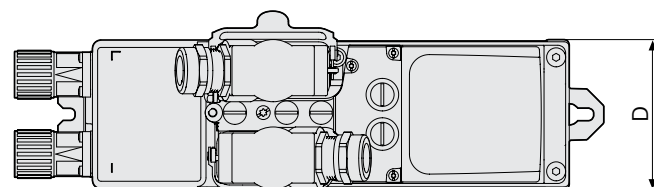
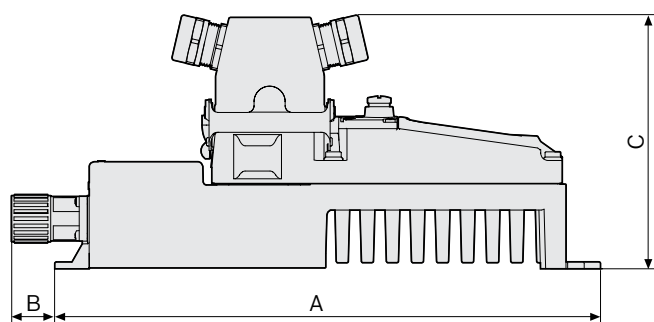
As is the case with KSM motor integrated drives, a hybrid communications/power cable is used to connect the drives.

Technical data

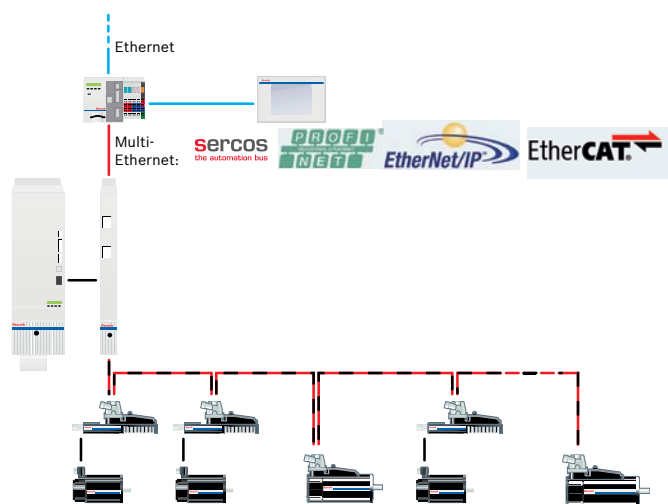
KMS02.1B-A018		
Performance data		
Continuous current	[A]	6
Maximum current	[A]	18
Input voltage	[V]	DC 540...750 V
DC bus		
Switching frequency/max. output frequency	4 kHz	0 ... 400 Hz
	8 kHz	0...800 Hz
Output voltage	[V]	3 x AC 0...main voltage V
DC bus capacity	[mF]	0.02
DC bus voltage	[V] DC	540...750 V
Protection		
Overall protection category	IP65	

Dimensions

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Type	A	B	C	D	Mass
	[mm]	[mm]	[mm]	[mm]	[kg]
KMS02.1B-A018	316	25	147	87	2.5

Components

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Servo drives

Description	Page	Details
Converters	IndraDrive C	HCS02
Converters	IndraDrive C	HCS03
Modular system	Power supplies	IndraDrive M - HMV

Synchronous servo motors

Description	Page	Details
Synchronous servo motors	IndraDyn S	MSK - meets all requirements

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As our products are constantly being further developed, no
statements concerning a certain condition or suitability for a certain
application can be derived from our information. The information
given does not release the user from the obligation of own judgment
and verification.
It must be remembered that our products are subject to a natural
process of wear and aging.