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EFC 5610 Frequency Converter

Power Extension

New Power Sizes:

- 3x AC 400V 200kW (ND: 250kW)
- 3x AC 400V 250kW (ND: 280kW)
- 3x AC 400V 315kW (ND: 355kW)

Typical Applications:

- Metallurgical industry
- Metal extruder
- Lithium slurry mixer
- Hydraulic Pumps

EFC Series Frequency Converter

The Rexroth EFC series frequency converter is developed for the worldwide market. With the relevant certifications of CE, UL, cUL, RCM, TÜV, RoHS, etc., consolidated sales and service is provided worldwide.

The EFC series frequency converter contains enhanced features such as synchronous motor control (EFC 5610), FOC control, built-in EMC / mains filter, and multi-Ethernet communication to satisfy worldwide customers' various application demands.

Key Specification:

- V/F SVC FOC Control (Speed / Torque)
- Asynchronous / Synchronous Motor
- Overload Capacity:
  Heavy Load: 150 %, 60 s; 200 %, 1 s
  Light Load: 120 %, 60 s
- Frequency Range: 0 ... 400 Hz
- Speed Range 1 : 200
- Start Torque: 0.5 Hz 200 %

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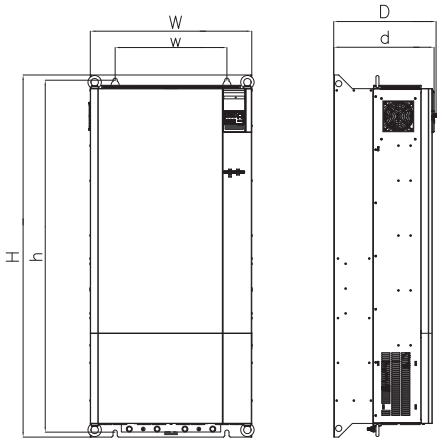
EFC 5610 Frequency Converter

Dimensions

EFC	width [mm] [W]	height [mm] [H]	depth [mm] [D]	width [mm] [W]	height [mm] [H]	Screw	Weight	Housing
200kW	595	425	1337	1300	386	M12	170	M
250kW	595	425	1337	1300	386	M12	175	M
315kW	650	450	1458	1417	412	M16	210	N



Frequency Converter

Material Number	Typecode	Remark
R912007695	EFC5610-200K-3P4-MDA-7P-NNNNN-L1NN	LED Panel
R912007696	EFC5610-250K-3P4-MDA-7P-NNNNN-L1NN	
R912007697	EFC5610-315K-3P4-MDA-7P-NNNNN-L1NN	
R912009325	EFC5610-200K-3P4-MDA-NN-NNNNN-L1NN	Dust Cover
R912009326	EFC5610-250K-3P4-MDA-NN-NNNNN-L1NN	
R912009327	EFC5610-315K-3P4-MDA-NN-NNNNN-L1NN	

Shielding Connectors

Material Number	Typecode	Remark
R912007893	FEAM03.2-007-NN-NNNN	Shield Connector for M housing Version 2
R912008432	FEAM03.2-008-NN-NNNN	Shield Connector for N housing Version 2

Operating Panel

Material Number	Typecode	Remark
R912006375	FPCC02.1-EANN-LP-NNNN	EFC x610 LCD Panel

The above data is only used for product description.
We will continue to improve our products, so the above data cannot guarantee specific conditions and applicability for specific applications. Users cannot be exempted from the obligation to make their own judgments and verifications. Please consult technical support personnels from Rexroth for details.