

Request Data

Electric Motors

General

Request Data:	Telephone:
Company:	E-Mail:
Contact Person:	Application
Road:	Machine / Type:
Postcode: Location:	Required quantity:
Country:	Requested delivery data:

Relevant motor data

Rated power [kW]:	Rated voltage [V]:
Rated speed [rpm]:	Rated frequency [Hz]:
Type of operation: ED share:	Mains/converter operation:
Rated torque [Nm]:	
Required breakaway torque [Nm]:	
Ambient temperature:	Installation height:
Degree of protection:	Cooling:
Type of construction:	Speed sensor:
RAL paint finish:	Corrosion protection category:
Winding temperature monitoring:	
Bearing temperature monitoring:	Bearing vibrations monitoring:

Brake

Brake type:	Manual ventilation:
Necessary braking torque:	Open/closed/IP:
Voltage:	Corrosion protection:
AC/DC:	

Other requirements

Flange type:	Cable entry point from:
Dimensions of shaft end:	Approvals:
Terminal box position:	

Request Data

Electric Motors

For drives in field weakening

	Corner point constant torque n_{const} (rated speed of motor)	Lowering point for field weakening range** n_{low} (motor speed for P_{abs})	End point of field weakening range n_{max} (max. motor speed)
Speed:	[rpm]		
Torque:	[Nm]		
Max torque:***	[Nm]		
Voltage:	[V]		
Power:	[kW]		

* For drives without field weakening range, only the first column needs to be completed

** Middle column is only relevant for applications with reduced power (for thermal or breakdown torque related reasons)

*** Max. torque - excess torque for acceleration and safety reserve at end point

Additional information

Final specification:

Speed / time curve:

Speed / torque curve:

Comments / Additional requirements

For further questions,
please do not hesitate to contact us.
Please return completed form to:

Reset all settings
Print form
E-mail to: components@liebherr.com