

DC injection brake EMB 4000

For engine ranges of 5 ... 200 kW



Description

Advantages

The EMB electronic motor brake provides fast, smooth and frictionless stopping of a three phase induction motor by injecting controlled DC current to the motor windings after the mains contactor opened.

Preventing mechanical wear

Reducing stopping time of high inertia loads

Adjustable braking time

Auto stop – DC injection stops when motor stops

DIN rail mounting (Standard 10 A, option 17 ... 58 A)

Easy installation and operation

Settings

Braking Torque – determines the DC current level injected to the motor windings

Two operation modes:

1. Auto Mode:

DC injection stops automatically when motor stops.

2. Manual Mode:

DC injection stops after the the pre-adjusted braking time. This mode can be used to

“hold“ the load at stand still.

Displays & LEDs

On – mains voltage connected

Braking contactor closed

DC injection on

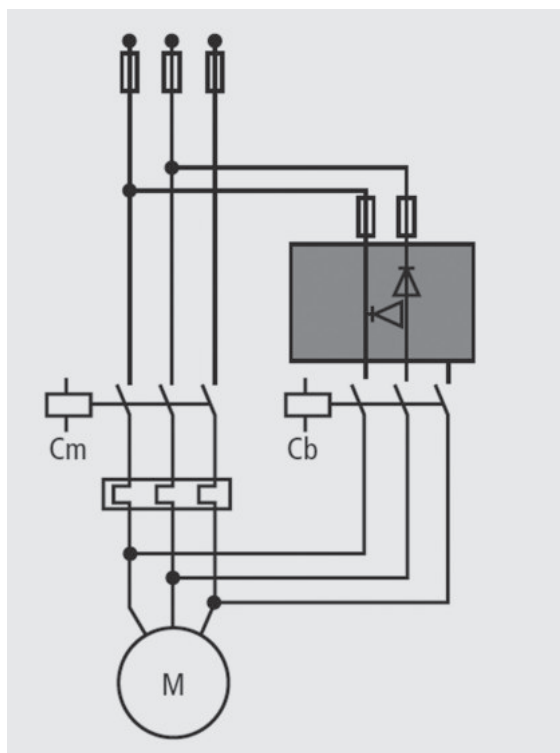
Application

Circular and band saws

Machine tools

Fast stopping of high inertia loads

Emergency stop (as long as mains supply remains on)



KW at 400 V	Brake Type (A)	Dimensions (mm)			Weight (kg)
		W	H	D	
5*	EMB 4000 10	90	75	105	0,5
7,5	EMB 4000 17	65	190	114	1,3
15	EMB 4000 31	65	190	114	1,3
30	EMB 4000 58	65	190	114	1,3
55	EMB 4000 105	154	280	160	5
110	EMB 4000 210	154	280	160	5,4
160	EMB 4000 310	224	384	222	12
200	EMB 4000 390	224	384	222	12

*5,5 kW at 415 V