

Solbrake
DC Injection Brake 10-390A



Solbrake						
KW 400V	Brake Type Ampere	Dimensions (mm)			Wt. (Kg)	
		W	H	D		
5.0 *	Solbrake 10 *	90	75	105	0.5	
7.5	Solbrake 17	65	190	114	1.3	
15	Solbrake 31	65	190	114	1.3	
30	Solbrake 58	65	190	114	1.3	
55	Solbrake 105	154	280	168	5.0	
90	Solbrake 170	154	280	168	5.0	
110	Solbrake 210	154	280	168	5.4	
160	Solbrake 310	224	384	222	12	
200	Solbrake 390	224	384	222	12	

* Note: 5.5KW at 415V



Advantages at a glance

The Solbrake Electronic Motor Brake provides fast, smooth & frictionless stopping of a three induction phase motor, by injecting controlled DC current to the motor windings, after the mains contactor opened.

- o Preventing mechanical wear
- o Reducing stopping time of high inertia loads
- o Adjustable braking time
- o Auto stop - DC Injection stops when motor stops
- o DIN Rail mounting (Standard 10A, option 17-58A)
- o Easy installation & operation



Standard ratings

- o Voltages: 230, 400, 460 & 600V (105-390A are available up to 690V)

Settings

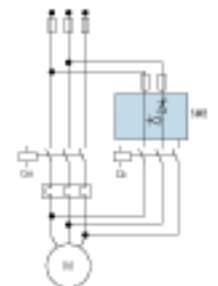
- o Braking Torque - Determines the DC current level injected to the motor windings
- o Two operation modes
 - o Auto Mode: DC Injection stops automatically when motor stops.
 - o Manual Mode: DC Injection stops after the pre-adjusted braking time. This mode can be used to 'hold' the load at stand still.

Displays (LEDs)

- o Mains voltage connected
- o Braking Contactor Closed
- o DC Injection On

Applications

- o Circular and band (flywheel) saws
- o Machine tools
- o Fast stopping of high inertia loads
- o Safety brakes (as long as mains supply remains on)



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