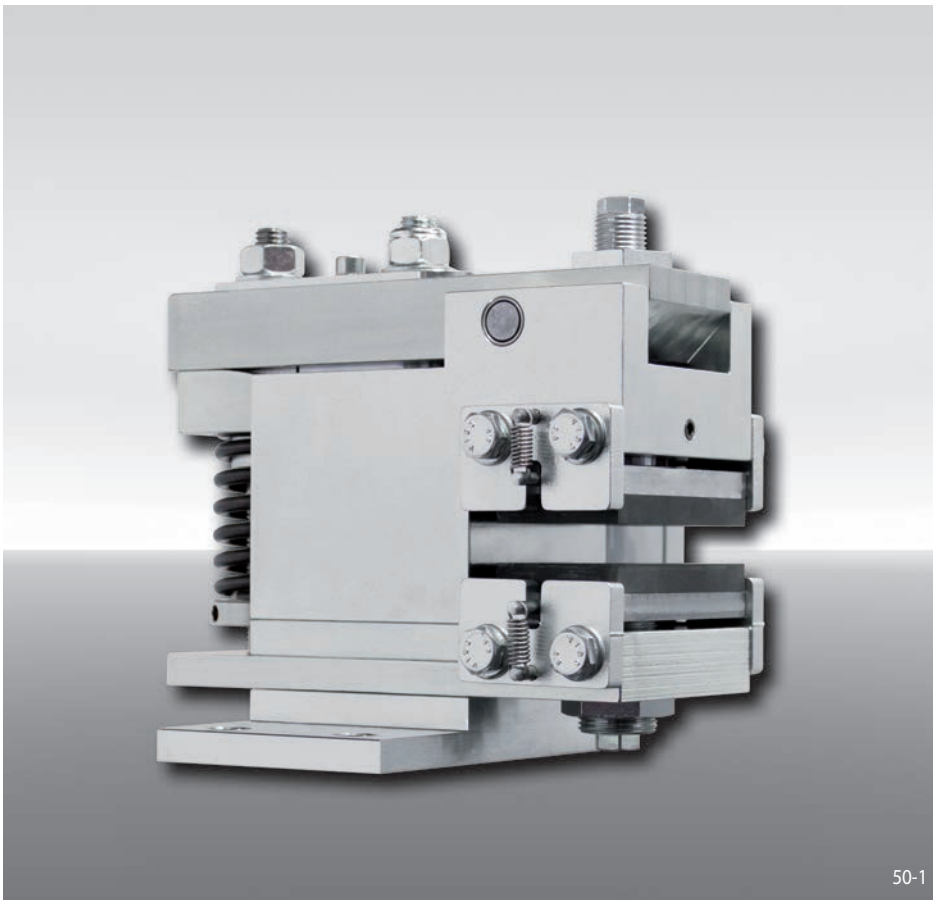


Brake Calipers EV 024 FEM and EH 024 FEM

spring activated – electromagnetically released



50-1

Features

Features	Code
Brake Caliper with electromagnet	E
Mounting to the machine parallel or at right angles to the brake disc	V H
Frame size 024	024
Spring activated	F
Electromagnetically released	E
Manual adjustment to accommodate friction block wear	M
Supply voltage 230 to 415 VAC, supply frequency 50 Hz or 60 Hz adjustable	400
Electromagnet mounted in central position	M
Thickness of brake disc 10 ... 16 mm or 18 ... 26 mm	12 25

Example for ordering

Brake Caliper EV 024 FEM, supply voltage 400 VAC, electromagnet mounted in central position, thickness of brake disc 15 mm:

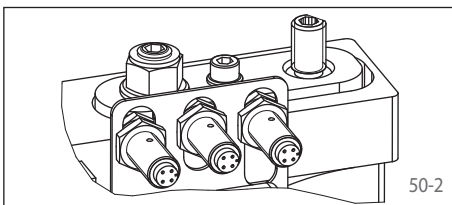
EV 024 FEM - 400 M - 12

Advantages

The brake caliper EV 024 FEM or EH 024 FEM is a very compact and high efficient disc brake with very low power consumption. Its floating bearing compensates small misalignments of the brake disc. The attached electronic reduces automatically the power consumption in open position to 10 W.

Options

- Inductive proximity switch: "Brake released"-, "Brake closed"-status and/or "Friction block wear adjustment necessary"



50-2

Technical Data

	Brake Calipers EV 024 FEM and EH 024 FEM with supply voltage	
	230/240 VAC	380/400/415 VAC
Brake disc diameter	Braking torque	Braking torque
mm	Nm	Nm
250	320	400
300	400	500
355	490	610
430	610	760
520	750	940
630	930	1 160
Clamping force	4 000 N	5 000 N
Clamping force or braking torque adjustable	60 - 100%	50 - 100%
Power consumption in open position	10 W (100% duty factor)	
Fuse rating	16A, time-lag	
Switching frequency	240/h permanent activations at 20° C ambient temperature	
Switching time*	at least 10 seconds	
Weight	13 kg	

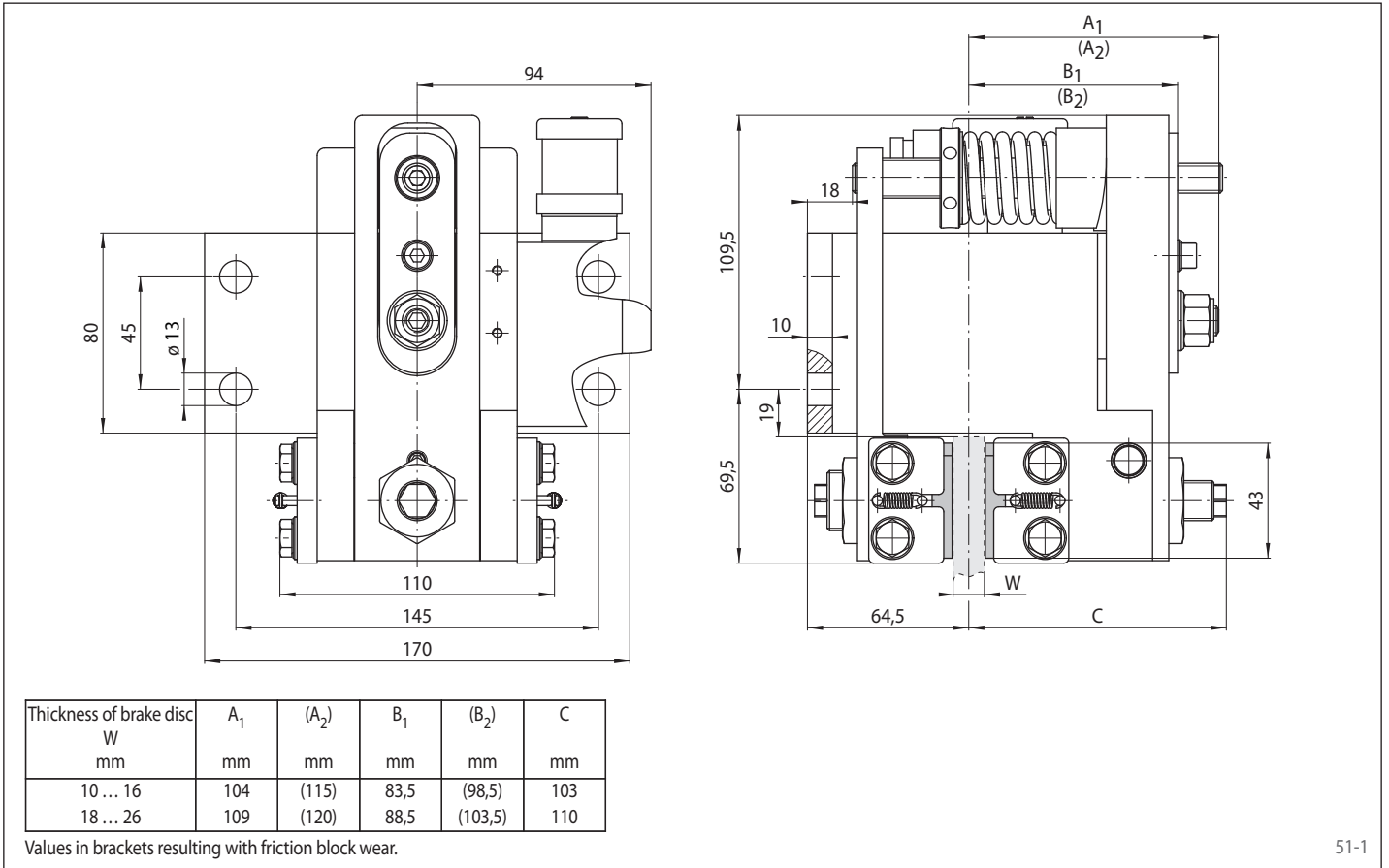
The braking torques shown in the table are based on a theoretical friction coefficient of 0,4.

* shorter switching time on request

Brake Calipers EV 024 FEM and EH 024 FEM

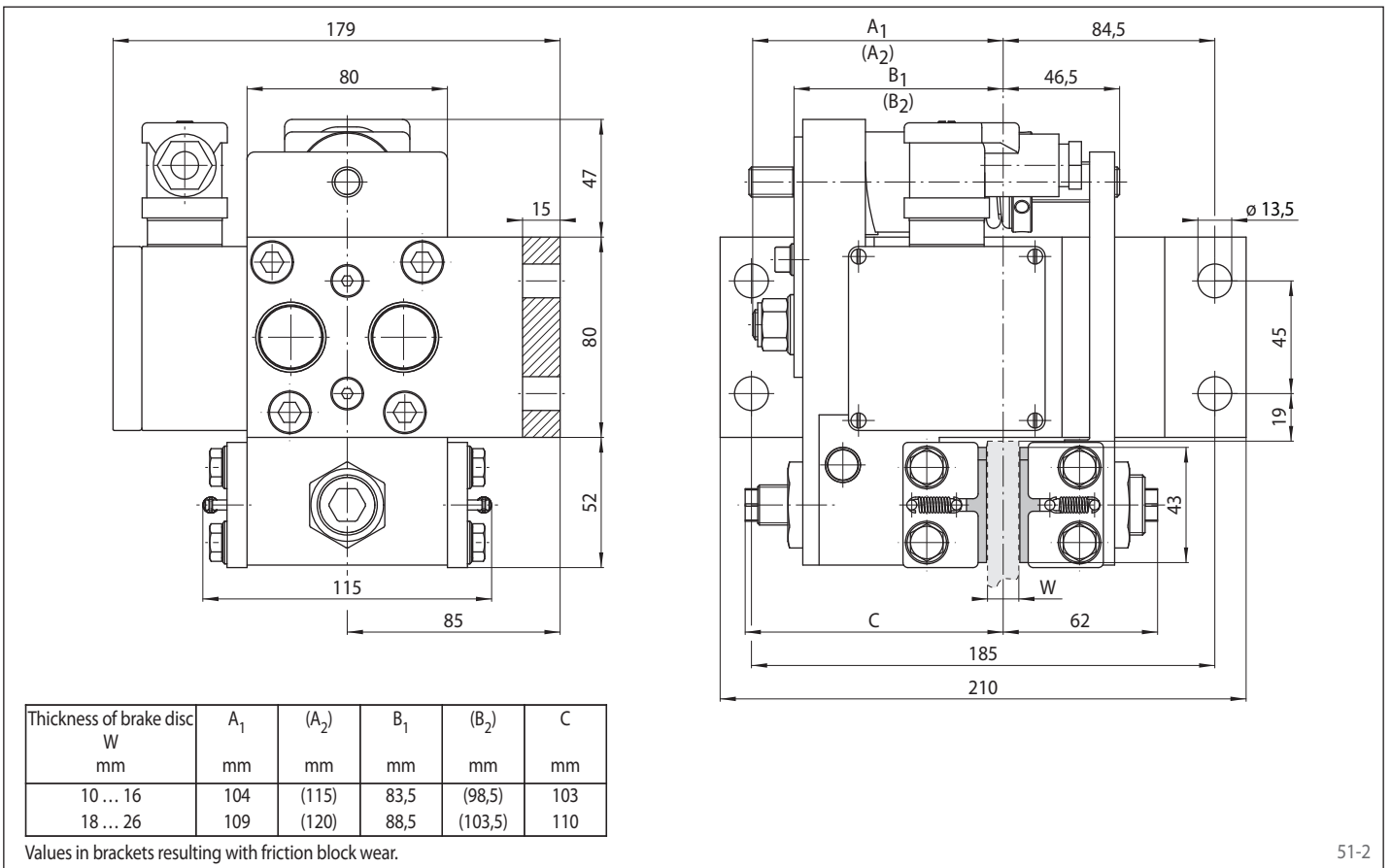
spring activated – electromagnetically released

Brake Caliper EV 024 FEM



51-1

Brake Caliper EH 024 FEM



51-2