

SIRIUS 3RW Soft Starters

3RW30, 3RW40 for Standard Applications

3RW40

More information

Application examples for normal starting (CLASS 10)

Normal starting CLASS 10 (up to 20 s with 350% $I_{n, motor}$, one start per hour)

You can select a power rating of the soft starter that is just as high as the power rating of the motor used.

Application		Conveyor belts	Roller conveyors	Compressors	Small fans ¹⁾	Pumps	Hydraulic pumps
Startup parameters							
• Voltage ramp and current limiting							
- Start voltage	%	70	60	50	40	40	40
- Starting time	s	10	10	10	10	10	10
- Current limit value		$5 \times I_M$	$5 \times I_M$	$4 \times I_M$	$4 \times I_M$	$4 \times I_M$	$4 \times I_M$
Stopping time	s	5	5	0	0	10	0

¹⁾ The mass inertia of the fan is <10 x the mass inertia of the motor.

Application examples for heavy starting (CLASS 20)

Heavy starting CLASS 20 (up to 40 s with 350% $I_{n, motor}$, one start per hour)

The performance class of the soft starter must be at least one class higher than that of the motor used.

Application		Agitators	Centrifuges
Startup parameters			
• Voltage ramp and current limiting			
- Start voltage	%	40	40
- Starting time	s	20	20
- Current limit value		$4 \times I_M$	$4 \times I_M$
Stopping time		0	0

Note:

The set values and device dimensions in these tables are examples only. They are merely provided for information purposes and are not binding. The actual settings depend on the application and must be optimized when the equipment is commissioned.

If applicable, the soft starter dimensioning should be checked using the Win-Soft Starter program or by Technical Assistance.