

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)
The soft starter rating can be selected to be as high as the rating of the motor used.

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

¹⁾ The mass inertia of the fan is <10 times 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 soft starter has to be selected at least one performance class higher than the motor used.

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

Note:

These tables present sample set values and device dimensions. They are intended only for the purposes of information and are not binding. The set values depend on the application in question and must be optimized during commissioning.

The soft starter dimensions should be checked where necessary with the help of Technical Assistance.