

# SR22 Single Phase Soft Starters Selection Chart

Any softstarter rated for Trip Class 10 in the chart below can also handle Trip Class 2 and Trip Class 5 applications with the same ratings

Ambient Temperature Up-rating %: above 40°C uprate linearly by 2% current per °C to a maximum of 60°C

Altitude Up-rating %: above 1000m uprate by 1% of current per 100m (328ft) to a maximum altitude of 2000m (6562ft)

Max Starts per hour is shown in the chart - no uprating required.

Perform Current lookup below using:

$$\text{Effective Current} = \text{Given Current} + \text{Given Current}(\text{Temp Uprate } \%) + \text{Given Current}(\text{Altitude Uprate } \%)$$

Return the first result with enough current that also meets the other criteria

Also return the recommended or required fan

Maximum Current (Amps)	Trip Class	STARTS/HOUR	Part #	Required Fan
4.5	2	10	SR22-05	
5.8	2	10	SR22-07	
7.9	2	10	SR22-09	
11	2	10	SR22-12	
13	2	10	SR22-16	
21	2	10	SR22-22	
30	2	10	SR22-30	
36	2	10	SR22-36	
41	2	10	SR22-40	
2.4	10	5	SR22-05	
3.3	10	5	SR22-07	
4.5	10	5	SR22-09	
5.8	10	5	SR22-12	
7.9	10	5	SR22-16	
11	10	5	SR22-22	
13	10	5	SR22-30	
17.8	10	5	SR22-36	
21	10	5	SR22-40	
30	10	5	SR22-40	SR22-FAN-55
1.9	20	5	SR22-05	
2.4	20	5	SR22-07	
3.3	20	5	SR22-09	
4.5	20	5	SR22-12	
5.8	20	5	SR22-16	
7.9	20	5	SR22-22	
9.7	20	5	SR22-30	
11	20	5	SR22-36	
13	20	5	SR22-40	
21	20	5	SR22-40	SR22-FAN-55
1.2	30	5	SR22-05	
1.9	30	5	SR22-07	
2.4	30	5	SR22-09	
3.3	30	5	SR22-12	
4.5	30	5	SR22-16	
5.8	30	5	SR22-22	
7.9	30	5	SR22-30	
9.8	30	5	SR22-36	
11	30	5	SR22-40	
13	30	5	SR22-40	SR22-FAN-55
4.5	2	60	SR22-05	SR22-FAN-45
5.8	2	60	SR22-07	SR22-FAN-45
7.9	2	60	SR22-09	SR22-FAN-45
11	2	60	SR22-12	SR22-FAN-45
13	2	60	SR22-16	SR22-FAN-45
21	2	60	SR22-22	SR22-FAN-55
30	2	60	SR22-30	SR22-FAN-55
36	2	60	SR22-36	SR22-FAN-55
41	2	60	SR22-40	SR22-FAN-55
2.4	10	30	SR22-05	SR22-FAN-45
3.3	10	30	SR22-07	SR22-FAN-45
4.5	10	30	SR22-09	SR22-FAN-45
5.8	10	30	SR22-12	SR22-FAN-45
7.9	10	30	SR22-16	SR22-FAN-45
11	10	30	SR22-22	SR22-FAN-55
13	10	30	SR22-30	SR22-FAN-55
17.8	10	30	SR22-36	SR22-FAN-55
21	10	30	SR22-40	SR22-FAN-55
1.9	20	30	SR22-05	SR22-FAN-45
2.4	20	30	SR22-07	SR22-FAN-45
3.3	20	30	SR22-09	SR22-FAN-45
4.5	20	30	SR22-12	SR22-FAN-45
5.8	20	30	SR22-16	SR22-FAN-45
7.9	20	30	SR22-22	SR22-FAN-55
9.7	20	30	SR22-30	SR22-FAN-55
11	20	30	SR22-36	SR22-FAN-55
13	20	30	SR22-40	SR22-FAN-55
1.2	30	30	SR22-05	SR22-FAN-45
1.9	30	30	SR22-07	SR22-FAN-45
2.4	30	30	SR22-09	SR22-FAN-45
3.3	30	30	SR22-12	SR22-FAN-45
4.5	30	30	SR22-16	SR22-FAN-45
5.8	30	30	SR22-22	SR22-FAN-55
7.9	30	30	SR22-30	SR22-FAN-55
9.8	30	30	SR22-36	SR22-FAN-55
11	30	30	SR22-40	SR22-FAN-55