

SR22 Soft Starters Selection Chart

Treat trip class 5 as though it is 10 for this series

Ambient Temperature Uprating %: above 50°C uprate linearly by 2% current per °C to a maximum of 60°C

Altitude Uprating %: 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:

Effective Current = Given Current + Given Current(Temp Uprate %) + Given Current(Altitude Uprate %)

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

Also return the recommended or required fan

Maximum Current (Amps)	208VAC 3Ph	230VAC 3Ph	460VAC 3Ph	575VAC 3Ph	Wiring	Max Starts/Hour	Trip Class	Part #	Recommended Fan	Required Fan
4.6	Y	N	N	N	inline	5	2	SR22-05		
6.6	Y	N	N	N	inline	5	2	SR22-07		
?	Y	N	N	N	inline	5	2	SR22-09		
10.6	Y	N	N	N	inline	5	2	SR22-12		
?	Y	N	N	N	inline	5	2	SR22-16		
16.7	Y	N	N	N	inline	5	2	SR22-22		
24.2	Y	N	N	N	inline	5	2	SR22-30		
4.2	N	Y	N	N	inline	5	2	SR22-05		
6.8	N	Y	N	N	inline	5	2	SR22-07		
?	N	Y	N	N	inline	5	2	SR22-09		
9.6	N	Y	N	N	inline	5	2	SR22-12		
15.2	N	Y	N	N	inline	5	2	SR22-16		
22	N	Y	N	N	inline	5	2	SR22-22		
28	N	Y	N	N	inline	5	2	SR22-30		
4.8	N	N	Y	N	inline	5	2	SR22-05		
?	N	N	Y	N	inline	5	2	SR22-07		
?	N	N	Y	N	inline	5	2	SR22-09		
11	N	N	Y	N	inline	5	2	SR22-12		
14	N	N	Y	N	inline	5	2	SR22-16		
21	N	N	Y	N	inline	5	2	SR22-22		
27	N	N	Y	N	inline	5	2	SR22-30		
2.4	Y	N	N	N	inline	5	10	SR22-05		
3.5	Y	N	N	N	inline	5	10	SR22-07		
4.6	Y	N	N	N	inline	5	10	SR22-09		
6.6	Y	N	N	N	inline	5	10	SR22-12		
7.5	Y	N	N	N	inline	5	10	SR22-16		
10.6	Y	N	N	N	inline	5	10	SR22-22		
?	Y	N	N	N	inline	5	10	SR22-30		
16.7	Y	N	N	N	inline	5	10	SR22-36		
?	Y	N	N	N	inline	5	10	SR22-40		
24.2	Y	N	N	N	inline	30	10	SR22-40		SR22-FAN-55
2.2	N	Y	N	N	inline	5	10	SR22-05		
3.2	N	Y	N	N	inline	5	10	SR22-07		
4.2	N	Y	N	N	inline	5	10	SR22-09		
6.8	N	Y	N	N	inline	5	10	SR22-12		
9.6	N	Y	N	N	inline	5	10	SR22-16		
?	N	Y	N	N	inline	5	10	SR22-22		
15.2	N	Y	N	N	inline	5	10	SR22-30		
?	N	Y	N	N	inline	5	10	SR22-36		
22	N	Y	N	N	inline	5	10	SR22-40		

28	N	Y	N	N	inline	30	10	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	5	10	SR22-05		
3.4	N	N	Y	N	inline	5	10	SR22-07		
4.8	N	N	Y	N	inline	5	10	SR22-09		
4.8	N	N	Y	N	inline	5	10	SR22-12		
7.6	N	N	Y	N	inline	5	10	SR22-16		
11	N	N	Y	N	inline	5	10	SR22-22		
14	N	N	Y	N	inline	5	10	SR22-30		
14	N	N	Y	N	inline	5	10	SR22-36		
21	N	N	Y	N	inline	5	10	SR22-40		
27	N	N	Y	N	inline	5	10	SR22-40		SR22-FAN-55
2.4	Y	N	N	N	inline	5	20	SR22-07		
3.5	Y	N	N	N	inline	5	20	SR22-09		
4.6	Y	N	N	N	inline	5	20	SR22-12		
6.6	Y	N	N	N	inline	5	20	SR22-16		
7.5	Y	N	N	N	inline	5	20	SR22-22		
?	Y	N	N	N	inline	5	20	SR22-30		
10.6	Y	N	N	N	inline	5	20	SR22-36		
16.7	Y	N	N	N	inline	5	20	SR22-40		
24.2	Y	N	N	N	inline	30	20	SR22-40		SR22-FAN-55
2.2	N	Y	N	N	inline	5	20	SR22-07		
3.2	N	Y	N	N	inline	5	20	SR22-09		
4.2	N	Y	N	N	inline	5	20	SR22-12		
6.8	N	Y	N	N	inline	5	20	SR22-16		
9.6	N	Y	N	N	inline	5	20	SR22-22		
?	N	Y	N	N	inline	5	20	SR22-30		
9.6	N	Y	N	N	inline	5	20	SR22-36		
15.2	N	Y	N	N	inline	5	20	SR22-40		
22	N	Y	N	N	inline	30	20	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	5	20	SR22-07		
3.4	N	N	Y	N	inline	5	20	SR22-09		
4.8	N	N	Y	N	inline	5	20	SR22-12		
4.8	N	N	Y	N	inline	5	20	SR22-16		
7.6	N	N	Y	N	inline	5	20	SR22-22		
?	N	N	Y	N	inline	5	20	SR22-30		
11	N	N	Y	N	inline	5	20	SR22-36		
14	N	N	Y	N	inline	5	20	SR22-40		
21	N	N	Y	N	inline	30	20	SR22-40		SR22-FAN-55
2.4	Y	N	N	N	inline	5	30	SR22-09		
3.5	Y	N	N	N	inline	5	30	SR22-12		
4.6	Y	N	N	N	inline	5	30	SR22-16		
6.6	Y	N	N	N	inline	5	30	SR22-22		
7.5	Y	N	N	N	inline	5	30	SR22-30		
?	Y	N	N	N	inline	5	30	SR22-36		
10.6	Y	N	N	N	inline	5	30	SR22-40		
16.7	Y	N	N	N	inline	30	30	SR22-40		SR22-FAN-55
2.2	N	Y	N	N	inline	5	30	SR22-09		
3.2	N	Y	N	N	inline	5	30	SR22-12		
4.2	N	Y	N	N	inline	5	30	SR22-16		
6.8	N	Y	N	N	inline	5	30	SR22-22		
9.6	N	Y	N	N	inline	5	30	SR22-30		
?	N	Y	N	N	inline	5	30	SR22-36		
9.6	N	Y	N	N	inline	5	30	SR22-40		
15.2	N	Y	N	N	inline	30	30	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	5	30	SR22-09		
3.4	N	N	Y	N	inline	5	30	SR22-12		
4.8	N	N	Y	N	inline	5	30	SR22-16		
4.8	N	N	Y	N	inline	5	30	SR22-22		
7.6	N	N	Y	N	inline	5	30	SR22-30		

?	N	N	Y	N	inline	5	30	SR22-36		
11	N	N	Y	N	inline	5	30	SR22-40		
14	N	N	Y	N	inline	30	30	SR22-40		SR22-FAN-55
4.6	Y	N	N	N	inline	30	2	SR22-05		SR22-FAN-45
6.6	Y	N	N	N	inline	30	2	SR22-07		SR22-FAN-45
?	Y	N	N	N	inline	30	2	SR22-09		SR22-FAN-45
10.6	Y	N	N	N	inline	30	2	SR22-12		SR22-FAN-45
10.6	Y	N	N	N	inline	30	2	SR22-16		SR22-FAN-45
16.7	Y	N	N	N	inline	30	2	SR22-22		SR22-FAN-55
24.2	Y	N	N	N	inline	30	2	SR22-30		SR22-FAN-55
4.2	N	Y	N	N	inline	30	2	SR22-05		SR22-FAN-45
6.8	N	Y	N	N	inline	30	2	SR22-07		SR22-FAN-45
?	N	Y	N	N	inline	30	2	SR22-09		SR22-FAN-45
9.6	N	Y	N	N	inline	30	2	SR22-12		SR22-FAN-45
15.2	N	Y	N	N	inline	30	2	SR22-16		SR22-FAN-45
22	N	Y	N	N	inline	30	2	SR22-22		SR22-FAN-55
28	N	Y	N	N	inline	30	2	SR22-30		SR22-FAN-55
4.8	N	N	Y	N	inline	30	2	SR22-05		SR22-FAN-45
4.8	N	N	Y	N	inline	30	2	SR22-07		SR22-FAN-45
?	N	N	Y	N	inline	30	2	SR22-09		SR22-FAN-45
11	N	N	Y	N	inline	30	2	SR22-12		SR22-FAN-45
14	N	N	Y	N	inline	30	2	SR22-16		SR22-FAN-45
21	N	N	Y	N	inline	30	2	SR22-22		SR22-FAN-55
27	N	N	Y	N	inline	30	2	SR22-30		SR22-FAN-55
2.4	Y	N	N	N	inline	30	10	SR22-05		SR22-FAN-45
3.5	Y	N	N	N	inline	30	10	SR22-07		SR22-FAN-45
4.6	Y	N	N	N	inline	30	10	SR22-09		SR22-FAN-45
6.6	Y	N	N	N	inline	30	10	SR22-12		SR22-FAN-45
7.5	Y	N	N	N	inline	30	10	SR22-16		SR22-FAN-45
10.6	Y	N	N	N	inline	30	10	SR22-22		SR22-FAN-55
10.6	Y	N	N	N	inline	30	10	SR22-30		SR22-FAN-55
16.7	Y	N	N	N	inline	30	10	SR22-36		SR22-FAN-55
16.7	Y	N	N	N	inline	30	10	SR22-40		SR22-FAN-55
2.2	N	Y	N	N	inline	30	10	SR22-05		SR22-FAN-45
3.2	N	Y	N	N	inline	30	10	SR22-07		SR22-FAN-45
4.2	N	Y	N	N	inline	30	10	SR22-09		SR22-FAN-45
6.8	N	Y	N	N	inline	30	10	SR22-12		SR22-FAN-45
9.6	N	Y	N	N	inline	30	10	SR22-16		SR22-FAN-45
9.6	N	Y	N	N	inline	30	10	SR22-22		SR22-FAN-55
15.2	N	Y	N	N	inline	30	10	SR22-30		SR22-FAN-55
15.2	N	Y	N	N	inline	30	10	SR22-36		SR22-FAN-55
22	N	Y	N	N	inline	30	10	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	30	10	SR22-05		SR22-FAN-45
3.4	N	N	Y	N	inline	30	10	SR22-07		SR22-FAN-45
4.8	N	N	Y	N	inline	30	10	SR22-09		SR22-FAN-45
4.8	N	N	Y	N	inline	30	10	SR22-12		SR22-FAN-45
7.6	N	N	Y	N	inline	30	10	SR22-16		SR22-FAN-45
11	N	N	Y	N	inline	30	10	SR22-22		SR22-FAN-55
14	N	N	Y	N	inline	30	10	SR22-30		SR22-FAN-55
14	N	N	Y	N	inline	30	10	SR22-36		SR22-FAN-55
21	N	N	Y	N	inline	30	10	SR22-40		SR22-FAN-55
2.4	Y	N	N	N	inline	30	20	SR22-07		SR22-FAN-45
3.5	Y	N	N	N	inline	30	20	SR22-09		SR22-FAN-45
4.6	Y	N	N	N	inline	30	20	SR22-12		SR22-FAN-45
6.6	Y	N	N	N	inline	30	20	SR22-16		SR22-FAN-45
7.5	Y	N	N	N	inline	30	20	SR22-22		SR22-FAN-55
?	Y	N	N	N	inline	30	20	SR22-30		SR22-FAN-55
10.6	Y	N	N	N	inline	30	20	SR22-36		SR22-FAN-55
16.7	Y	N	N	N	inline	30	20	SR22-40		SR22-FAN-55

2.2	N	Y	N	N	inline	30	20	SR22-07		SR22-FAN-45
3.2	N	Y	N	N	inline	30	20	SR22-09		SR22-FAN-45
4.2	N	Y	N	N	inline	30	20	SR22-12		SR22-FAN-45
6.8	N	Y	N	N	inline	30	20	SR22-16		SR22-FAN-45
9.6	N	Y	N	N	inline	30	20	SR22-22		SR22-FAN-55
?	N	Y	N	N	inline	30	20	SR22-30		SR22-FAN-55
9.6	N	Y	N	N	inline	30	20	SR22-36		SR22-FAN-55
15.2	N	Y	N	N	inline	30	20	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	30	20	SR22-07		SR22-FAN-45
3.4	N	N	Y	N	inline	30	20	SR22-09		SR22-FAN-45
4.8	N	N	Y	N	inline	30	20	SR22-12		SR22-FAN-45
4.8	N	N	Y	N	inline	30	20	SR22-16		SR22-FAN-45
7.6	N	N	Y	N	inline	30	20	SR22-22		SR22-FAN-55
?	N	N	Y	N	inline	30	20	SR22-30		SR22-FAN-55
11	N	N	Y	N	inline	30	20	SR22-36		SR22-FAN-55
14	N	N	Y	N	inline	30	20	SR22-40		SR22-FAN-55
2.4	Y	N	N	N	inline	30	30	SR22-09		SR22-FAN-45
3.5	Y	N	N	N	inline	30	30	SR22-12		SR22-FAN-45
4.6	Y	N	N	N	inline	30	30	SR22-16		SR22-FAN-45
6.6	Y	N	N	N	inline	30	30	SR22-22		SR22-FAN-55
7.5	Y	N	N	N	inline	30	30	SR22-30		SR22-FAN-55
?	Y	N	N	N	inline	30	30	SR22-36		SR22-FAN-55
10.6	Y	N	N	N	inline	30	30	SR22-40		SR22-FAN-55
2.2	N	Y	N	N	inline	30	30	SR22-09		SR22-FAN-45
3.2	N	Y	N	N	inline	30	30	SR22-12		SR22-FAN-45
4.2	N	Y	N	N	inline	30	30	SR22-16		SR22-FAN-45
6.8	N	Y	N	N	inline	30	30	SR22-22		SR22-FAN-55
9.6	N	Y	N	N	inline	30	30	SR22-30		SR22-FAN-55
?	N	Y	N	N	inline	30	30	SR22-36		SR22-FAN-55
9.6	N	Y	N	N	inline	30	30	SR22-40		SR22-FAN-55
3	N	N	Y	N	inline	30	30	SR22-09		SR22-FAN-45
3.4	N	N	Y	N	inline	30	30	SR22-12		SR22-FAN-45
4.8	N	N	Y	N	inline	30	30	SR22-16		SR22-FAN-45
4.8	N	N	Y	N	inline	30	30	SR22-22		SR22-FAN-55
7.6	N	N	Y	N	inline	30	30	SR22-30		SR22-FAN-55
?	N	N	Y	N	inline	30	30	SR22-36		SR22-FAN-55
11	N	N	Y	N	inline	30	30	SR22-40		SR22-FAN-55