

Contactors and Starters

Type S, NEMA-style Starters Class 8536

1

53108



8536 SAO 12 V02 H20

3-pole starters

NEMA Size	Standard power ratings of 3-phase motors 50/60 Hz								Contin-uous current ratings A	Enclosure type (1)	Basic reference Add code indicating control circuit voltage (2) and optional variants (3) and "H" code (4)	Weight kg (lb)
	Motor volts											
	200 V		230 V		460 V		575 V					
	hp	kW	hp	kW	hp	kW	hp	kW				
00	1.5	1.1	1.5	1.1	2	1.5	2	1.5	9	Open	8536 SAO 12 (2) (3) (4)	2 (4)
										NEMA 1	8536 SAG 12 (2) (3) (4)	3 (8)
										NEMA 12	8536 SBA 2 (2) (3) (4)	7 (16)
0	3	2.2	3	2.2	5	3.7	5	3.7	18	Open	8536 SBO 2 (2) (3) (4)	2 (4)
										NEMA 1	8536 SBG 2 (2) (3) (4)	4 (8)
										NEMA 12	8536 SBA 2 (2) (3) (4)	7 (16)
1	7.5	5.5	7.5	5.5	10	7.5	10	7.5	27	Open	8536 SCO 3 (2) (3) (4)	2 (4)
										NEMA 1	8536 SCG 3 (2) (3) (4)	3 (8)
										NEMA 12	8536 SCA 3 (2) (3) (4)	7 (16)
2	10	7.5	15	11	25	18.5	25	18.5	45	Open	8536 SDO 1 (2) (3) (4)	3 (6.75)
										NEMA 1	8536 SDG 1 (2) (3) (4)	7 (15.5)
										NEMA 12	8536 SDA 1 (2) (3) (4)	10 (23)
3	25	18.5	30	22	50	37	50	37	90	Open	8536 SEO 1 (2) (3) (4)	6 (14)
										NEMA 1	8536 SEG 1 (2) (3) (4)	17 (37)
										NEMA 12	8536 SEA 1 (2) (3) (4)	31 (68)
4	40	30	50	37	100	75	100	75	135	Open	8536 SFO 1 (2) (3) (4)	8 (18)
										NEMA 1	8536 SFG 1 (2) (3) (4)	25 (56)
										NEMA 12	8536 SFA 1 (2) (3) (4)	33 (73)
5	75	55	100	75	200	150	200	150	270	Open	8536 SGO 1 (2) (3) (4)	20 (45)
										NEMA 1	8536 SGG 1 (2) (3) (4)	73 (160)
										NEMA 12	8536 SGA 1 (2) (3) (4)	80 (177)
6	150	110	200	150	400	300	400	300	540	Open	8536 SHO 2 (2) (3) (4)	32 (80)
										NEMA 1	8536 SHG 2 (2) (3) (4)	105 (231)
										NEMA 12	8536 SHA 2 (2) (3) (4)	106 (233)
7	-	-	300	220	600	450	600	450	810	Open	8536 SJO 2 (2) (3) (4)	61 (135)
										NEMA 1	8536 SJG 2 (2) (3) (4)	130 (287)
										NEMA 12	8536 SJA 2 (2) (3) (4)	140 (309)

(1) Open: no enclosure ("O").

NEMA 1: General purpose enclosure ("G").

NEMA 12: Dust-tight and drip-tight industrial-use enclosure ("A").

(2) Standard control circuit voltage:

Volts	24	110	120	208	220	240	380	440	480	550	600
50 Hz	-	V02	-	-	V03	-	V05	V06	-	V07	-
60 Hz	V01	-	V02	V08	-	V03	-	-	V06	-	V07

24 V and 120 V coils require the addition of form "S" for separate control. Example: 8536 SAO 12 V01 H10S.

(3) For optional variants, see pages 1/10 to 1/13.

(4) To complete the "H" code for solid-state overload relays, see page 1/10.