

4 Rating Table

RATING TABLE

DRIVE MODEL NO.	TYPICAL DC MOTOR RATING AT 240V/500V ARM		DRIVE TYPE	HEAT LOSS MAX. WATTS ⁽²⁾	⁽¹⁾ MAXIMUM CONTINUOUS CURRENT RATING @55C		LUG WIRE SIZE ⁽¹⁾		COOLING		APPROX. WEIGHT (LBS/KG)	SIZE		
	HP	KW			AC INPUT	DC OUTPUT	LINE	ARM	METHOD	AIR FLOW (CFM)				
Non-Regenerative	9500-8302	10/20	9.1/19	1 Quadrant	123	31	38	14/6	14/6	Nat. Conv.	-	44/20	1	
	9500-8303	15/30	13.2/27.5	1 Quadrant	179	45	55	14/6	14/6	Nat. Conv.	-			
	9500-8305	30/60	25.5/53.2	1 Quadrant	387	87	106	6/250	6/250	Built-in Fan	200			71/32
	9500-8306	50/100	41.8/87	1 Quadrant	552	141	172	6/250	6/250	Built-in Fan	200			71/32
	9500-8307	75/150	62/129	1 Quadrant	758	209	255	6/350	4/500	Built-in Fan	500	110/50	2	
	9500-8308	100/200	83/172	1 Quadrant	968	277	338	6/250 ⁽⁵⁾	6/250 ⁽⁵⁾	Built-in Fan	500			
	9500-8309	125/250	102/213	1 Quadrant	1216	351	428	4/250 ⁽⁵⁾	4/350 ⁽⁵⁾	Built-in Fan	750			
	9500-8310	150/300	121/253	1 Quadrant	1400	417	508	4/350 ⁽⁵⁾	4/600 ⁽⁵⁾	Built-in Fan	750	155/70	2	
	9500-8311	200/400	158/329	1 Quadrant	1743	554	675	6/350 ⁽⁶⁾	4/500 ⁽⁶⁾	Built-in Fan	750			
	9500-8315	500	197/410	1 Quadrant	2084	672	820	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760	397/180	3	
	9500-8316	600	236/493	1 Quadrant	2436	808	985	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8317	700	276/575	1 Quadrant	2776	943	1150	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8318	800	300/625	1 Quadrant	2961	1025	1250	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8319	900	353/735	1 Quadrant	3647	1205	1470	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760	443/201	3	
	9500-8320	1000	389/810	1 Quadrant	4000	1328	1620	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
Regenerative	9500-8602	10/20	9.1/19	4 Quadrant	123	31	38	14/6	14/6	Nat. Conv.	-	55/25	1	
	9500-8603	15/30	13.2/27.5	4 Quadrant	179	45	55	14/6	14/6	Nat. Conv.	-			
	9500-8605	30/60	25.5/53.2	4 Quadrant	387	87	106	6/250	6/250	Built-in Fan	200			75/34
	9500-8606	50/100	41.8/87.4	4 Quadrant	552	141	172	6/250	6/250	Built-in Fan	200			75/34
	9500-8607	75/150	62/129	4 Quadrant	758	209	255	6/350	4/500	Built-in Fan	500	120/54	2	
	9500-8608	100/200	83/172	4 Quadrant	968	277	338	6/250 ⁽⁵⁾	6/250 ⁽⁵⁾	Built-in Fan	500			
	9500-8609	125/250	102/213	4 Quadrant	1216	351	428	4/350 ⁽⁵⁾	4/350 ⁽⁵⁾	Built-in Fan	750			
	9500-8610	150/300	121/253	4 Quadrant	1400	417	508	4/350 ⁽⁵⁾	4/600 ⁽⁵⁾	Built-in Fan	750	165/75	2	
	9500-8611	200/400	158/329	4 Quadrant	1743	554	675	6/350 ⁽⁶⁾	4/500 ⁽⁶⁾	Built-in Fan	750			
	9500-8615	500	197/410	4 Quadrant	1740	672	820	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760	475/216	3	
	9500-8616	600	236/493	4 Quadrant	2070	808	985	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8617	700	389/810	4 Quadrant	3340	1328	1620	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8618	800	300/625	4 Quadrant	2961	1025	1250	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			
	9500-8619	900	353/735	4 Quadrant	3647	1205	1470	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760	525/288	3	
	9500-8620	1000	389/810	4 Quadrant	4000	1328	1620	2/600 ⁽⁷⁾	2/600 ⁽⁷⁾	Built-in Fan	760			

NOTES:

- (1) Refer to National Electric Code, Article 310, for cable size information.
- (2) Total losses do not include field supply losses. Field losses = 1 x Field Current (in watts).
- (3) All drives are rated at 99% efficiency based on 240V armature (worst case) and total losses (less field supply).
- (4) These models do not include cooling fans, line fuses, armature fuse, or contactor.
- (5) Two (2) lugs provided for each connection, 3 line, 2 armature
- (6) Three (3) lugs provided for each connection, 3 line, 2 armature
- (7) Six (6) lugs provided for each connection, 3 line, 2 armature
- (8) Models Rated 51-200 kW -
Suitable for use on a circuit capable of delivering not more than 10,000 RMS Symmetrical Amperes, 480V maximum.
- (9) Models rated 200-400 kW -
Suitable for use on a circuit capable of delivering not more than 18,000 RMS Symmetrical Amperes, 480V maximum.

