

RPM III DC Shunt Wound SCR Drive TEFC Motors, 240V & 500V Armature, Power Code C

5 thru 50 Hp

NEMA 1812ATZ thru 3212ATZ

Applications: Metals, paper, web processes, extruders, cranes, conveyors, packaging, printing, machine tools.

Features: Unique laminated square frame for improved commutation on rectified power supplies. The square configuration allows for increased rating per frame size. Class F rated insulation system. Service Line brushes with convenient wear indicating reference lines. PLS™ (Positive Lubrication System) for longer bearing and motor life. F-1 mounting unless otherwise specified. Tach adaptable with thermostat.



Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
5	1750/2300	C1812ATZ	240	150	18.5	1.79	D2505R	11,424	N2	235	87	T18R1005 (d)	STAB	417709-17
		SC2113ATZ	500	150/300	9	1.05	D5505R	13,372	N2	345	87	T21S201 (c)	STAB	417708.21
7.5	1750/2300	SC2113ATZ	240	150	27	3.26	D2507R	14,898	N2	380	87	T21S301	STAB	417709-65
		MC2113ATZ	500	150/300	13.5	1.41	D5507R	14,898	N2	375	87	T21S302 (d)	STAB	417709-65
10	1750/2300	MC2113ATZ	240	150	35.5	3.13	D2510R	16,436	N2	380	87	T21S303	STAB	417709-65
		MC2113ATZ	500	150/300	17.5	1.55	D5510R	16,436	N2	290	87	T21S304	STAB	417709-65
15	1750/2300	SC2512ATZ	240	150	53.5	2.17	D2515R	24,640	N2	555	6.87	T25S301	STAB	417709-66
		SC2512ATZ	500	150/300	25.6	1.71	D5515R	24,640	N2	555	87	T25S302	STAB	417709-66
20	1750/2300	LC2512ATZ	240	150	71	4.14	D2520R	26,606	N2	630	87	T25S303	STAB	417709-66
		LC2512ATZ	500	150/300	33	2.05	D5520R	26,606	N2	630	87	T25S304	STAB	417709-66
25	1750/2300	MC2812ATZ	240	150	87	4.05	D2525R	37,753	N2	825	87	T28S301	STAB	417709-67
		MC2812ATZ	500	150/300	41	2.23	D5525R	37,753	N2	825	86,87	T28S302	STAB	417709-67
30	1750/2300	LC2812ATZ	500	150/300	50	1.75	D5530R	41,979	N2	900	87	T28S303	STAB	417709-67
40	1750/2300	MC3212ATZ	500	150/300	65	1.82	D5540R	57,160	N2	1150	87	T32S301	STAB	417709-68
50	1750/2300	LC3212ATZ	500	150/300	84	1.97	D5550R	60,424	N2	1325	87	T32S302	STAB	417709-68

NOTE: Encoder and tachometer kits on page 317.

- (a) Field amps at 25°C
- (b) Field amps for high voltage connection
- (c) TENV enclosure
- (d) Power Code D

RPM III Wound Field SCR 10 thru 500 Hp

NEMA 2113ATZ thru 4414ATZ

**Drive DPG-FV Motors,
240V & 500V Armature,
Power Code C**

Applications: Metals, printing, extruders, cranes, conveyors, machine tools

Features: Laminated square frame for improved commutation. Tach adaptable with thermostat. F1 mount unless otherwise specified.

Hp	Base/Max Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Notes	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)								
10	1750/2300	SC2113ATZ	500	300	18	1.11	D5010RS-BV	16,710	N2	415 (c)	91,92	T21T1342	STAB	417708-21
15	1750/2300	SC2113ATZ	240	150	56	4.73	D2015R-BV	14,459	N2	385 (d)	93	T21T1359	STR	417708-21
		SC2113ATCZ	240	150	56	4.73	CD2015R-BV	14,980	N2	385 (b)	93	T21T1384	STR	417708-21
		SC2113ATZ	500	300	27	2.22	D5015R-BV	14,459	N2	345	93	T21T1364	STR	417708-21
		SC2113ATZ	500	300	27	3.03	D5015RS-BV	16,710	N2	345 (c)	91,92	T21T1346	STAB	417708-21
20	1750/2300	SC2113ATZ	240	150	76.5	7.12	D2020R-BV	14,459	N2	400 (d)	93	T21T1363	STR	417708-21
		SC2113ATZ	500	300	37	3.03	D5020R-BV	14,459	N2	395	93	T21T1350	STR	417708-21
		MC2113ATZ	500	300	37	2.23	D5020RS-BV	18,248	N2	440 (c)	91,92	T21T1344	STAB	417708-21
25	1750/2300	MC2113ATZ	240	150	96	8.43	D2025R-BV	15,997	N2	425 (d)	93	T21T1371	STR	417708-21
		MC2113ATZ	500	300	46	3.33	D5025R-BV	15,997	N2	370	6,94	T21T1351	STR	417708-21
		LC2113ATZ	500	300	43	3.08	D5025RS-BV	19,635	N2	470 (c)	91,92	T21T1345	STAB	417708-21
30	1750/2300	LC2113ATZ	240	150	109	10	D2030R-BV	17,384	N2	400	93	T21T1375	STR	417708-21
		LC2113ATZ	500	300	52	3.3	D5030R-BV	17,384	N2	450	93	T21T1352	STR	417708-21
	1750/2300	SC2512ATZ	500	300	51	2.84	D5030RS-BV	26,732	N2	565 (c)	91,92	T25T1342	STAB	417708-21
40	1150/1800	LC2115ATZ	500	300	54	3.94	D5130R-BV	23,220	N2	550	94	T21T1378	STR	417708-21
	1750/2300	LC2115ATZ	240	150	146	5.63	D2040R-BV	23,220	N2	480	6,93	T21T1380	STR	417708-21
	1750/2100	MC2115ATZ	500	300	69	4.48	D5040R-BV	20,683	N2	425	93	T21T2353	STR	417708-21
	1150/2000	MC2512ATZ	500	300	68.5	2.88	D5040RS-BV	27,718	N2	570 (c)	6,91,92	T25T1344	STAB	417708-21
50	1750/2100	LC2512ATZ	500	300	72	5.27	D5140R-BV	26,167	N2	650	94	T25T1355	STR	417708-21
		LC2512ATZ	500	300	87	3.94	D5050R-BV	23,220	N2	530	93	T21T2354	STR	417708-21
		LC2512ATZ	500	300	84	3.38	D5050RS-BV	28,698	N2	610 (c)	6,91,92	T25T1339	STAB	417708-21
1150/1900	C2514ATZ	500	300	87	4.06	D5150R-BV	30,248	N2	735	6,94	T25T1359	STR	417708-21	
60	1750/2100	LC2512ATZ	500	300	102	4.6	D5060R-BV	26,167	N2	650	93	T25T2348	STR	417708-21
		MC2812ATZ	500	300	100	3.43	D5060RS-BV	39,845	N2	810 (c)	6,91,92	T28T1330	STAB	417708-26
	1150/1900	C2515ATZ	500	300	102	5.17	D5160R-BV	34,930	N2	870	6,93	T25T1364	STR	417708-21
75	1750/2100	C2514ATZ	500	300	124	6.21	D5075R-BV	30,248	N2	695	93	T25T2349	STR	417708-21
		LC2812ATZ	500	300	124	3.62	D5075RS-BV	44,071	N2	930 (c)	6,91,92	T28T1327	STAB	417708-26
	1150/2000	C2815ATZ	500	300	125	4.14	D5175R-BV	49,710	N2	1190	6,93	T28T1342	STR	417708-26
100	1750/2000	C2515ATZ	500	300	167	6.7	D50100R-BV	34,930	N2	870	93	T25T2350	STR	417708-21
	1750/2100	MC3212ATZ	500	300	162	3.33	D50100RS-BV	59,314	N2	1210 (c)	6,91,92	T32T1314	STAB	417708-26
	1150/1850	C2815ATZ	500	300	168	4.14	D51100R-BV	49,710	N2	1240	6,94	T28T1344	STR	417708-26
125	1750/2000	C2813ATZ	500	300	204	6.93	D50125R-BV	43,557	N2	940	6,93	T28T1333	STR	417708-26
		UC2813ATZ	500	300	204	6.93	D50125UR-BV	44,635	N2	945	5,6,93	T28T1349	STR	417708-26
	1750/2000	LC3212ATZ	500	300	203	4.4	D50125RS-BV	62,683	N2	1290 (c)	6,91,92	T32T1318	STAB	417708-26
	1150/2000	UC3214ATZ	500	300	204	8.36	D51125RR-BV	64,222	N2	1475	5,6,93	T32T1327	STR	417708-26
150	1750/2000	C2815ATZ	500	300	245	9.45	D50150R-BV	49,710	N2	1125	6,93	T28T1334	STR	417708-26
		UC2815ATZ	500	300	245	9.45	D50150UR-BV	50,787	N2	1255	5,6,93	T28T1350	STR	417708-26
	1750/2100	MC3612ATZ	500	300	240	4.8	D50150RS-BV	77,708	N2	1685 (c)	6,95	T36S1313	STAB	417708-26
1150/2000	ULC3612ATZ	500	300	249	7.29	D51150RR-BV	78,571	N2	1860	5,6,94	T36S1323	STR	417708-26	
200	1750/2100	UC3214ATZ	500	300	322	8.36	D50200RR-BV	64,222	N2	1585	5,6,93	T32T1322	STR	417708-26
		LC3612ATZ	500	300	321	5.41	D50200RS-BV	80,016	N2	1850 (c)	6,95	T36S1314	STAB	417708-26
250	1150/2000	C3613ATZ	500	300	323	10.7	D51200R-BV	92,934	N2	2010	6,94	T36S1325	STR	417708-26
		ULC3612ATZ	500	300	405	8.87	D50250RR-BV	78,571	N2	1890	5,6,94	T36S1318	STR	417708-26
		C4011ATZ	500	300	400	6.63	D50250RS-BV	108,706	N2	2500 (c)	6,95	T40S1306	STAB	417708-26
300	1150/2000	MC4013ATZ	500	300	406	10.7	D51250R-BV	127,043	N2	2800	6,94	T40S1317	STR	417708-26
	1750/2000	LC3613ATZ	500	300	478	12.5	D50300R-BV	99,404	N2	2010	6,94	T36S1319	STR	417708-26
	1750/2100	MC4013ATZ	500	300	478	6.5	D50300RS-BV	131,390	N2	2800 (c)	6,95	T40S1309	STAB	417708-26
400	1150/2000	LC4013ATZ	500	300	485	13.2	D51300R-BV	142,529	N2	3100	6,94	T40S1320	STR	417708-26
		MC4013ATZ	500	300	643	11.9	D50400R-BV	127,043	N2	2800	6,94	T40S1314	STR	417708-26
		LC4013ATZ	500	300	635	7.97	D50400RS-BV	146,876	N2	3100 (c)	6,95	T40S1311	STAB	417708-26
500	1150/1600	C4413ATZ	500	300	644	13	D51400R-BV	176,193	N2	3830	6,91,94	T44T1304	STR	417708-156
	1750/2050	C4412ATZ	500	300	797	10.8	D50500R-BV	171,511	N2	3480	6,91,94	T44T1305	STR	417708-156
1150/1450	C4414ATZ	500	300	805	12.3	D51500R-BV	180,069	N2	4560	6,91,94	T44T1306	STR	417708-156	

NOTE: Encoder and tachometer kits on page 317.

(a) Field amps at 25°C
(b) 210TC C-Face

(c) Extruder duty enclosed commutator design
(d) Power Code D

Farm Duty Motors

Definite Purpose Motors

Unit Handling Motors

Brake Motors

200 & 575 Volt Motors

IEC Frame Motors

50 Hertz Motors

Inverter/Vector Motors & Controls

DC Motors and Controls

Soft Starters & Dynamic Brakes