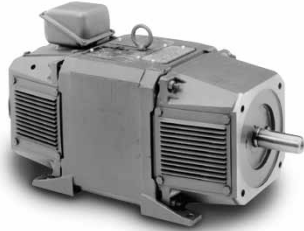


RPM III DC Shunt Wound SCR Drive Motors, 180V Armature Power Code K



1.5 thru 5 Hp

NEMA 189ATY thru 2112ATCZ

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-3 mounting. Tach adaptable with thermostat.

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Enclosure	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)(b)								
1.5	1750	DC189ATY (c)	180	100/200	7.2	0.721	TENV	D1815R	5,275	N2	169	T18R1119	STR	413336-1R
2	1750	DC189ATY (c)	180	100/200	9.5	0.72	TENV	D1802R	5,275	N2	166	T18R1117	STR	413336-1R
3	1750	DC1811ATCZ (d)	180	100/200	14.1	1.21	TENV	CD1803R	8,651	N2	218	T18R1102	STR	413336-1R
		DC189ATY (c)(e)	180	100/200	14.8	0.946	DPG	D1803R	5,275	N2	130	T18R1118	STR	413336-1R
		DC189ATCZ (d)(e)	180	100/200	14.8	0.946	DPG	CDD1803R	5,275	N2	160	T18R1120	STR	413336-1R
5	1750	DC1810ATCZ (d)(e)	180	100/200	24	1.67	DPG	CD1805R	6,345	N2	175	T18R1105	STR	413336-1R
		DC2112ATCZ (d)	180	100/200	23	1.3	TENV	CD2105R	12,693	N2	400	T21S1101	STR	413336-1R

NOTE: Encoder and tachometer kits on page 317.

(a) Field amps at 25°C

(b) Field amps for high voltage connection

(c) 140TC C-face

(d) 180TC C-face

(e) Top mounted conduit box, if blower added, blower must be mounted F-1 or F-2.

RPM III DC Shunt Wound SCR Drive Motors, 240V Armature 240V Field, Power Code C



3 thru 10 Hp

NEMA 1811ATCZ thru 2113ATCZ

Applications: Textile range drives, roofing machines, tube mills, and similar applications.

Features: Range drive motors have matched IR drops within approximately 5 volts and good regulation characteristics out to the maximum field weakened speed of 2300 rpm. Capable of operation at 25% base speed with 67% armature current and motor field pre-weakened to 2100 rpm. Specially designed for use on multi-motor drives operating on a common voltage power supply such as textile range drives, roofing machines, tube mills, etc. F-1 mounting. Tach adaptable with thermostat.

Hp	Base Speed	NEMA Frame	Voltage D.C.		Full Load Amperage		Enclosure	Catalog Number	List Price	Mult. Sym.	Ap'x. Shpg. Wgt.	Reliance M/N	Field Type	XPY Tach Kit
			Arm.	Field	Arm.	Field (a)								
3	1750/2300	C1811ATCZ (b)	240	240	11	0.994	SPG	CD2003R-2	9,665	N2	180	T18R1009	STAB	413336-1R
5	1750/2300	C1811ATCZ (b)	240	240	18.1	1.11	SPG	CD2005R-2	9,665	N2	180	T18R1010	STAB	413336-1R
7.5	1750/2300	C1812ATCZ (b)	240	240	27	1.4	SPG	CD2007R-2	10,517	N2	215	T18R1011	STAB	413336-1R
10	1750/2300	SC2113ATCZ (c)	240	240	37	2.18	SPG	D2010R-2	14,551	N2	360	T21S1001	STAB	417708-21

NOTE: Encoder and tachometer kits on page 317.

(a) Field amps at 25°C

(b) 180TC C-face

(c) 210TC C-face

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