

SD18200C

SEVERE DUTY – INVERTER RATED (10:1 VT; 5:1 CT)

Energy Efficient – Three Phase – TEFC - AC Motor



DIMENSIONS – INCHES

MOUNTING					A	B	C	D	G	J	P	L	BC	AH	AB	AA
E	2F1	2F2	H	BA												
9	20	25	0.81	7.5	22	30.5	55.8	11	1.38	3.35	21.6	26.05	0.25	8.25	19.5	3
KEY			KEYSET R		FLANGE – (8 Holes)						SHAFT EXTENSION					
WIDTH		LENGTH		AK	AJ	BF		BB	BD	N-W		U				
0.875		6.91		2.88	16	14		5/8-11	0.25	18	8.5		3.375			

PERFORMANCE DATA

Three Phase – 60Hz - 460V – NEMA Design B - Max. Ambient: 40° C

HP	Speed	Frame	NEMA Code	Efficiency (%)			Power Factor (%)			Torque (ft-lb)		
				100%	75%	50%	100%	75%	50%	FLT	BDT%	LRT%
200	1780	447TC	G	95.4	95.9	95.8	0.890	0.907	0.876	590.11	245	210
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
222.8	1235	6319	6319	F	TEFC	1.15	2363					



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50Hz AND 60Hz DATA FOR 3 PHASE AC INDUCTION MOTOR AS IT APPEARS ON THE NAMEPLATE.

SEVERE DUTY – INVERTER RATED (10:1 VT; 5:1 CT)

CAT. NO: H18200C		FRAME: 447TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6319				OPP/END BRG: 6319			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 2363LBS	
USABLE ON 208V 60HZ AT: MAX. AMPS						SER:	
60 HERTZ DATA	HP: 200 RPM: 1780			HP: 200 RPM: 1475			50 HERTZ DATA
	VOLTAGE: 460V			VOLTAGE: 380V			
	F. L. AMPS: 222.8			F. L. AMPS: 269.4			
	S.F. AMPS: 258.5			S.F. AMPS: 269.4			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 95.4%			NEMA NOM. EFF: 94.1%			
	NOM. P. F.: 0.890			NOM. P. F.: 0.899			
	NEMA MIN. EFF.: 94.1%			NEMA MIN. EFF.: 93.0%			
	MAX. KVAR: 39.3			MAX. KVAR: 27.6			

Note: F.L. = Full Load P.F. = Power Factor S.F. = Service Factor



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