

SD1860C

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	18	15.38	35.3	9	1.11	2.95	17.7	20.9	+0.25	5.62	15.6	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF		BB	BD	N-W	U					
0.625		4.28		2.021	12.5	11		5/8-11	0.25	14	5.88	2.375				

PERFORMANCE DATA

Three Phase – 60Hz - 208-230/460V – 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%
60	1780	364TC	G	94.0	94.4	94.2	0.900	0.879	0.822	177.03	246	200
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
67.1	380.7	6314	6314	F	TEFC	1.15	888					



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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: H1860C		FRAME: 364TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6314				OPP/END BRG: 6314			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 888LBS	
USABLE ON 208V 60HZ AT: 148.4 MAX. AMPS						SER:	
60 HERTZ DATA	HP: 60 RPM: 1780			HP: 60 RPM: 1470			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 134.2/67.1			F. L. AMPS: 164.8/82.4			
	S.F. AMPS: 154.2/77.1			S.F. AMPS: 164.8/82.4			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 94.0%			NEMA NOM. EFF: 92.4%			
	NOM. P. F.: 0.900			NOM. P. F.: 0.898			
	NEMA MIN. EFF.: 92.4%			NEMA MIN. EFF.: 91%			
	MAX. KVAR: 15.2			MAX. KVAR: 11.6			

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



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