

SD3660

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

Energy Efficient – Three Phase – TEFC - AC Motor



DIMENSIONS – INCHES

A	B	C	D	E	2F1	2F2	G	H	J	O
18	15.38	33.2	9	7	11.25	12.25	1.11	0.66	2.95	18.4
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
17.7	1.591	0.5	2.5	1.875	2.03	3	15.6	5.88	3.75	F1

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	3555	364TS	G	93.2	93.5	93.1	0.91	0.909	0.861	88.64	248	187
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
66.5	380.7	6314	6314	F	TEFC	1.15	866					



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: H3660		FRAME: 364TS		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6314				OPP/END BRG: 6314			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 866LBS	
USABLE ON 208V 60HZ AT: 147.1 MAX. AMPS						SER:	
60 HERTZ DATA	HP: 60 RPM: 3555			HP: 60 RPM: 2955			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 133.0/66.5			F. L. AMPS: 163.6/81.8			
	S.F. AMPS: 146.6/73.3			S.F. AMPS: 163.6/81.8			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 93.2%			NEMA NOM. EFF: 91.7%			
	NOM. P. F.: 0.91			NOM. P. F.: 0.911			
	NEMA MIN. EFF.: 91.7%			NEMA MIN. EFF.: 90.2%			
	MAX. KVAR: 12.4			MAX. KVAR: 10.5			

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

