

# SD1260C

## 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	20	17.1	40.0	10	1.18	3.15	19.2	23.11	+0.25	7.00	18.5	3
KEY			KEYSET R		FLANGE					SHAFT EXTENSION						
WIDTH		LENGTH		AK	AJ	BF		BB	BD	N-W	U					
0.750		5.65		2.45	12.5	11	5/8-11		0.25	15.5	7.25	2.875				

### 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	1185	404TC	G	93.8	94.5	94.3	0.884	0.865	0.802	265.92	245	210
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
68.3	421.5	6316	6314	F	TEFC	1.15	1204					



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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: H1260C		FRAME: 404TC		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6316				OPP/END BRG: 6314			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 1204LBS	
USABLE ON 208V 60HZ AT: 151.0 MAX. AMPS						SER:	
60 HERTZ DATA	HP: 60 RPM: 1185			HP: 60 RPM: 985			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 136.6/68.3			F. L. AMPS: 165.6/82.8			
	S.F. AMPS: 158.8/79.4			S.F. AMPS: 165.6/82.8			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 93.8%			NEMA NOM. EFF: 92.4%			
	NOM. P. F.: 0.884			NOM. P. F.: 0.894			
	NEMA MIN. EFF.: 92.4%			NEMA MIN. EFF.: 91.0%			
	MAX. KVAR: 16.1			MAX. KVAR: 10.6			

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



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