

SD1275

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
20	17.1	40.0	10	8	12.25	13.75	1.18	0.81	3.15	20.2
P	R	S	T	U	ES	AA	AB	BA	N-W	Mount
19.2	2.45	0.75	2.91	2.875	5.65	3	18.5	6.62	7.25	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%
75	1185	405T	G	94.1	95.1	94.9	0.886	0.871	0.813	332.41	253	200
Amps (460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
83.2	497.3	6316	6314	F	TEFC	1.15	1279					





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: H1275		FRAME: 405T		ENCL: TEFC		PHASE: 3	
SHAFT END BRG: 6316				OPP/END BRG: 6314			
MAX. AMB: 40° C		INS CLASS: F		RATING: CONT.		MOTOR WEIGHT: 1279LBS	
USABLE ON 208V 60HZ AT: 184.0 MAX. AMPS						SER:	
60 HERTZ DATA	HP: 75 RPM: 1185			HP: 75 RPM: 985			50 HERTZ DATA
	VOLTAGE: 230/460V			VOLTAGE: 190/380V			
	F. L. AMPS: 166.4/83.2			F. L. AMPS: 202.4/101.2			
	S.F. AMPS: 193.2/96.6			S.F. AMPS: 202.4/101.2			
	S.F. 1.15	DESIGN: B	CODE: G	S.F. 1.0	DESIGN:	CODE: H	
	NEMA NOM. EFF: 94.1%			NEMA NOM. EFF: 92.4%			
	NOM. P. F.: 0.886			NOM. P. F.: 0.894			
	NEMA MIN. EFF.: 92.4%			NEMA MIN. EFF.: 91.0%			
	MAX. KVAR: 17.6			MAX. KVAR: 12.3			

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



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