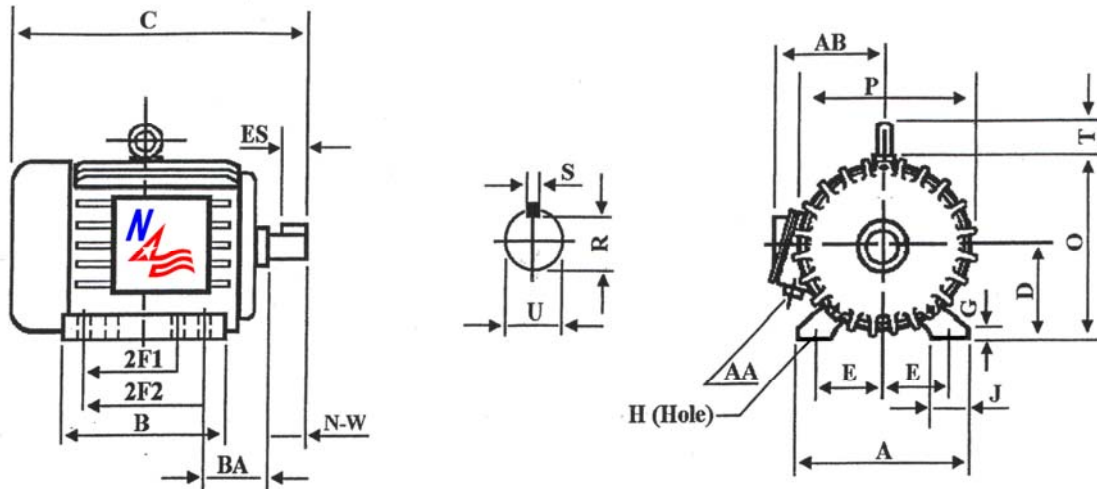


## SD3675

### 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%
75	3555	365TS	G	93.2	93.9	93.5	0.91	0.914	0.87	110.80	257	185
Amps ( 460V)		DE Bearing	ODE Bearing	Insulation Class	Enclosure Type	Service Factor	Weight (lbs)					
FLA	LRA											
82.5	462.5	6314	6314	F	TEFC	1.15	919					



**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)**

<b>CAT. NO: H3675</b>		<b>FRAME: 365TS</b>		<b>ENCL: TEFC</b>		<b>PHASE: 3</b>	
<b>SHAFT END BRG: 6314</b>				<b>OPP/END BRG: 6314</b>			
<b>MAX. AMB: 40° C</b>		<b>INS CLASS: F</b>		<b>RATING: CONT.</b>		<b>MOTOR WEIGHT: 919LBS</b>	
<b>USABLE ON 208V 60HZ AT: 182.5 MAX. AMPS</b>						<b>SER:</b>	
<b>60 HERTZ DATA</b>	<b>HP: 75 RPM: 3555</b>			<b>HP: 75 RPM: 2955</b>			<b>50 HERTZ DATA</b>
	<b>VOLTAGE: 230/460V</b>			<b>VOLTAGE: 190/380V</b>			
	<b>F. L. AMPS: 165.0/82.5</b>			<b>F. L. AMPS: 197.8/98.9</b>			
	<b>S.F. AMPS: 190.6/95.3</b>			<b>S.F. AMPS: 197.8/98.9</b>			
	<b>S.F. 1.15</b>	<b>DESIGN: B</b>	<b>CODE: G</b>	<b>S.F. 1.0</b>	<b>DESIGN:</b>	<b>CODE: H</b>	
	<b>NEMA NOM. EFF: 93.2%</b>			<b>NEMA NOM. EFF: 92.4%</b>			
	<b>NOM. P. F.: 0.91</b>			<b>NOM. P. F.: 0.914</b>			
	<b>NEMA MIN. EFF.: 91.7%</b>			<b>NEMA MIN. EFF.: 91.0%</b>			
	<b>MAX. KVAR: 13.7</b>			<b>MAX. KVAR: 12.1</b>			

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

