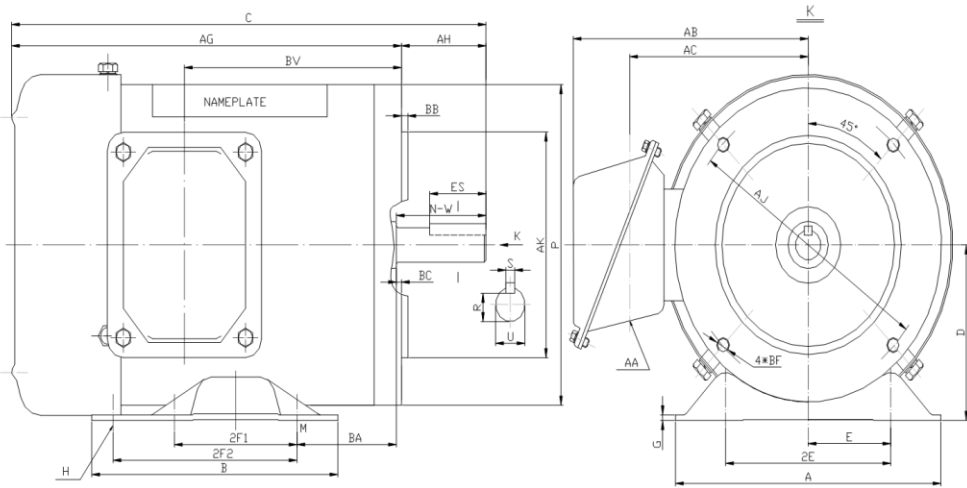


**SS143TC3/4M-6**

WASHDOWN DUTY MOTOR  
 HIGH EFFICIENCY / EISA COMPLIANT  
 STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET  
 TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION  
 INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31



**DIMENSIONS**

HP	RPM	Frame	Mounting														
			A	B	C	D	G	H	E	2E	2F1	2F2	P	AK	AJ	AH	
3/4	1200	143TC	6.50	6.50	13.81	3.50	0.12	0.35	2.75	5.50	4.00	5.00	6.50	4.500	5.875	2.12	

Mounting					Shaft Extension, Key Set					Conduit Box				Bearings		Mount
AG	BA	BB	BC	BF	U	R	S	ES	N-W	AA	AB	AC	BV	DE	ODE	
11.69	2.75	0.16	0.12	4*3/8-16	0.875	0.771	0.188	1.41	2.25	0.86	5.75	4.25	7.50	6205-2RS	6205-2RS	F1

**BEARING LUBRICATION:** The bearings come lubricated with Mobil Polyrex EM Polyurea Grease.





## SS143TC3/4M-6

**WASHDOWN DUTY MOTOR**  
**HIGH EFFICIENCY / EISA COMPLIANT**  
**STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET**  
**TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION**  
**INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**

### PERFORMANCE DATA

HP	RPM	Frame	Voltage	Frequency (Hz)	Full Load S.F.	Insulation Class	NEMA Design	Slip (%)	NEMA Code	Enclosure Type	IP Rating	Max. Ambient
3/4	1155	143TC	208-230/460	60	1.15	F	B	3.8	K	TEFC	66	40° C

Amps (460V)		Efficiency (%)				Power Factor			Torque (ft-lb)			DE Bearing	ODE Bearing	Connection	Weight (lbs.)
FLA	LRA	100%	75%	50%	Min.	100%	75%	50%	FLT	LRT %	BDT %	6205-2RS	6205-2RS	9 Lead 2Y/Y	35
1.9	12.5	80.0	76.0	71.0	77.0	0.65	0.58	0.50	3.3	255	280				

### NAME PLATE

		<b>WASHDOWN DUTY STAINLESS STEEL MOTOR</b>				<b>HIGH EFFICIENCY EISA COMPLIANT</b>		<b>CONNECTION DIAGRAMS</b>		
<b>INVERTER DUTY 20:1 VT; 10:1 CT</b>										
CAT NO: SS143TC3/4M-6		FRAME 143TC		PHASE 3				<b>208-230V</b> 		
HZ 60	S.F. 1.15	HZ 50	S.F. 1.2	ENCL TEFC	IP 66					
HP 3/4	RPM 1155	HP 1/2	RPM 955	DUTY CONT	DES B					
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F					
FLA 3.8 - 3.7 / 1.85	FLA 2.8/1.4		DE BEARING 6205-2RS							
CODE K	P.F. 0.65	CODE K	P.F. 0.67	ODE BEARING 6205-2RS						
EFF 80.0	MIN 77.0	EFF 77	MIN 74	LUB: Mobil Polyrex EM						
MOTOR WEIGHT 35 LBS		CONNECTION 9 Lead 2Y/Y		SER NO				<b>460V</b> 		
Special purpose motor designed for washdown applications and extremely corrosive environments. Hernando, Mississippi								CC 082A		

### APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.