



SS56C3/4M-4

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	1745	56C	208-230/460	60	1.15	F	B	3.1	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 %				
1.1	12.5	82.5	77.0	72.0	80.0	0.78	0.64	0.56	2.2	285	300	6205-2RS	6205-2RS	9 Lead 2Y/Y	33

NAME PLATE

		WASHDOWN DUTY STAINLESS STEEL MOTOR									
INVERTER DUTY 20:1 VT; 10:1 CT				HIGH EFFICIENCY EISA COMPLIANT				CONNECTION DIAGRAMS			
CAT NO: SS56C3/4M-4		FRAME 56C		PHASE 3							
HZ 60	S.F. 1.15	HZ 50	S.F. 1.2	ENCL TEFC	IP 66						
HP 3/4	RPM 1745	HP 1/2	RPM 1450	DUTY CONT	DES B						
VOLTS 208-230/460		VOLTS 190/380		AMB 40° C	INS F						
FLA 2.3 - 2.2 / 1.1	FLA 1.8/0.9		DE BEARING 6205-2RS								
CODE K	P.F. 0.78	CODE K	P.F. 0.80	ODE BEARING 6205-2RS							
EFF 82.5	MIN 80.0	EFF 80	MIN 77	LUB: Mobil Polyrex EM							
MOTOR WEIGHT 33 LBS	CONNECTION 9 Lead 2Y/Y		SER NO								
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.