



**Model FDR0002C-C-01**  
**MFG PN: SLF56H1Z2L**

ELECTRICAL DATA		
Rated Motor Output Power	1	HP
	-	kW
Rated Motor Speed	3460	r/min 60Hz
	-	r/min 50Hz
Rated Motor Voltage (+/-10%)	115/208-230	V/60Hz
	-	V/50Hz
Rated Motor Current	9.6/5.3-4.8	A (I <sub>n</sub> ) @ 60Hz
	-	A (I <sub>n</sub> ) @ 50Hz
Phase	1	∅
Locked Rotor Current @ High Voltage	-	A (I <sub>n</sub> ) @ 60Hz
FI Current @ 208V	5.3	A (I <sub>n</sub> ) @ 60Hz
Service Factor	1.15	@ 60Hz
	-	@ 50Hz
KVA Code	J	60Hz
	-	50Hz
Nominal Efficiency	74	% @ 60Hz
Nominal Power Factor	0.93	cosΦ @ 60Hz
Leads (Qty, Size)	7	-
Connection	-	-
Coil Resistance	-	Ω
Start Capacitor	400/165	μF/V
Run Capacitor	80/250	μF/V
VFD DUTY (S.F. 1.0)		
Variable Torque	-	-
Constant Torque	-	-
FULL LOAD TEMPERATURE RISE		
Full Load Temperature Rise	57.4	°C @ 60Hz
	-	°C @ 50Hz

GENERAL DATA		
Frame Size	56HC	
Enclosure	TEFC	
Mounting	Rigid/C-Flange	
Approximate Weight (lbs.)	35 lbs.	
Casing Material / Fan Cover	Rolled Steel	Steel
Shaft Material	1045	
NEMA Design	L	
Degree of Protection (IP)	54	
Insulation Class / Temp Rise (60Hz)	F	B
Tropicalization	NO	
Duty	Cont. / S1	
Conduit Box Location	0.88"	
Feet Removable / Double Drilled	NO	YES
Paintwork	7024	
	Graphite Gray	
MECHANICAL DATA		
Bearing DE Side	6204-2RS	
Bearing ODE Side	6203-2RS	
Grease Type	Mobil Polyrex EM	
Compensation Ring (wavy washer)	NDE	
Moment of Inertia (lb-ft <sup>2</sup> )	-	
Sound Pressure @ 3 FT dBA	-	
SITE CONDITIONS		
Ambient Temperature (°C)	40	
Meters Above Sea Level (MASL)	1000	
HAZARDOUS LOCATIONS		
CSA Certified	-	
Temperature Code	-	-

**Questions? Call 1.888.286.1820**