



LEESON Electric Corporation

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Item # 098000.00, DC NEMA SCR Rated 90 & 180 Volt Motors

List Price \$743.00

1/2HP.1750RPM.NSS56C.TEFC.90V.CONT.40C.1.0SF.RIGID C.DC NEMA.C42D17FK1C

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Specifications

Motor Type	DF
Horsepower	1/2 hp
RPM	1750 RPM
Armature Voltage	90 V
Voltage	90 V
Current	5.00 A
Efficiency	81.4
Mount Type	Rigid C
Enclosure Type	TEFC
Frame Type	NSS56C
Insulation Type	F3
Temperature	40 °C
Shaft Diameter	5/8 in
C Dimension	11.81 in
Material	Rolled Steel
Weight	25 lb
Service Factor	1.0
Duty	CONT
Protector	Not
Shaft Length	1.875 in
Rotation	Reconn

Features / Advantages / Benefits

- Brush holder design provides easy access to brushes
- Large oversized brushes assure long brush life
- Removable bolt-on base
- Capable of dynamic braking
- High starting torque
- Permanently lubricated sealed bearings
- LEESON SCR controls available to power motors
- Higher HP and speed achievable using PWM type DC controls
- UL and CSA listed
- 10:1 constant torque operation

Application and Uses

- DC motors are typically used in applications requiring motor speed adjustment, constant torque through the speed range and reversing capabilities. Applications would include: pumps, conveyors, turntables, textile machinery, treadmills, reeling equipment, sports equipment and medical equipment

Application

General Purpose