



LEESON MODEL NUMBERS

EXAMPLE:

Position No.	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Sample Model No.	A	B	4	C	17	D	B	1	A	(A-Z)

Position 1: U.L. Prefix

- A— Auto protector. U.L. recognized for locked rotor plus run, also recognized construction (U.L. 1004)*.
- M— Manual protector. U.L. recognized for locked rotor plus run, also recognized construction (U.L. 1004)*.
- L— Locked rotor protector (automatic). U.L. recognized for locked rotor only, also recognized construction (U.L. 1004)*.
- C— Component recognition. (U.L. 1004) No protector.
- U— Auto protector. Not U.L. recognized.
- P— Manual protector. Not U.L. recognized.
- T— Thermostat, not U.L. recognized.
- N— No overload protection.

*This applies only to 48, S56, and 56 frame designs through 1 HP, Open & TENV.

Position 2: (Optional)

- This position is not always used.
- M— Sub-Fractional HP Motors.
- Z— BISSC Approved.
- Other— Customer Code

Position 3: Frame

4 - 48 Frame	23 - 23 Frame	40 - 40 Frame
6 - 56 Frame	30 - 30 Frame	43 - 43 Frame
42 - 42 Frame	34 - 34 Frame	44 - 44 Frame
143 - 143T Frame	36 - 36 Frame	53 - 53 Frame
145 - 145T Frame	38 - 38 Frame	65 - 65 Frame
182 - 182T Frame	39 - 39 Frame	
184 - 184T Frame		
213 - 213T Frame		
215 - 215T Frame		

Position 4: Motor Type

- | | |
|------------------------|--------------------|
| C— Cap. Start/Ind. Run | T—Three Phase |
| D— Direct Current | B—Brushless DC |
| K— Cap. Start/Cap. Run | H—Hysteresis Sync. |
| P— Permanent Split | R—Reluctance Sync. |
| S— Split Phase | |

Position 5: RPM

RPM-Single Speed	RPM-Multi-Speed
34 - 3450 RPM 60 Hz 2 Pole	24 - 2 and 4 Poles
28 - 2850 RPM 50 Hz 2 Pole	26 - 2 and 6 Poles
17 - 1725 RPM 60 Hz 4 Pole	82 - 2 and 8 Poles
14 - 1425 RPM 50 Hz 4 Pole	212 - 2 and 12 Poles
11 - 1140 RPM 60 Hz 6 Pole	46 - 4 and 6 Poles
9 - 950 RPM 50 Hz 6 Pole	48 - 4 and 8 Poles
8 - 960 RPM 60 Hz 8 Pole	410 - 4 and 10 Poles
7 - 720 RPM 50 Hz 8 Pole	412 - 4 and 12 Poles
7 - 795 RPM 60 Hz 10 Pole	68 - 6 and 8 Poles
6 - 580 RPM 50 Hz 10 Pole	
6 - 580 RPM 60 Hz 12 Pole	

Odd frequencies other than 50 Hz show synchronous speed code.

DC and special motors may have one, two, or three digits indicating motor speed rounded to the nearest hundred RPM.

Position 6: Enclosure

- D— Drip-Proof
- E— Explosion-Proof TENV
- F— Fan Cooled
- N— TENV
- O— Open
- S— Splashproof
- W— Weatherproof, Severe Duty, Chemical Duty, WASHGUARD™ - TEFC
- X— Explosion-Proof TEFC
- V— Weatherproof, Severe Duty, Chemical Duty, WASHGUARD™ - TENV

Position 7: Mounting

- B— Rigid base standard
- C— "C" face - no base - NEMA
- D— "D" flange - no base - NEMA
- H— 48 frame - 56 frame mounting/shaft rigid
- J— 48 frame - 56 frame mounting/shaft resilient
- K— Rigid mount with "C" flange
- L— Rigid mount with "D" flange
- M— Motor parts - rotor and stator
- R— Resilient base
- S— Shell motor
- T— Torpedo (face-less/base-less)
- Z— Special mounting

Position 8: Sequence Number

Number assigned as required when new designs with new characteristics are needed.

Position 9: Modification Letter

Major modification letter. Used when revisions made in existing model *will* affect service parts.

Position 10: (Optional)

A date code consisting of either A-Z, and two digits 00-99.

Position 11: (Optional)

Letter when shown on nameplate indicates model has U.L. primary single phasing recognition. (Applies to 3 phase motors only.)

Position 12: (Optional)

The letter "B" indicates the motor is manufactured at the Black River Falls, Wisconsin plant.