

Bearing heaters

Induction bearing heaters and accessories



Proper bearing installation is essential to safeguard maximum bearing life. Bearing failures can be attributed to improper installation and mounting errors. A bearing that is a few thousandths of an inch out of alignment can have its lifespan cut in half. By heating the inner race to ~250°F prior to installation, the bearing can expand and slide easily onto the shaft. Magnetic induction is a safe and efficient method of generating heat to expand bearings for installation. No open flame or hot oil to worry about. Magnetic induction heats bearings evenly and quicker than hot plates.

Induction Bearing Heaters on this page are single phase 60 hz units. 50 hz versions available as special request.



*Cross bars not included

1 Proven tools

Tried and true models that are simple, durable and get the job done.

2 Easy to use

SC, BC and BCS models come with a simple On/Off while SC110D features a digital time/temperature display and magnetic probe.

3 Relevant accessories

Available raising blocks and cross bars for a bit of extra height.

4 Demagnetizes bearings

To demagnetize bearings simply remove crossbar, turn heater on and pass bearing between the two columns without making contact.



Induction bearing heater SC110V (120V or 220V)

- Bearing capacity: 4" x 11" O.D. (14"OD with optional raising blocks)
- Standard cross bars: 3/4, 2

	Voltage	Optional Cross Bars	Approx. Weight
SC 110V	120V (17 amp)	1 1/4	49.60 lbs
SC 220V	240V (11 amp)	1 1/4	52.00 lbs

Induction bearing heater BC (240V, 480V, or 600V)

- Bearing capacity: 7 1/2" x 22" O.D. (32"OD with optional raising blocks).
- Standard cross bars: 1 1/4, 3

	Voltage	Optional Cross Bars	Approx. Weight
BC 220V	240V (30 amp)	1, 2	176.00 lbs
BC 440V	480V (20 amp)	3/4, 1, 2	176.00 lbs
BC 550V	600V (15 amp)	3/4, 1, 2	176.00 lbs

Model BC Special (240V, 480V, or 600V)

- Bearing capacity: 11 1/2" x 22" O.D. (32"OD with optional raising blocks).
- Standard cross bars: 1 1/4, 3

	Voltage	Optional Cross Bars	Approx. Weight
BCS 220	240V (30 amp)	1, 2	199.00 lbs
BCS 440	480V (20 amp)	1, 2	199.00 lbs
BCS 550	600V (15 amp)	1, 2	199.00 lbs

Raising blocks for models: SC, BC, BCS

Increase maximum size of bearing that can be heated.



	Fits model	Height	Width	Approx. Weight
SCRB	SC	2 3/8"	2 5/8"	7.50 lbs.
BCRB	BC, BCS	5"	3 5/8"	31.00 lbs.

Cross bars for models: SC, BC, BCS



	Fits model #		Fits model #		Fits model #
SC 3/4	SC	BC 3/4⁽¹⁾⁽²⁾	BC	BCS 1⁽¹⁾	BC Special
SC 1 1/4⁽¹⁾	SC	BC 1⁽¹⁾	BC	BCS 1 1/4	BC Special
SC 2	SC	BC 1 1/4	BC	BCS 2⁽¹⁾	BC Special
		BC 2⁽¹⁾	BC	BCS 3	BC Special
		BC 3	BC		

⁽¹⁾ Special order only. ⁽²⁾ WARNING: Do NOT use with model BC 220V