

Induction bearing heaters



SC, BC series heaters & accessories

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

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

1 Proven Tools

Tried & true models are simple, durable and get the job done!

2 Easy to Use

SC, BC and BCS models include On/Off switch; SC110D features a digital time/temperature display and magnetic probe.

3 Relevant Accessories

120 V/15A, 60/60 Hz units have optional raising block, cross bars and a pyrometer/thermometer to make jobs easier.



*Cross bars not included

Induction bearing heater SC110V (120V or 220V)

Bearing capacity: 4" x 11" O.D. (14"OD with optional raising blocks).

	Voltage	Standard Cross Bars	Optional Cross Bars	Approx. Weight
SC 110V	120V (17 amp)	¾, 2	1 ¼	49.60 lbs
SC 220V	240V (11 amp)	¾, 2	1 ¼	52.00 lbs



SC 110V Bearings not included



Accessories not included

Digital Temperature Control, induction bearing heater SC 110D (120V or 220V)

Bearing capacity: 4" x 11" O.D. (14"OD with optional raising blocks). Computer chip monitors and stabilizes temperature. Display panel (pre-set times, temperatures) and auto shut off.

	Voltage	Standard Cross Bars	Optional Cross Bars	Approx. Weight
SC 110D	120V (20 amp)	¾, 2	1 ¼	53.50 lbs



SC 110D Bearings not included



Bearings not included

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

Bearing capacity: 7 1/2" x 22" O.D. (32"OD with optional raising blocks).

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



BC 220V Bearings not included

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

Bearing capacity: 11 1/2" x 22" O.D. (32"OD with optional raising blocks).

	Voltage	Standard Cross Bars	Optional Cross Bars	Approx. Weight
BCS 220	240V (30 amp)	1 1/4, 3	1, 2	199.00 lbs
BCS 440	480V (20 amp)	1 1/4, 3	1, 2	199.00 lbs
BCS 550	600V (15 amp)	1 1/4, 3	1, 2	199.00 lbs



BCS 550V Bearings not included

Raising blocks for SC, BC, BCS models

Increases the maximum size of bearing that can be heated.

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



Pyrometer/Thermometer

Multi-purpose measuring device for bearings, gears, etc. Digital readout from -200°C (-328°F) to +1372°C (+1999°F). Probe max rated for 650°C (1200°F).

		Approx. Weight
HH11C	Pyrometer/Thermometer with probe & flex cord	2.00



Cross bars for SC, BC, BCS bearing heater models

	Fits model #		Fits model #
SC 3/4	SC	BCS 1⁽¹⁾	BC Special
SC 1 1/4⁽¹⁾	SC	BCS 1 1/4	BC Special
SC 2	SC	BCS 2⁽¹⁾	BC Special
BC 3/4⁽¹⁾⁽²⁾	BC	BCS 3	BC Special
BC 1⁽¹⁾	BC	SC on/off	On/Off switch for SC
BC 1 1/4	BC	BC on/off	On/Off switch for BC
BC 2⁽¹⁾	BC		
BC 3	BC		

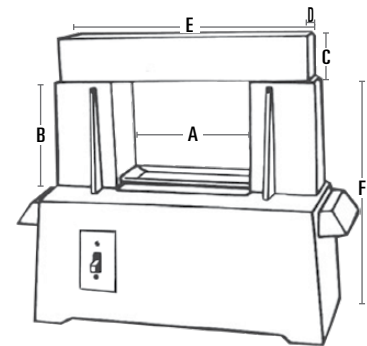


⁽¹⁾ Special order only. ⁽²⁾ WARNING: Do NOT use with model BC 220V



Model BCS

*Accessories not included



	A	B	C	D	E	F
SC	4 3/4"	3 3/8"	3/4" - 2"	3/4"	9 1/4"	9"
BC	8"	7"	1 1/4" - 3"	1 1/4"	14 3/4"	16"
BCS	12 1/4"	7"	1 1/4" - 3"	1 1/4"	18 3/4"	16"