

Induction bearing heaters

On/off configuration



Proper bearing installation is essential to maximum bearing life. By heating prior to installation, the bearing expands and slides easily onto the shaft. Magnetic induction is a safe, efficient method that heats bearings evenly and quickly.

1 Improve productivity

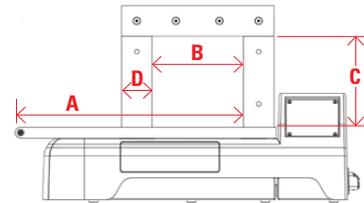
BESSEY® Induction bearing heaters help extend the useful life of bearings. Reducing the frequency of bearing maintenance means lower operating costs.

2 Vertical or Horizontal heating

EBH series heats vertically or horizontally. Horizontal position heating time is generally 3 to 4 times faster.



EBH203



Note: This series is available while quantities last. Check for availability. Comparable units available on this page (EBH Series) and prior page (SBH Series).

Portable on/off temperature control, certified EBH2412

This lightweight portable bearing heater can move to the work piece, decreasing the possibility of damaging the work piece while moving throughout your facility. Cross bars, heat resistant gloves, Vaseline and manual are all conveniently stored within the carrying case. An easy to use on/off switch make this bearing heater simple to operate. Comes with 5 cross bars: 1/4", 3/8", 1/2", 3/4", 1 1/8".

	Volt / Amps	Max. weight ± lb bearings	Min. ID	Max. OD	Max. width	Max. horizontal heating width	Cross section poles	Approx. weight without cross bars
				A	B	C	D	
EBH2412	120/20	44 lbs	3/8"	9 1/2"	5 1/8"	—	1 5/8"	47 lbs



*Bearings not included

Please read manual carefully before use. Recommend maximum bearing heat of 150° C (300° F) and cycle times of ≤ 1.5 hours.

EBH series

These models have a modern simple, easy-to-use on/off switch. This simplifies the heating process. Recommended use with a method to measure surface temperatures of the work piece.

	Volt / Amps	Max. weight ± lb bearings	Min. ID	Max. OD	Max. width	Max. horizontal heating width	Cross section poles	Approx. weight without cross bars
				A	B	C	D	
EBH201-120	120/13	110 lbs	1 1/2"	15 3/4"	4 3/4"	5 1/8"	1 1/16" x 2"	46.3 lbs
EBH201-240	240/13	110 lbs	1 1/2"	15 3/4"	4 3/4"	5 1/8"	1 1/16" x 2"	46.3 lbs
EBH203	240/16	330 lbs	3 1/4" / 4 3/8"	23 5/8"	8 1/4"	7 7/8"	2 3/4" x 3"	114.60 lbs

*Number of cross bars and sizes:

EBH201-120 = 2 cross bars: 1 3/16" x 1 3/16" x 7 7/8", 1 1/16" x 1 1/16" x 7 7/8"

EBH201-240 = 2 cross bars: 1 3/16" x 1 3/16" x 7 7/8", 1 1/16" x 1 1/16" x 7 7/8"

EBH203 = 1 cross bar: 2 3/4" x 3 1/8" x 14"



EBH303

Please read manual carefully before use. Recommend maximum bearing heat of 240° C (564° F) and cycle times of ≤ 30 minutes.

*Bearings not included

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

Induction bearing heater SC, BC, BCS

	Voltage	Bearing Capacity DD	Standard Cross Bars	Optional Cross Bars	Approx. Weight
SC 110V	120V (17 amp)	4" x 11"	3/4, 2	1 1/4	49.60 lbs
SC 220V	240V (11 amp)	4" x 11"	3/4, 2	1 1/4	52.00 lbs
BC 220V	240V (30 amp)	7 1/2" x 22"	1 1/4, 3	1, 2	176.00 lbs
BC 440V	480V (20 amp)	7 1/2" x 22"	1 1/4, 3	3/4, 1, 2	176.00 lbs
BC 550V	600V (15 amp)	7 1/2" x 22"	1 1/4, 3	3/4, 1, 2	176.00 lbs
BCS 220	240V (30 amp)	11 1/2" x 22"	1 1/4, 3	1, 2	199.00 lbs
BCS 440	480V (20 amp)	11 1/2" x 22"	1 1/4, 3	1, 2	199.00 lbs
BCS 550	600V (15 amp)	11 1/2" x 22"	1 1/4, 3	1, 2	199.00 lbs



Note: Available while quantities last. Check for availability.

*Cross bars 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 5/8"	7.50 lbs
BCRB	BC, BCS	5"	3 5/8"	31.00 lbs



Note: Available while quantities last. Check for availability.

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		

Note: Available while quantities last. Check for availability.



Cross bars for bearing heater models SBH, SVH, EBH, PV and PVH*

	Fits model	Size	Approx. Weight
BH3814	EBH203	3/8" x 3/8" x 14"	0.59 lbs
BH11414	EBH203	1 1/4" x 1 1/4" x 14"	7.94 lbs
BH234214	EBH203	2 3/4" x 3 1/8" x 14"	32.58 lbs
PV 1/4	EBH2412 / EBH201	1/4" x 1/4" x 7 7/8"	0.15 lbs
PV 3/8	EBH2412 / EBH201	3/8" x 3/8" x 7 7/8"	0.31 lbs
PV 1/2	EBH2412 / EBH201	1/2" x 1/2" x 7 7/8"	0.64 lbs
PV 13/16	EBH2412 / EBH201	13/16" x 13/16" x 7 7/8"	1.32 lbs
PV 1	EBH2412 / EBH201	1 1/16" x 1 1/16" x 7 7/8"	5.22 lbs

* Prior model



WARNING:

Do NOT operate an induction heater if you wear a heart pace-maker. The strong magnetic field emitted by the heater may affect operation of such devices.