

INDUCTION BEARING HEATERS

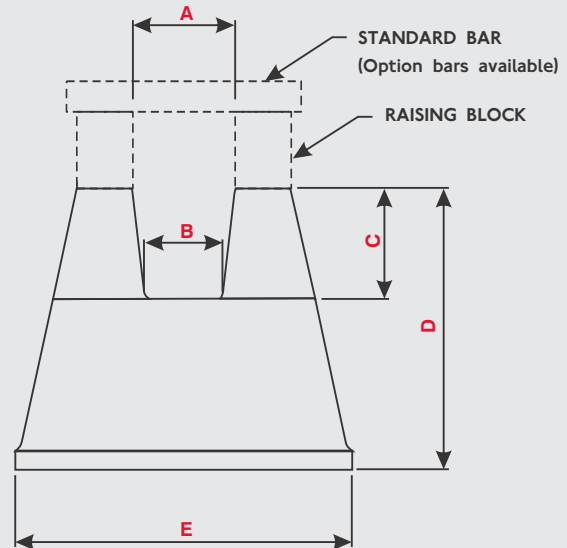
Overview

FEATURES & DIMENSIONS

FEATURES:

- **Fast, Uniform Heating**
Induction heating reduces mounting time and cost.
- **No Oil Tanks Required**
Since no oil is necessary, there can be no spills or other mess and bearings remain clean.
- **Safe Operation**
Since there are no flames, there are no fire hazards and an internal circuit breaker guards against an electrical short.
- **Compact and Light**
Most bearing heaters are light enough to be carried easily and used any place (with trolleys on Models 030, 040 & 050)
- **Automatic Temperature Control**
A thermostatic control can be set at any temperature up to 130°C and a constant temperature is maintained.
- **Automatic Demagnetizing**
When the heating is finished, the bearing is quickly and automatically demagnetized.

- **Electronic Control**
Soft start and current limiter.
- **Versatility**
Besides bearings, other metallic rings such as inner ring spacers can also be heated for shrink fitting or for other purposes.



Dimensions	Model 020	Model 030	Model 040	Model 050
A - Distance between supports (top)	105mm	185mm	210mm	285mm
B - Distance between supports (bottom)	95mm	135mm	200mm	215mm
C - Height of supports	110mm	170mm	180mm	240mm
D - Total heights	275mm	330mm	340mm	445mm
E - Width	330mm	480mm	520mm	680mm
Weight of heater	29kg	56kg	27kg	104kg
Weight of trolley	N/A	23kg	8kg	35kg

MODEL 020 (SMALL HEATER)

- Operating Voltage** - 220 Volts
Frequency - 50Hz
Power consumption - 10 Amps max
Bearing Bore Size - 25mm upwards

STANDARD BAR SIZES

- Dimensions**
 - (1) 15 x 15 x 230mm
 - (2) 40 x 40 x 230mm
 - (3) 57 x 57 x 230mm

- Min bearing ID**
 22mm
 58mm
 82mm

OPTION BAR SIZES

- Dimensions**
 - (1) 25 x 25 x 230mm
 - (2) 35 x 35 x 230mm
 - (3) 42 x 42 x 230mm

- Min bearing ID**
 37mm
 51mm
 60mm

- Raising Blocks** - (1) 55 x 55 x 75mm high
(Optional)



MODEL 030 (MEDIUM HEATER)

- Operating Voltage** - 220 Volts
- Frequency** - 50Hz
- Power consumption** - 20 Amps max
- Bearing Bore Size** - 60mm upwards

STANDARD BAR SIZES

Dimensions

- (1) 42 x 42 x 340mm
- (2) 70 x 70 x 340mm

Min bearing ID

- 60mm
- 100mm

OPTION BAR SIZES

Dimensions

- (1) 15 x 15 x 340mm
- (2) 17 x 17 x 340mm
- (3) 20 x 20 x 340mm
- (4) 30 x 30 x 340mm

Min bearing ID

- 22mm
- 25mm
- 30mm
- 44mm

- Raising Blocks (Optional)** - (1) 70 x 70 x 115mm high



MODEL 040 (MEDIUM / LARGE HEATER)

- Operating Voltage** - 220 Volts
- Frequency** - 50/60Hz
- Power consumption** - 20 Amps max
- Bearing Bore Size** - 28mm upwards

STANDARD BAR SIZES

Dimensions

- (1) 36 x 36 x 380mm
- (2) 60 x 60 x 380mm

Min bearing ID

- 50mm
- 100mm

OPTION BAR SIZES

Dimensions

- (1) 25 x 25 x 380mm

Min bearing ID

- 28mm

- Raising Blocks (Optional)** - (1) 60 x 60 x 60mm high



MODEL 050 (LARGE HEATER)

- Operating Voltage** - 380 Volts
- Frequency** - 50Hz
- Power consumption** - 30 Amps max
- Bearing Bore Size** - 80mm upwards

STANDARD BAR SIZES

Dimensions

- (1) 56 x 56 x 480mm
- (2) 90 x 90 x 480mm

Min bearing ID

- 80mm
- 130mm

OPTION BAR SIZES

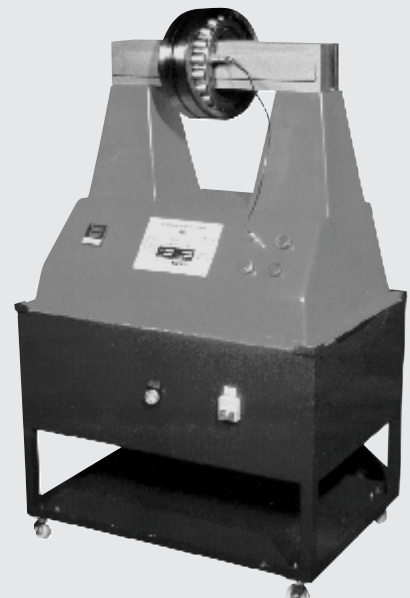
Dimensions

- (1) 35 x 35 x 480mm
- (2) 70 x 70 x 480mm

Min bearing ID

- 51mm
- 100mm

- Raising Blocks (Optional)** - (1) 90 x 90 x 150mm high



24 HR TOLL-FREE EMERGENCY
BRANCH HELPLINE:

0800 022 224

WEBSITE:

www.bmgworld.net



An Invicta Holdings Group Company

BEARINGS • SEALS • POWER TRANSMISSION • DRIVES & MOTORS
MATERIALS HANDLING • FASTENERS & TOOLS • HYDRAULICS
PNEUMATICS • FILTRATION • LUBRICATION • VALVES
TECHNICAL RESOURCES • FIELD SERVICES

