

Mounting Of
BEARINGS By

PRECISION

INDUCTION HEATER

Series PIH

PRECISION
INSTRUMENTS & ALLIEDS



Fast, Safe & Economical Heating Of Bearings

PRECISION INDUCTION HEATER - SERIES PIH

Available In 4 Models

PIH - 2001 Power 3.5/4.0 KVA, Controls Micro-Controller Based

PIH - 2002 Power 6.0/8.0 KVA, Controls Micro-Controller Based

PIH - 2003 Power 11/12 KVA, Controls Micro-Controller Based

PIH - 2004 Power 25.0 KVA, Controls Micro-Controller Based

PIH - 2001**PIH - 2001****PIH - 2002****PIH - 2003**

TECHNICAL DATA SHEET

| PRODUCT DATA | PIH - 2001 | PIH - 2002 | PIH - 2003 | PIH - 2004 |
|--------------------------------------|-----------------|----------------|-----------------|-----------------|
| 1) Power | 3.5/4.0 KVA | 6.0/8.0 KVA | 11.0/12.0 KVA | 25.0 KVA |
| 2) Voltage | 1Ø x 230 V | 2Ø x 440 V | 2Ø x 440 V | 2Ø x 440 V |
| 3) Current (Max) | 15/18AMP | 18/20A | 28/30A | 57A |
| 4) Power Control | 25%50%75%&100% | 25%50%75%&100% | 25%50%75%&100% | 25%50%75%&100% |
| 5) Temperature Control (Range) | 0-250°C | 0-250°C | 0-250°C | 0-250°C |
| Maximum Temperature | 250°C | 400°C | 400°C | 400°C |
| Accuracy Temperature | ± 3°C | ± 3°C | ± 3°C | ± 3°C |
| 6) Time - Control | 0-90 Minutes | 0-90 Minutes | 0-90 Minutes | 0-90 Minutes |
| 7) Residual Magnetism | <1a / cm | <1a / cm | <1a / cm | <1a / cm |
| 8) Overall dimensions (wxdxh) (mm) | 300 x 270 x 265 | 430 x300 x290 | 590 x 330 x 370 | 750 x 400 x 670 |
| 9) Space between supports (wxh) (mm) | 130 x 120 | 190 x 140 | 310 x 185 | 340 x 360 |
| 10) Weight (Main Unit) | 25Kg. | 44Kg. | 86Kg. | 300Kg.(Apx.) |
| 11) Weight with Standard Yokes | 30Kg. | 60Kg. | 110Kg. | 345Kg. |
| 12) Horizontal Yoke Sizes (mm) | 20 x 20 x 250 | 65 x 65 x 340 | 80 x 80 x 490 | 105 x 105 x 590 |
| | 30 x 30 x 250 | ----- | ----- | ----- |
| | 45 x 45 x 250 | ----- | ----- | ----- |
| 13) Special Hand Gloves | ✓ | ✓ | ✓ | ✓ |

Optional Accessories.

| | | | | |
|----------------------------------|---------------|---------------|---------------|---------------|
| 1) Horizontal Yoke Size (mm) | 10 x 10 x 250 | 20 x 20 x 340 | 30 x 30 x 490 | 40 x 40 x 590 |
| | 14 x 14 x 250 | 30 x 30 x 340 | 40 x 40 x 490 | 55 x 55 x 590 |
| | 40 x 40 x 250 | 40 x 40 x 340 | 65 x 65 x 490 | 65 x 65 x 490 |
| | 55 x 55 x 250 | 50 x 50 x 340 | 70 x 70 x 490 | 80 x 80 x 590 |
| 2) Digital Thermometer (0-500 C) | ✓ | ✓ | ✓ | ✓ |
| 3) Roll-Sliding Model | ---- | ✓ | ✓ | ✓ |
| 4) Swing Arm Model | ✓ | ✓ | ---- | ---- |
| 5) Riser Block (Pair) (mm) | ✓ | ✓ | ---- | ---- |
| 6) Magnetic Temperature Probe | ✓ | ✓ | ✓ | ✓ |
| 7) Sp. Insulated Yokes (>150 C) | ✓ | ✓ | ✓ | ✓ |
| 8) Equipment Trolley | ✓ | ✓ | ✓ | ✓ |

WE RESERVE THE RIGHT TO CHANGE THE SPECIFICATIONS WITHOUT PRIOR NOTICE

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