

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 18/25 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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