



Product Specifications

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Model SB1115 21" Variable-Speed Gearhead Drill Press

Product Dimensions

Weight..... 617 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 42 x 35 x 69 in.
Footprint (Length x Width)..... 26 x 18-1/2 in.

Shipping Dimensions

Type..... Wood Crate
Content..... Machine
Weight..... 683 lbs.
Length x Width x Height..... 36 x 34 x 78 in.
Must Ship Upright..... Yes

Electrical

Power Requirement..... 220V, Single-Phase, 60 Hz
Full-Load Current Rating..... 5.5A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 84 in.
Power Cord Gauge..... 14 AWG
Plug Included..... Yes
Included Plug Type..... 6-15
Switch Type..... Control Panel w/Magnetic Switch
Inverter (VFD) Type..... KB-26D

Motors

Main

Horsepower..... 1-1/2 HP
Phase..... 3-Phase
Amps..... 5.5A
Speed..... 1720 RPM
Type..... TEFC Induction
Power Transfer Gear Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

Operation Information

Type.....	Floor
Swing.....	20-3/4 in.
Spindle Taper.....	MT#3
Spindle Travel.....	5 in.
Max. Distance From Spindle to Column.....	10-7/16 in.
Max. Distance From Spindle to Table.....	17-3/8 in.
Range of Spindle Speeds.....	0 - 2500 RPM
Max. Head Tilt (Left/Right).....	90/30 deg.
Drilling Capacity (Mild Steel).....	1-9/16 in.
Drilling Capacity (Cast Iron).....	1-9/16 in.
End Milling Capacity.....	3/4 in.
Face Milling Capacity.....	3-15/16 in.
Drill Chuck Type.....	JT6 Key Chuck
Drill Chuck Size.....	1/64 - 5/8 in.

Spindle Information

Distance From Spindle to Base.....	35-3/4 in.
Quill Diameter.....	2.938 in.
Drawbar Thread Size.....	3/8"-16

Table Information

Table Swivel Around Column.....	360 deg.
Longitudinal Travel.....	14-1/2 in.
Cross Travel.....	7 in.
Table Length.....	19-1/2 in.
Table Width.....	21-3/4 in.
Table Thickness.....	2-1/4 in.
Vertical Table Travel.....	22-1/4 in.
Number of T-Slots.....	2
T-Slot Size.....	5/8 in.
T-Slot Centers.....	9 in.
Floor-To-Table Height.....	18-1/2 - 39-1/2 in.

Construction

Table.....	Cast Iron
Column.....	Cast Iron
Spindle Housing.....	Cast Iron
Head.....	Cast Iron
Base.....	Cast Iron
Paint Type/Finish.....	Enamel

Other Related Information

Base Length.....	26 in.
Base Width.....	18-1/2 in.
Column Diameter.....	4-1/2 in.
Quill Flange/Collar Diameter.....	3-3/4 in.

Other

Country of Origin	Taiwan
Warranty	2 Years
Approximate Assembly & Setup Time	1 Hour
Serial Number Location	ID Label
Sound Rating	82 - 84 dB
ISO 9001 Factory	Yes

Features

Variable Frequency Drive for 3-Phase Speed Control with Single-Phase Power
Manual Table Elevation
Coarse and Fine Downfeed Controls
Cast-Iron Base with Two 1/2" T-Slots, 8-7/8" on Center
360 Deg. Table Positioning Around Column
360 Deg. Head Positioning Around Column
Digital Speed Display
Front-Mounted E-Stop Button
Forward/Reverse Spindle Switch
Headstock Features 2.6 Qt. Capacity

Included Accessories

Socket Wrench 13/23mm
Hex Wrenches 3, 4, 5mm