

MACHINE SPECIFICATIONS



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MODEL W1669 1/2 HP 34" BENCH-TOP RADIAL DRILL PRESS

Product Dimensions

Weight..... 91 lbs.
Width (side-to-side) x Depth (front-to-back) x Height..... 12 x 33-1/2 x 31-1/2 in.
Footprint (Length x Width)..... 13-1/2 x 8-1/2 in.

Shipping Dimensions

Type..... Cardboard Box
Content..... Machine
Weight..... 98 lbs.
Length x Width x Height..... 36 x 18 x 13 in.

Electrical

Power Requirement..... 120V, Single-Phase, 60 Hz
Prewired Voltage..... 120V
Full-Load Current Rating..... 4.7A
Minimum Circuit Size..... 15A
Connection Type..... Cord & Plug
Power Cord Included..... Yes
Power Cord Length..... 7 ft.
Power Cord Gauge..... 18 AWG
Plug Included..... Yes
Included Plug Type..... 5-15
Switch Type..... Toggle Safety Switch w/Removable Key

Motors

Main

Horsepower..... 1/2 HP
Phase..... Single-Phase
Amps..... 4.7A
Speed..... 1725 RPM
Type..... TEFC Capacitor-Start Induction
Power Transfer V-Belt Drive
Bearings..... Shielded & Permanently Lubricated

Main Specifications

Operation Information

| | |
|---|------------------|
| Type..... | Radial |
| Swing..... | 34 in. |
| Spindle Taper..... | JT#33 |
| Spindle Travel..... | 3-1/4 in. |
| Max. Distance From Spindle to Column..... | 5-1/2 - 17 in. |
| Max. Distance From Spindle to Table..... | 11-1/2 in. |
| Number of Spindle Speeds..... | 5 |
| Range of Spindle Speeds..... | 550 - 3000 RPM |
| Max. Head Tilt (Left/Right)..... | 90 / 45 deg. |
| Max. Head Swivel..... | 360 deg. |
| Drilling Capacity (Mild Steel)..... | 1/2 in. in Steel |
| Drill Chuck Type..... | JT33 Key Chuck |
| Drill Chuck Size..... | 1/16 - 5/8 in. |

Spindle Information

| | |
|------------------------------------|------------|
| Distance From Spindle to Base..... | 17-1/2 in. |
| Quill Diameter..... | 1.575 in. |

Table Information

| | |
|-----------------------------------|------------------------|
| Max. Table Tilt (Left/Right)..... | 90 deg. |
| Table Swing..... | 360 deg. |
| Table Swivel Around Center..... | 360 deg. |
| Table Swivel Around Column..... | 360 deg. |
| Max. Movement of Work Table..... | 9-1/2 in. |
| Table Length..... | (Diameter) 9-3/4 in. |
| Table Width..... | (Diameter) 9-3/4 in. |
| Table Thickness..... | 1 in. |
| Vertical Table Travel..... | Crank Handle Operation |
| Number of T-Slots..... | 6 |
| T-Slot Size..... | 1/2 in. |
| T-Slot Centers..... | 2-3/4 in. |
| Floor-To-Table Height..... | 7-3/4 - 17-1/4 in. |

Construction

| | |
|------------------------|----------------------------|
| Table..... | Precision-Ground Cast Iron |
| Column..... | Steel |
| Spindle Housing..... | Cast Iron |
| Head..... | Cast Iron |
| Base..... | Cast Iron |
| Paint Type/Finish..... | Enamel |

Other Related Information

| | |
|----------------------|---------------------------------|
| Base Length..... | 13-1/2 in. |
| Base Width..... | 8-1/2 in. |
| Column Diameter..... | 2.360 in. |
| Depth Stop Type..... | Threaded Rod with Positive Stop |
| Has Work Light..... | No |

Other

Country of Origin China
Warranty 2 Years
Approximate Assembly & Setup Time 30 Minutes
Serial Number Location ID Label on Head
ISO 9001 Factory Yes
Certified by a Nationally Recognized Testing Laboratory (NRTL) Yes

Features

Threaded Depth Stop
Crank Handle Operated Rack and Pinion Vertical Table Movement
Table Has Lock Levers
Table and Base are Cast Iron
Radial Design Allows Angle Drilling
5 Speeds
1/2HP Motor
Cushioned Grip Quill Handles
1/16" - 5/8" Drill Chuck