Rotary Hammers

Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>DH 28PEC</th>
<th>DH 28PMY2</th>
<th>DH 28PCY2/28PB2Y2</th>
<th>DH 28PC2/28PB2</th>
<th>DH 28PB2/28PB2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cap.</td>
<td>Concrete</td>
<td>28mm</td>
<td>28mm</td>
<td>28mm</td>
<td>28mm</td>
</tr>
<tr>
<td></td>
<td>Steel</td>
<td>13mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wood</td>
<td>32mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Power Input</td>
<td>550W</td>
<td>550W</td>
<td>550W</td>
<td>550W</td>
<td>550W</td>
</tr>
<tr>
<td>Bit Shank</td>
<td>(305mm)</td>
<td>(305mm)</td>
<td>(305mm)</td>
<td>(305mm)</td>
<td>(305mm)</td>
</tr>
<tr>
<td>Full Load Speed</td>
<td>0 - 1,100/min</td>
<td>0 - 1,100/min</td>
<td>0 - 1,100/min</td>
<td>0 - 1,100/min</td>
<td>0 - 1,100/min</td>
</tr>
<tr>
<td>Weight</td>
<td>3.8kg</td>
<td>3.1kg</td>
<td>3.9kg</td>
<td>3.9kg</td>
<td>3.9kg</td>
</tr>
</tbody>
</table>

Fast & Smooth Drilling

Highest Drilling Speed in its class**
Lowest Vibration in its class** & Compact Body
Built-in Auto Stop Function**

Koki Holdings Co., Ltd.
Fast & Smooth Drilling

**Highest Drilling Speed in its Class**

Provided by stable rotation and hammering with constant speed control.†

*Drilling Speed Comparison*

<table>
<thead>
<tr>
<th>Model</th>
<th>Speed (rpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH 28PEC</td>
<td>105</td>
</tr>
<tr>
<td>DH 28PCY</td>
<td>100</td>
</tr>
<tr>
<td>DH 28PCY/28BY/28MY2</td>
<td>100</td>
</tr>
</tbody>
</table>

Operating condition: Mean values for drilling into concrete in the downward direction with 8-mm bit between 1m and 2m in diameter.

Approx. **5%** Higher Drilling Speed

**Lowest Vibration in its Class**

DH 28PEC: Vibration to the handle from the mounted bit is reduced using dampers and a spring that absorbs the shock due to hammering.

DH 28PCY2/DH 28BY2/DH 28MY2: A dynamic damper containing a leaf spring and a weight absorbs vibration by resonating with the tool body.

**Vibration Value Comparison (Approx.)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Value (m/s²)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DH 28PEC</td>
<td>73</td>
</tr>
<tr>
<td>DH 28PCY2/28BY/28MY2</td>
<td>76</td>
</tr>
<tr>
<td>DH 28PCY/28BY/28MY2</td>
<td>73</td>
</tr>
<tr>
<td>DH 28PCY/28BY/28MY2</td>
<td>78</td>
</tr>
</tbody>
</table>

Approx. **27%** Reduced Vibration for the user, using a dynamic damper

Approx. **24%** Reduced Vibration in the worst case without UVP

**Compact Body**

The shortened overall length results in better handling. Shorter than the existing 24mm rotary hammer.†

- **7mm**: Shorter overall length (approx. 1/4"")
- **12mm**: Shorter overall length (6"")
- **18mm**: Shorter overall length (8"")

**New Features for DH 28PEC**

- Built-in Auto Stop Function
  - Effective when drilling continuously. Once one drill operation is stored on the tool, the motor automatically stops as the stored time passes.

**HiKOKI Original Brushless Motor Technology**

- No wearing parts (carbon brushes, commutator, rotor coil)
- HiKOKI original compact controller

**Features for Better Operation**

- 2-step Rotation Speed
  - When the tool is suddenly overburdened during operation, the dh clutch relay and the safety controller stops the motor output before the motor becomes overloaded.

- Against sudden overburdening

- Reactive Force Control
  - When the tool is suddenly overburdened during operation, the dh clutch relay and the safety controller stops the motor output before the motor becomes overloaded.

**Improved Quick Release Chuck for DH 28MY2**

- Easy to fit: Designed holsters and holder mount

**New Construction for Motor Protection**

Labyrinth Ventilation Windows

- Double ventilation windows [Hiki] in labyrinth construction does not harm to the motor by reducing the ingress of dust and debris into the tool.

**Easy to Insert a Bit**

One-push Bit Mounting

**Features for DH 28PCY2**

- DH 28PCY2 (Full-point sold separately)

**Features for DH 28BY2/DH 28MY2**

- DH 28BY2/DH 28MY2 (Drill bit and dust collector sold separately)