

Hitachi Impact Drills with AHB

DV20VD
Concrete
20mm

NEW



AHB
ALUMINIUM HOUSING BODY



DV22V
Concrete
22mm

NEW



AHB
ALUMINIUM HOUSING BODY



Specifications

Model		DV20VD	DV22V
Drill Chuck		13mm keyed	13mm keyless
	Concrete	High: 13mm Low: 20mm	High: 13mm Low: 22mm
Capacity	Steel	High: 8mm Low: 13mm	High: 8mm Low: 16mm
	Wood	High: 25mm Low: 40mm	High: 25mm Low: 40mm
Input Power		860W	1,120W
No Load Speed		High: 0 - 3,000/min Low: 0 - 1,100/min	
Full Load Impact Rate		High: 22,000/min Low: 8,100/min	
Overall Length		365mm	363mm
Weight*		3.0kg	
Standard Accessories		Chuck key (DV20VD only), side handle, depth gauge, stackable carry case. Drill bit not included	

* Weight: According to EPTA-Procedure 01/2003.

Other Hitachi Impact Drills*



DV13VSS(HA)
13mm Impact
Drill, 550W



DV16V
16mm Impact
Drill, 590W



DV20VB2(H8)
20mm Impact
Drill, 730W



DV16VSS(HA)
16mm Impact
Drill, 600W



DV18V
18mm Impact
Drill, 690W



VTV16
35mm Impact
Drill, 800W

Optional accessories



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Hitachi Koki Co., Ltd.

HITACHI
Inspire the Next

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E&O.E. 01/09/2015

Hitachi Impact Drill
20mm DV20VD
22mm DV22V

NEW



HITACHI
Inspire the Next

Robust and
Highly Durable



AHB
ALUMINIUM HOUSING BODY

Overload
durability
Approx.
1.5x*
for DV20VD

Overload
durability
Approx.
1.7x*
for DV22V

Built-in Carbon Brush
Rotation System



Concrete
20mm
DV20VD

Concrete
22mm
DV22V



*In comparison with model DV20VB2.



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POWER • STRENGTH • ABILITY

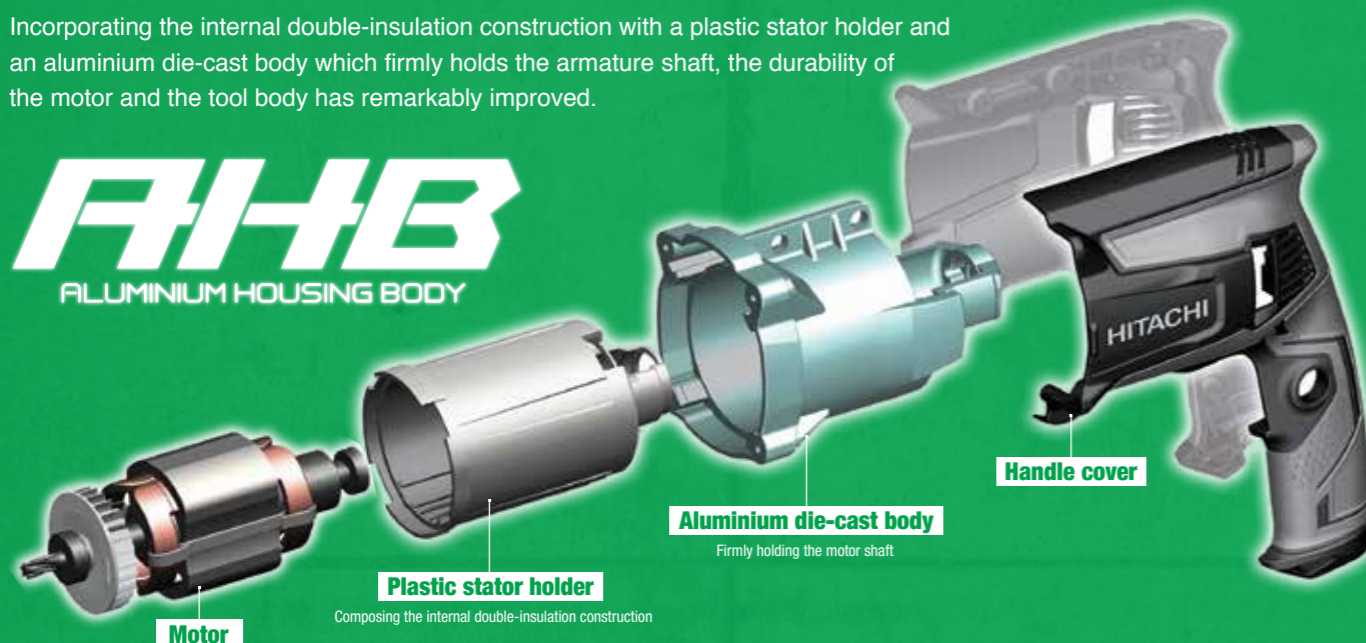
Robust and Highly Durable

Aluminium Housing Body

1 The internal double-insulation construction with an aluminium die-cast body

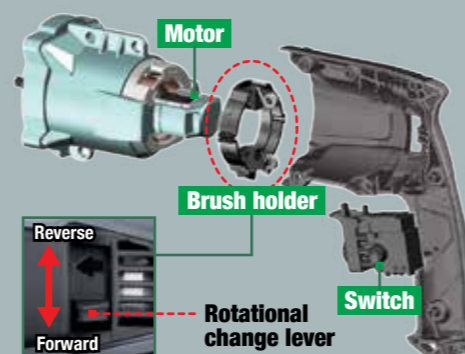
Incorporating the internal double-insulation construction with a plastic stator holder and an aluminium die-cast body which firmly holds the armature shaft, the durability of the motor and the tool body has remarkably improved.

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ALUMINIUM HOUSING BODY



2 Carbon brush rotation system extends carbon brush lifetime

The position of the carbon brushes on the brush holder is shifted according to the rotation direction. This reduces commutation sparks that cause brushes to wear out, resulting in approximately twice the lifetime of carbon brushes compared to DV20VB2.



3 Powerful motor provides improved overload durability

Overload durability — Comparisons of the torques when the motor burns out, based on the durability index of an alternative model taken as 100. (The values are for reference purposes. They vary according to conditions of operation.)



Hitachi Impact Drill DV20VD / DV22V

NEW



Stackable carry case

NEW



Max drilling capacity (Low speed)

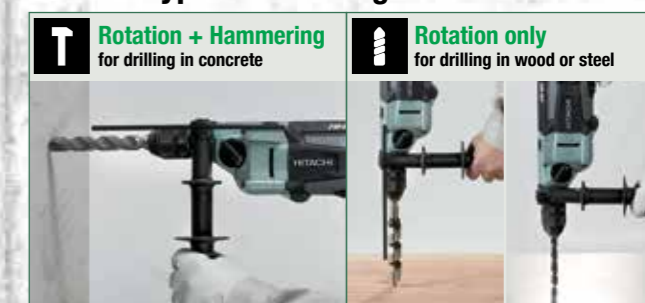
Material	DV20VD	DV22V
Concrete	20mm	22mm
Steel	13mm	16mm
Wood	40mm	40mm

4 Slip clutch*

causes the gears between the motor and drill bit to slip when an excessive load is suddenly applied, resulting in reduced reaction force.

*DV22V only

5 Slide-type mode change lever



6 High/low gear shift dial

Speed	No load speed	No load impact rate
Low Speed	Low 0 - 1,100 /min	Low 0 - 14,300 /min
High Speed	High 0 - 3,000 /min	High 0 - 39,000 /min

7 Double-molded side handle

Soft and easy to grip for comfortable operation.

8 Soft grip handle

for more comfort and control.

9 Stackable carry case

for easy storage and transport.

10 Deadman switch*

Non-lockable for added user safety.

*DV22V only