

**DOOSAN**

Construction Equipment

# Doosan Hydraulic Breaker **HB series**

Powered by **Innovation**

**DOOSAN**

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual Doosan equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of Doosan units may show other than standard equipment.





# HB series

## Doosan Hydraulic Breaker

Doosan proudly presents new HB-series hydraulic breakers in European market.

With high-performance and simplified design optimized for Doosan excavators, excellent quality covered by industry-leading 2 year warranty, and reasonable price,

HB-series exceed what customers expect from a hydraulic breaker.

Satisfaction guaranteed.



- ✓ High Performance
- ✓ Simple Structure
- ✓ Easy Maintenance
- ✓ Reasonable Price

\* Above image may differ from actual product.



Doosan Hydraulic Breaker

# HB series

## 5 REASONS TO USE DOOSAN BREAKERS



### Performance

Doosan HB Breakers offer powerful performance and top notch productivity-whether you are demolishing concrete or breaking rocks.



### Engineering Approved

HB series are optimized for Doosan excavators, fully certified by Doosan engineering.



### One-Stop Service

Same as Doosan excavators, Doosan breakers will be covered by strong Doosan service network and Doosan product specialists, providing "One-stop service" experience.



### Warranty

Avoid compatibility and warranty coverage arguments from using Non-approved breaker. Doosan offers standard Warranty up to 2 Years.



### Price

Even with 2-year warranty, HB-series are offered at reasonable price, providing customer benefits in total cost of ownership.



## FEATURES & BENEFITS

### Through Bolt

Extended service life through adoption of advanced heat treatment process

### Back-head

The energy of piston stroke is accumulated by charged nitrogen gas

### Inward Valve System

Simple structure and less inner parts

### Front Head

Supports breaker and assemblies with bushing, which buffers shock from the tool

### Urethane Dampper

Vibration dampening prevents Carrier damage and improves operator comfort

### Cylinder

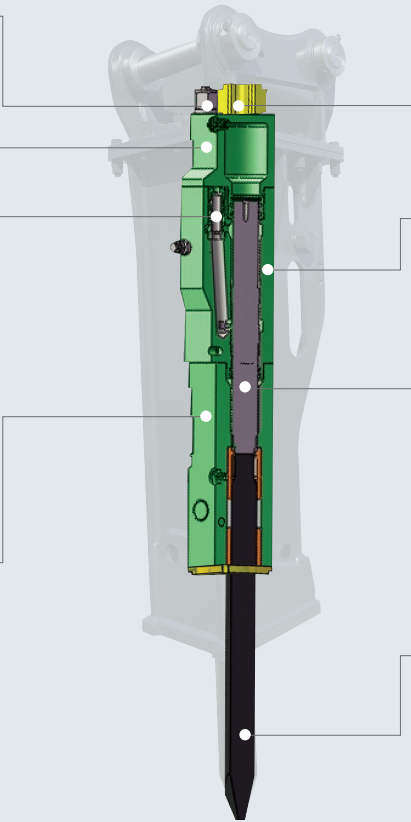
Unique heat treatment process ensures stable quality

### Piston

Quality and durability was drastically enhanced as result of quality proven material in terms of anti-wear, heat resistance, anti-impact, pressure resistance strength etc

### Chisel

Doosan genuine working tool ensures Doosan hyd. Breaker's performance and productivity



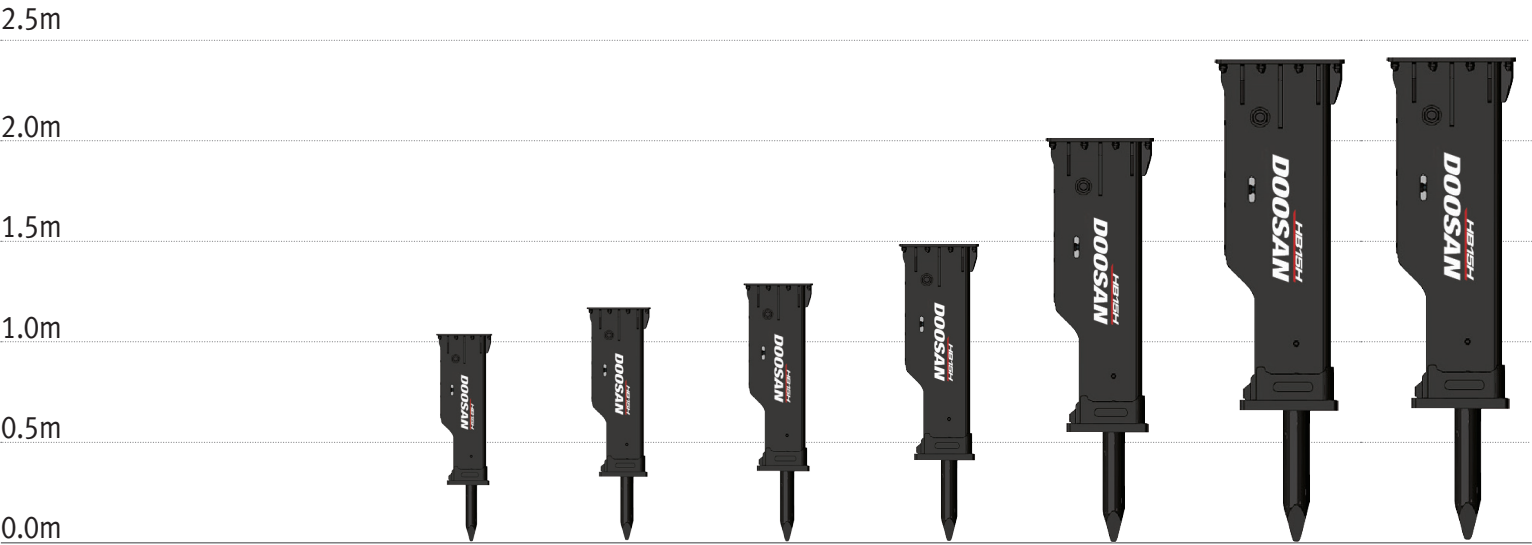
HB03 / HB04 / HB06 / HB08 / HB15 / HB22/ HB22FH





Doosan Hydraulic Breaker

# HB series



Item	Model	HB03	HB04	HB06	HB08	HB15	HB22	HB22FH
Total Weight	kg	100	150	300	390	900	1780	1780
Length	mm	1107	1210	1390	1491	2065	2472	2472
Width	mm	260	260	328	328	440	560	560
Height	mm	298	298	400	400	520	710	710
Operating Pressure	kg / cm <sup>2</sup>	90 - 120	90 - 120	110 - 140	120 - 150	150 - 170	160-180	160-180
	psi	1280 - 1700	1280 - 1700	1562 - 1988	1704 - 2130	2130 - 2414	2272-2556	2272-2556
	bar	88 -117	88 - 117	108 - 137	118 - 147	147 - 166	157-177	157-177
Hydraulic Flow Range	l / min	20 - 30	25 - 50	40 - 70	50 - 90	80 - 110	120-180	120-180
Impact Frequency	bpm	700 - 1200	600 - 1100	500 - 900	400 - 800	350 - 700	350-500	350-500
Diameter of Hose	mm	12.7	12.7	12.7	12.7	19.05	25.4	25.4
	inch	1 / 2	1 / 2	1 / 2	1 / 2	3 / 4	1	1
Diameter of Tool	mm	45	53	60	75 / 80	100	140	140
Weight of Tool	kg	8	9	18	26	57	135	135
Suitable Carrier	ton	1.2 - 3.0	2.5 - 4.5	4 - 7	6 -9	10 - 15	18-26	18-26
Impact Energy	J	240	320	630	1110	1720	3850	3850
Auto Greasing function		-	-	-	-	-	-	o
Protection against blank firing		-	-	-	-	-	-	o
Matching Doosan excavators		DX17Z	DX27Z	DX57W	DX85R	DX140LC	DX210LC-7	DX210LC-7
		DX19	DX35Z	DX62R DX63		DX140LCR DX140W DX160LC DX160W DX165W	DX225LC-7 DX235LC-7	DX225LC-7 DX235LC-7

## BRACKET TYPE

### HOUSING (LOW NOISE)

Recommended for professional contractors working in urban zones, where noise level must be controlled or where local regulation may require silenced breakers

- Low noise (120 dB)
- Less vibration due to urethane damper inside

## TOOL SELECTION

### USE THE RIGHT TOOL FOR THE RIGHT JOB

Breaker Tool (Chisel) is a wear part and tool consumption is the main causative for wear part costs. It is important to select an appropriate tool according to the nature of work and the characteristics of the object to break. Genuine Doosan tools are designed to best fit Doosan breakers.

#### MOIL POINT

- Demolition
- Hard Ground
- Hard Ground with Failures
- Concrete

#### PYRAMIDAL

- Trenching
- General Excavation
- Asphalt
- Soft Ground with Faults
- Concrete
- Reinforced Concrete

#### WEDGE

- Trenching
- General Excavation
- Soft Ground with Faults
- Concrete
- Reinforced Concrete

#### BLUNT

- Block Splitting
- Compact Abrasive
- Difficult to Position
- Concrete Slabon Demolition

## PARTS & WARRANTY

### GENUINE PARTS

Easy maintenance, less downtime!  
Minimizing downtime gives you the edge when it comes to productivity.

100%  
GENUINE  
PARTS  
Totally Doosan

# 2YEARS

## DOOSAN WARRANTY

Doosan offers you 2 Year Standard Warranty on all major components as standard for no extra cost. Warranty terms for wear parts vary between 6 to 12 months.