

# DEVELON



Hydraulic Breaker

# HB Series

# HB Series



\* Above image may differ from actual product.

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



## Develon Hydraulic Breaker

Develon proudly presents new HB-series hydraulic breakers in European market. With high-performance and simplified design optimized for Develon 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.

# Hydraulic Breakers – HB Series

## 5 REASONS TO USE DEVELON BREAKERS



### Performance

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



### Engineering Approved

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



### One-Stop Service

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



### Warranty

Offers industry leading 2 year warranty



### Price

HB-series are offered at reasonable price, providing customer benefits in total cost of ownership.



## FEATURES & BENEFITS

### Through Bolt

High quality and heat treated resulting in a prolonged service life

### Back-head

The energy of piston stroke is accumulated due to charged nitrogen gas

### Inward Valve System

Simple structure and less inner parts

### Cylinder

Manufactured using high grade steel, delivering longevity of breaker

### Front Head

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

### Urethane Damper

Vibration dampening prevents Carrier damage and improves operator comfort

### Auto-greaser\*

Quick, convenient and high efficiency

### Auto Blank Firing Function

Protects against blank firing from the first blow and significantly reduces blank blow induced failure

### Built-in Accumulator

Efficient shock absorption system which enhances equipment durability

### Piston

High quality and durable due to its anti-wear and heat resistant material

### Chisel

Fitted with Develon's 100% genuine working tool which delivers optimum performance and productivity

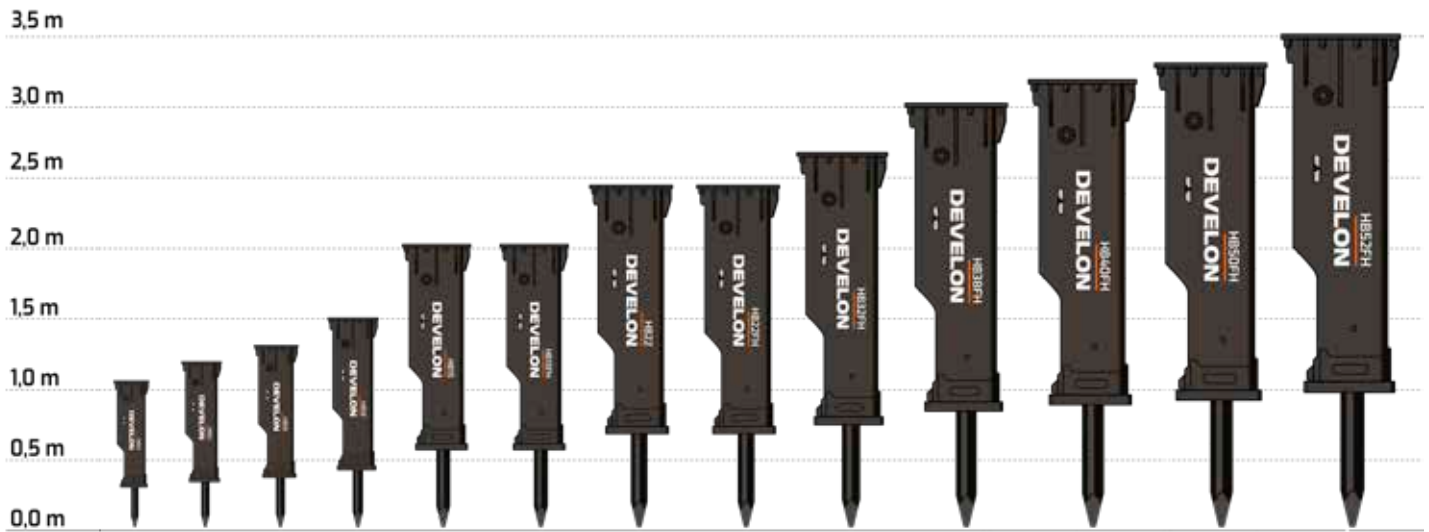
HB01 / HB03 /  
HB04 / HB06 /  
HB08 / HB15 /  
HB22

HB15FH /  
HB22FH / HB32FH /  
HB38FH / HB38WH /  
HB40FH / HB40WH /  
HB50FH / HB50WH /  
HB52FH / HB52WH

**Note:**\* Only for DEVELON FH/WH series



# Hydraulic Breakers - HB Series



Item	Model	HB01	HB03	HB04	HB06	HB08	HB15	HB15FH	HB22	HB22FH	HB32FH	HB38FH HB38WH	HB40FH HB40WH	HB50FH HB50WH	HB52FH HB52WH
Total Weight	kg	95	100	150	300	390	900	900	1780	1780	2660	3183	3789	4768	5334
Length	mm	1009	1107	1210	1390	1491	2065	2065	2472	2472	2762	3026	3233	3372	3518,6
Width	mm	260	260	260	328	328	440	440	560	560	640	654	670	750	800
Height	mm	298	298	298	400	400	520	520	710	710	766	790	860	940	990
Operating Pressure	kg / cm <sup>2</sup>	90 - 120	90 - 120	90 - 120	110 - 140	120 - 150	150 - 170	150 - 170	160 - 180	160 - 180	160 - 180	180 - 200	180 - 210	180 - 240	200 - 240
	psi	1280 - 1700	1280 - 1700	1280 - 1700	1562 - 1988	1704 - 2130	2130 - 2414	2130 - 2414	2272 - 2556	2272 - 2556	2272 - 2556	2556 - 2840	2558 - 2984	2558 - 3410	2842 - 3410
	bar	88 - 117	88 - 117	88 - 117	108 - 137	118 - 147	147 - 166	147 - 166	157 - 177	157 - 177	157 - 177	177 - 196	176 - 206	176 - 235	196 - 235
Hydraulic Flow Range	l / min	15 - 25	20 - 30	25 - 50	40 - 70	50 - 90	80 - 110	80 - 110	120 - 180	120 - 180	180 - 240	200 - 250	200 - 260	240 - 300	290 - 360
Impact Frequency	bpm	800 - 1400	700 - 1200	600 - 1100	500 - 900	400 - 800	350 - 700	350 - 700	350 - 500	350 - 500	300 - 450	250 - 380	200 - 350	180 - 250	150 - 200
Diameter of Hose	mm	12.7	12.7	12.7	12.7	12.7	19.05	19.05	25.4	25.4	31.75	31.75	31.75	31.75	31.75
	inch	1 / 2	1 / 2	1 / 2	1 / 2	1 / 2	3 / 4	3 / 4	1	1	1 - 1 / 4	1 - 1 / 4	1 - 1 / 4	1 - 1 / 4	1 - 1 / 4
Diameter of Tool	mm	40	45	53	60	75 / 80	100	100	140	140	155	165	175	185	195
Weight of Tool	kg	4	8	9	18	26	57	57	135	135	190	215	255	287	304
Suitable Carrier	ton	0.8 - 2.5	1.2 - 3.0	2.5 - 4.5	4 - 7	6 - 9	10 - 15	10 - 15	18 - 26	18 - 26	28 - 35	30 - 40	35 - 45	40 - 55	50 - 60
Impact Energy	J	170	240	320	630	1110	1720	1720	3850	3850	6500	11107	12736	18197	24060
Auto Greasing function		-	-	-	-	-	-	✓	-	✓	✓	✓	✓	✓	✓
Protection against blank firing		-	-	-	-	-	-	✓	-	✓	✓	✓	✓	✓	✓
Matching Develon excavators		DX10Z-7 DX17Z-7 DX19-7 DX19-7	DX17Z-7 DX19-7 DX27Z-7	DX27Z-7 DX35Z-7	DX50Z-7 DX55R-7 DX62R-7 DX63-7 DX57W-7	DX62R-7 DX63-7 DX85R-7	DX100W-7 DX140W-7 DX140LCR-7 DX140LC-7	DX100W-7 DX140W-7 DX140LCR-7 DX140LC-7	DX160W-7 DX165W-7 DX170W-7 DX190W-7 DX210W-7 DX210-7 DX210LC-7 DX210NLC-7 DX225LC-7X DX235LC-7 DX235LCR-7 DX245NHD-7 DX255LC-7	DX160W-7 DX165W-7 DX170W-7 DX190W-7 DX210W-7 DX210-7 DX210LC-7 DX210NLC-7 DX225LC-7X DX235LC-7 DX235LCR-7 DX245NHD-7 DX255LC-7	DX300LC-7	DX300LC-7 DX350LC-7	DX350LC-7 DX380LC-7 DX420LC-7	DX350LC-7 DX380LC-7 DX420LC-7 DX530LC-7	DX490LC-7 DX530LC-7

\* Automatic greasing system – No need for manual greasing of breakers as the automatic greasing system provides constant lubrication.

\* Protection against blank firing – Protects against blank firing from the first blow and significantly reduces blank blow induced failure.

\* FH: Excluding underwater KIT / WH: Including underwater KIT

## 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 Devolon tools are designed to best fit Devolon 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

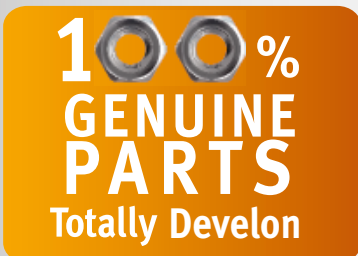
Models	Moil point	Pyramidal	Wedge		Blunt
			V type	H type	
HB01	850306-00257	850306-00254	850306-00255	850306-00256	850306-00258
HB03	850306-00118	850306-00119	-	850306-00121	850306-00120
HB04	850306-00122	850306-00123	-	850306-00125	850306-00124
HB06	850306-00126	850306-00127	-	850306-00129	850306-00128
HB08	850306-00130	850306-00131	-	850306-00133	850306-00132
HB15	850306-00134	850306-00135	850306-00259	850306-00137	850306-00136
HB15FH	850306-00134	850306-00135	850306-00259	850306-00137	850306-00136
HB22	850306-00142	850306-00143	850306-00237	850306-00145	850306-00144
HB22FH	850306-00142	850306-00143	850306-00237	850306-00145	850306-00144
HB32FH	850306-00150	850306-00151	850306-00238	850306-00153	850306-00152

HB38FH - HB52FH : TBD

## PARTS & WARRANTY

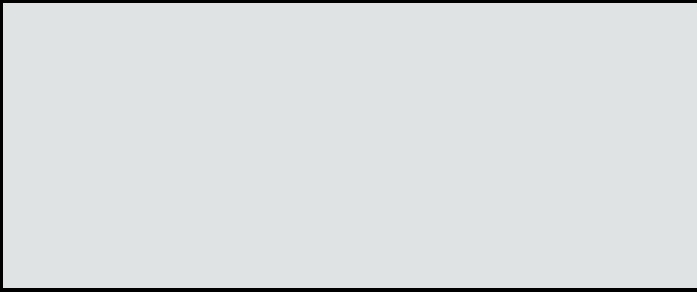
### GENUINE PARTS

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



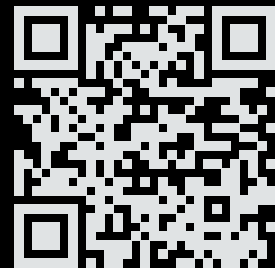
### Standard Warranty

HB01 - HB32FH: 2 years / HB38FH - HB52FH: 1 year  
Other wear parts (Material defect only) : 6 to 12 month



# Powered by **Innovation**

For more information, please contact your local  
Develon approved dealer or visit [eu.develon-ce.com](http://eu.develon-ce.com)



# DEVELON

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