

# HYDRAULIC BREAKERS

Doosan



## Highlights of Rock Breaker

### Excavator Protection

The suspensions (housing type) extend carrier boom life by absorbing harmful vibrations and stress waves transmitted to the carrier

### Blank Fire Protection

Hydraulic blank fire protection protects against blank firing from the first blow through a damping system

### High Performance

The perfect mastering of tolerances reduces internal leaks and increases the breaker's efficiency

### Parts Interchangeability

High manufacturing quality and the mastering of very tight tolerances guarantees the full parts interchangeability

## Specifications

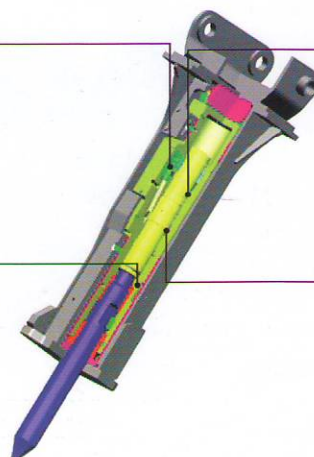
MODELS		UNIT	DSC 36	DXB 100	DXB 170	DXB 190	DXB 260
Carrier weight		Tons	4-10	10-20	18-28	20-30	20-30
Housing		kg	365	900	1620	1750	2450
Operating weight	Top mounting	kg	-	900	1680	1850	-
	Side mounting	kg	-	850	1550	1750	2500
Tool diameter		mm	76	106	137	142	156
Operating pressure		bar	125	170	180	180	180
Flow	Top mounting	l/min	55	80	100	120	150
	Side mounting	l/min	100	140	150	180	240
Frequency		blows/min	1550	800	600	600	600
Energy / Blow		J	600	2350	3400	4000	5000

### New valve system

The patented main valve controls the movements of the piston increases the overall performance and efficiency through the optimization of the strike power

### Energy recovery system

Increases the strike power using the energy generated by the piston rebound. This system allows an automatic increase of the breaker's frequency when used on hard materials



### High quality piston and cylinder

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### Advanced damping system

With blank fire protection, there is a dashpot or hydraulic cushion in the bottom of the cylinder bore that slows and stops the downward movement of the piston

