

SANDVIK

SANDVIK BR5011i HYDRAULIC BREAKER

TECHNICAL SPECIFICATION

Sandvik BR5011i hydraulic breaker has been designed using a revolutionary operating principle that incorporates stroke length, blow energy and Sandvik idle blow protection, allowing the breaker to be modified to match individual needs and improving hydraulic efficiency and safety. The BR5011i delivers massive impact energy and high blow frequency for an exceptional power-to-weight ratio.

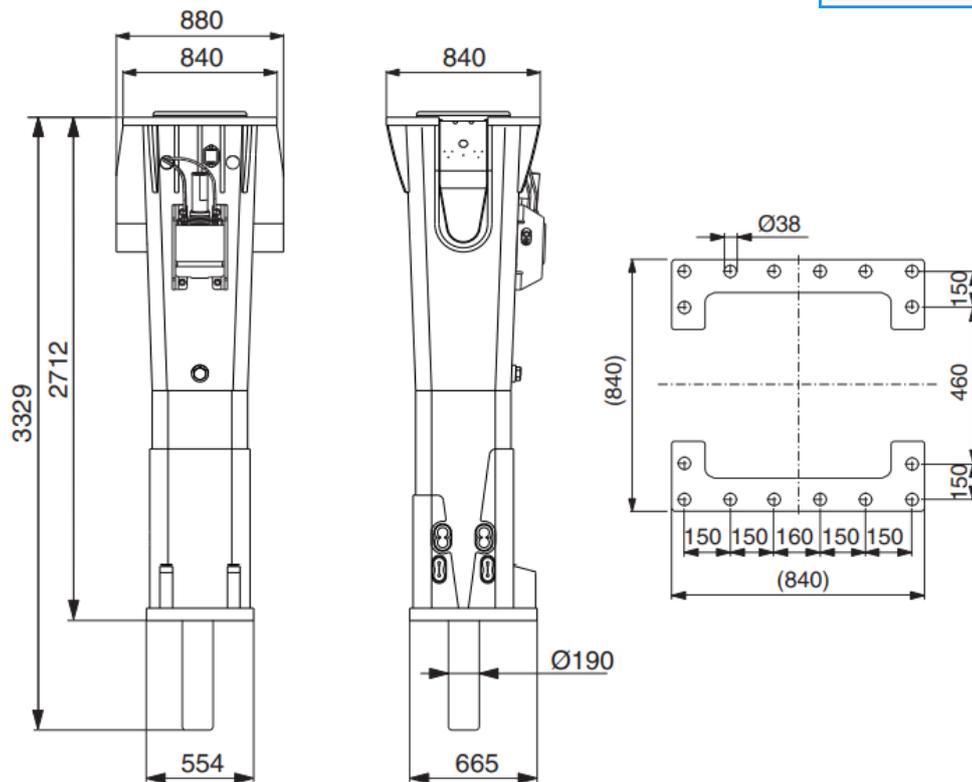
The BR5011i is designed for demanding applications such as trenching, concrete and stone demolition, low-clearance tunneling, underwater breaking and primary and secondary breaking of oversized boulders.

The optional heavy-duty housing enables the BR5011i to tackle the toughest of applications. The robust structure made from a wear-resistant steel plate has a minimum number of holes and includes heavy-duty wear plates for optimal vibration and noise dampening. Even in the harshest applications, the resulting longer housing lifetime reduces the total cost of ownership through less maintenance.

KEY FEATURES AND ADVANTAGES

- Indexable power cell (left or right handed)
- High pressure membrane accumulator
- Service access to high pressure membrane accumulator
- Vibration and sound suppressed
- Heavy Duty housing (round corners) and Super Duty housing (sharp corners)
- Stone claws on housing
- Optimized hydraulic connection points towards carrier
- FBE (Fixed Blow Energy) for optimum productivity
- RamValve to protect against premature failure
- IBP (Idle Blow Protection) adjustment in the field
- Stroke selector
- VIDAT (Vibration Dampened) tie rods for better reliability and longer working life
- Fast-change tool system
- Field replaceable lower tool bushing
- Ramlube I automatic tool greasing system carrier mounted (optional)
- Ramlube II automatic tool greasing system carrier mounted (optional)
- RD3 incl. MyFleet (as standard)
- Air connection
- Ramair (optional)





TECHNICAL SPECIFICATION BR5011i

Minimum working weight, flange mounted, kg (lb)	4750 (10470)
Impact rate, Long stroke bpm	370-530
Impact rate, Short stroke	450-620
Operating pressure, bar (psi)	160-170 (2320-2465)
Pressure relief, min bar (psi)	220 (3190)
Pressure relief, max bar (psi)	230 (3335)
Oil flow range, l/min (gal/min)	280-380 (74.0-100.4)
Back pressure, max bar (psi)	10 (145)
Input power, kW (hp)	108 (145)
Tool diameter, mm (in)	190 (7.48)
Carrier weight, allowed range t (lb)	43-80 (94800-176400)
Noise level, measured sound power level, LWA dB	122
Noise level, guaranteed sound power level, LWA dB	126

*Disclaimer: Please contact a Sandvik representative for clarification on specifications and options. Sandvik reserves the right to make changes to the information on this data sheet without prior notification to users.