



OKADA[®]
Demolition Attachments

ORV SERIES
HYDRAULIC BREAKERS



Oil and Gas Operation: ORV series breakers utilize a combination of oil pressure and flow from the carrier with gas pressure from the breaker, this operating principle has proven to be the most efficient working technology in the industry.

Main Valve:

The internal control valve system equates to faster speeds and higher impact energy while still allowing the breaker to operate at cooler temperatures

Durable breaker bracket;

includes heavy duty bottom plate protecting the powercell and reducing noise and vibration.

Accumulator:

Large capacity accumulator reduces shock load in the system.

Dual Chisel Retaining Pin:

Extends service life.

Auto-lube:

Central grease port with internal grease passage readily adapts hammer to most Auto Lube systems.



Original holding system;

Powercell is securely held inside the bracket with the head damper reducing recoil.

Larger N2 Gas Chamber:

Ensures high impact power.

Long Stroke Piston:

Increases impact power, and reduces vibration and recoil.

Stroke Adjuster:

Variable speed control in breaker maximizes productivity.

Heat-Treated Working Steel:

A special alloy production process extends chisel life.

SPECIFICATIONS		ORV12000	ORV15000	ORV17000	ORV22000
Impact Energy Class	ft-lbs	12000	15000	17000	22000
Operating Weight	US tons	5	6.3	7.7	11
	lbs	9900	12600	15400	22000
Tool Diameter	inches	7.1	7.9	8.1	9.5
Oil Flow	gpm	69 - 95	82 - 103	93 - 111	119 - 140
Frequency	L mode	bpm	270 - 380	280 - 355	250 - 300
	S mode	bpm	380 - 530	380 - 480	320 - 520
Pipe Inner Diameter	inches	1 - 1/4	1 - 1/4	1 - 1/4	1 - 1/4
Operating Pressure	psi	2175 - 2755	2300 - 2700	2900 - 3190	2300 - 2700
Circuit Relief Pressure	psi	3045 - 3335	3600	3900	3600
Back Cap N2 Pressure	psi	174 - 203	200 - 230	200 - 217	130 - 160
Accumulator N2	psi	780 - 850	780 - 850	780 - 850	780 - 850
Carrier Machine Weight	US tons	50 - 88	64 - 110	66 - 110	94 - 154
	lbs	100000-176000	128000-220000	132000-221000	187000-309000

Specifications are subject to change without prior notice



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