



ORV SERIES

ORV SERIES HYDRAULIC BREAKERS

ORV Series hydraulic breakers are the result of decades of field experience and OKADA's long-standing record of leadership in the industry.

Thirteen models of ORV hydraulic breakers provide a broad range of solutions for your skid steer loaders, compact excavators, tractor loader backhoes and excavators.



	MODELS	250LT	250H	405H	550H	800SH	1100H	1500HX
INFORMATION								
Carrier Class	1000 lb	2.2 - 5	2.2 - 5	3.3 - 8.8	6.6 - 14.2	10 - 18	10 - 18	13 - 22
	m ton	1 - 2.3	1 - 2.3	1.5 - 4	3 - 6.4	4.5 - 8	4.5 - 8	6 - 10
Impact Energy Class	ft lb	225	225	375	550	850	1100	1500
	Joules	305	305	509	746	1153	1492	2034
Operating Weight	lb	350	321	413	572	780	1118	1667
	kg	159	146	187	259	412	507	756
Unit Working Length	inch	48	48	55	61	63	75	83
	cm	122	122	139	154	161	190	212
Tool Diameter	inch	1.77	1.77	2.24	2.76	2.95	3.15	3.54
	mm	45	45	57	70	75	80	90
Tool Working Length	inch	11.9	11.9	14.1	15.9	16.0	19.5	22.6
	mm	302	302	357	404	406	496	575
Frequency	L Mode bpm	550-1000	550-1000	600-1500	380-1000	380-900	400-800	350-700
	S Mode bpm	n/a	n/a	n/a	n/a	n/a	600-1100	490-1000
ENERGY								
Mechanical Energy	hp	4.5 - 11	4.5 - 11	4.6 - 19	12 - 30	17 - 33	14 - 37	15 - 38
	kW	3.3 - 8	3.3 - 8	3 - 14	9 - 22	13 - 25	10 - 28	11 - 28
Mechanical Energy Average	hp	7.8	7.8	11.8	21	25	25.5	26.5
	kW	6	6	9	16	19	19	20
HYDRAULICS								
Oil Flow Range (At No Load)	gpm	4 - 9	4 - 9	8 - 18	11 - 18	14 - 20	15 - 23	16 - 26
	lpm	15 - 34	15 - 34	30 - 68	42 - 68	53 - 75	56 - 87	60 - 98
Operating Pressure	psi	1280-1706			1564-2437	1706-2347	1990-2418	
	bar	88 - 118			108 - 162	118 - 162	137 - 167	

- 1) All models are Box style housings except the ORV250LT.
- 2) The L- mode frequency is the normal mode.
- 3) Operating weight includes complete breaker assembly with UMB.

BREAKERS



	MODELS	2500H	3000H	4000H	5000HX	7500HX	10000H	12000H
INFORMATION								
Carrier Class	1000 lb	22 - 34	28 - 40	38 - 54	44 - 66	60 - 92	76 - 132	99 - 176
	m ton	10 - 15	13 - 18	17 - 25	20 - 30	27 - 42	35 - 60	45 - 80
Impact Energy Class	ft lb	2500	3000	4000	5000	7500	10000	12500
	Joules	3390	4068	5424	6780	10170	13560	16950
Operating Weight	lb	2289	2883	3646	4573	5925	8636	8965
	kg	1038	1307	1654	2074	2687	3917	3748
Unit Working Length	inch	94	100	103	114	124	141	142
	cm	239	254	262	290	315	358	361
Tool Diameter	inch	4.13	4.53	5.31	5.71	6.10	6.65	7.09
	mm	105	115	135	145	155	170	180
Tool Working Length	inch	23.4	24	28.9	28.2	30.2	34.9	32
	mm	594	610	734	716	767	886	813
Frequency	L Mode bpm	350-550	320-550	320-480	270-400	230-400	230-330	270-380
	S Mode bpm	600-900	400-700	400-600	330-500	270-470	270-500	380-530
ENERGY								
Mechanical Energy	hp	35 - 65	45 - 78	62 - 98	73 - 117	98 - 133	94 - 158	101 - 176
	kW	26 - 48	33 - 58	47 - 73	55 - 87	73 - 99	70 - 117	75 - 131
Mechanical Energy Average	hp	50	61.5	80	95	115.5	126	138.5
	kW	37	46	60	71	86	94	103
HYDRAULICS								
Oil Flow Range (At No Load)	gpm	25 - 35	32 - 42	40 - 53	47 - 63	63 - 72	64 - 85	69 - 95
	lpm	94 - 132	121 - 159	151 - 200	178 - 239	238 - 273	242 - 321	261 - 359
Operating Pressure	psi	1990 - 2700		2275 - 2700			2133 - 2700	
	bar	137 - 180		157 - 180			147 - 187	

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