

HDB Series Breaker Specifications

Item	Unit	HDB10	HDB20	HDB40	HDB50	HDB70	HDB90	HDB140	HDB180	HDB210	HDB250
Operating Weight (Top Box BKT.)	kg	115	150	224	333	431	614	929	1209	1738	2165
	lb	253	330	493	734	950	1354	2048	2665	3832	4773
Overall Length (w/STD. MTG. BKT)	mm	1110	1239	1408	1603	1805	1981	2225	2455	2764	2898
	Inch	43.7	48.8	55.4	63.1	71.1	78	87.6	96.7	108.8	114.1
Overall Length (w.o/MTG. BKT)	mm	973	1090	1258	1419	1591	1760	1962	2153	2395	2526
	Inch	38.3	42.9	49.5	55.9	62.6	69.3	77.2	84.8	94.3	99.4
Operating Weight (Side BKT.)	kg	-	-	162	271	380	513	773	1199	1647	2020
	lb	-	-	357	597	750	1131	1704	2643	3631	4453
Overall Length (Side BKT.)	mm	-	-	1192	1560	1657	1842	1903	2094	2348	2457
	Inch	-	-	46.9	61.4	65.2	72.5	74.9	82.4	92.4	96.7
Chisel Out Dia.	mm	40	45	62	70	78	85	105	120	135	145
	Inch	1.6	1.8	2.4	2.8	3.1	3.3	4.1	4.7	5.3	5.7
Chisel Length	mm	420	500	610	730	806	850	975	1165	1250	1280
	Inch	16.5	19.7	24	28.7	31.7	33.5	38.4	45.9	49.2	50.4
Setting Pressure	kgf/cm ²	150	150	150	170	180	190	190	210	210	210
	psi	2134	2134	2134	2418	2560	2702	2702	2987	2987	2987
Impact Power	Ft.Lbs	140	220	600	800	1000	1500	2000	3000	4000	6530
	J	190	300	820	1090	1370	2050	2730	4100	5450	8850
Working Pressure	kgf/cm ²	70~110	80~120	100~140	100~140	100~140	100~140	120~160	120~170	130~170	140~180
	psi	996~1565	1138~1707	1422~1991	1422~1991	1422~1991	1422~1991	1707~2276	1707~2418	1849~2418	1991~2560
Oil Flow	lpm	15~30	20~40	30~50	30~55	45~80	50~100	90~110	100~140	110~160	150~210
	gpm	4.0~7.9	5.3~10.5	7.9~13.2	7.9~14.5	11.9~21.1	13.2~26.4	24~29	26.4~37	29.1~42.3	39.6~55.5
Blow Rate (H/Speed)	BPM	600~1200	600~1200	500~1000	350~900 (450~1000)	350~850 (450~1100)	300~700 (550~950)	350~550 (500~750)	350~550 (450~600)	350~500 (450~600)	250~350 (300~450)
	kgf/cm ²	12	12	12	12	12	12	12	12	11	11
Back Head N2 Gas Pressure	psi	171	171	171	171	171	171	171	171	156	156
	ton	0.5~1.5	0.8~3	3~5	4~6	6~8	7~12	10~15	16~20	18~25	22~29
Suitable Excavator	lb	1102~3307	2205~5512	6614~9921	6612~17637	11020~17637	13228~19842	22046~33069	35274~44092	39683~55116	48502~63934