

Feature of DB Small Series

- Reliability and durability
- Simple and efficient Design
- Low maintenance cost
- Excellent performance
- High power combined by hydraulic oil and N2 gas pressure
- Internal valve system
- Low noise level to use in city



S-type



V-type



VBM-type

Technical Specification

Model		DB 10	DB 15	DB 20	DB 25	DB 30	DB 35	DB 40	DB 100
Operating Weight ( S-Type)	kg	110	160	185	260	345	430	675	920
	lb	243	353	408	573	761	948	1,488	2,028
Operating Weight ( V-Type)	kg	100	155	185	235	310	410	605	860
	lb	220	342	408	518	683	904	1,334	1,896
Setting Pressure (Relief Pressure)	bar	150	150	160	170	170	170	190	210
	psi	2176	2176	2321	2466	2466	2466	2755	3046
Operating Pressure	bar	80 - 110	80 - 110	90 - 120	95 - 130	95 - 130	100 - 130	130 - 150	150 - 170
	psi	1160 - 1595	1161 - 1595	1305 - 1740	1377 - 1885	1378 - 1885	1450 - 1885	1885 - 2175	2175 - 2465
Oil Flow Rate	lpm	15 - 25	20 - 30	25 - 40	30 - 45	30 - 45	40 - 80	45 - 85	80 - 110
	gpm	3.9 - 6.6	5.2 - 7.9	6.6 - 10.5	8 - 12	8 - 12	11 - 21	12 - 22	21 - 29
Number of Blow	bpm	800-1230	600-1000	550-950	550 - 900	450-750	450-950	400-800	450-630
Impact Energy	Joule	210	260	368	515	730	752	1,316	1,991
	ft.lbf	155	192	271	424	538	555	971	1468
Chisel Diameter	mm	40	45	53	58	68	75	85	100
	in	1.57	1.77	2.09	2.29	2.68	2.95	3.35	3.94
Carrier weight	ton	0.6 - 1.2	1.0 - 3.0	1.2 - 4	3 - 5.5	4 - 7	5 - 8	7 - 10	11 - 16
	lb	1300-2600	2200-6600	2600-8800	6600-12100	8800-15400	11000-17600	15400-22000	24200-35300

The Specification can be changed without prior notice in order to improve performance.

Feature of DB Medium and Heavy Series

- Replaceable tool bush for longer life
- Adjustable blow speed to improve efficiency
- Oil flow adjustable to wide range of machine
- N2 gas charged to increase impact power
- Optional Auto grease kit
- Accumulator to absorb spikes in hydraulic circuit
- External control valve system for easy maintenance
- Solid housing design
- Anti-Blank FireSystem (Model DB100 to DB460)



Technical Specification

Model		DB 122	DB162	DB222	DB282	DB 332	DB 460	DB 550
Operating Weight ( S-Type)	kg	1250	1740	2200	2950	3380	4660	5620
	lb	2756	3836	4850	6504	7451	10280	12390
Operating Weight ( V-Type)	kg	1360	1820	2480	3100	3500	4500	5775
	lb	2998	4012	5480	6851	7716	9921	12732
Setting Pressure (Relief Pressure)	bar	210	220	220	220	220	220	220
	psi	3045	3190	3190	3190	3190	3190	3190
Operating Pressure	bar	150 - 170	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180	160 - 180
	psi	2175 - 2465	2320 - 2610	2320 - 2610	2320 - 2610	2320 - 2610	2320 - 2610	2320 - 2610
Oil Flow Rate	lpm	90 - 120	125 - 150	160 - 190	190 - 250	200 - 250	250 - 340	210 - 300
	gpm	24 - 32	33 - 40	42 - 50	50 - 66	52 - 66	66 - 90	66 - 90
Number of Blow	bpm	400 - 900	400 - 800	350 - 750	300-600	300-350	250 - 320	300 - 420
Impact Energy	Joule	2400	3654	5180	8985	10100	12900	13000
	ft.lbf	1770	2695	3821	6627	7449	9514	9588
Chisel Diameter	mm	120	135	150	155	166	180	188
	in	4.72	5.31	5.91	6.1	6.54	7.09	7.48
Carrier weight	ton	15 - 20	18 - 26	27 - 35	30 - 40	35 - 49	45 - 65	50 - 70
	lb	33000-44000	39600-57300	59500-77100	66200-88200	77200-108000	99200-143300	110200-154300

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