

# Technical Data

		DCBS-Pro 1-125	DCBS-Pro 2-160
Model code		DCBS-Pro 1-125 H2,8 VS30 380-480/50/60	DCBS-Pro 2-160 H2,8 VS16 380-480/50/60
Load capacity	[lbs] / [kg]	275 / 125	350 / 160
Lifting speeds VSmin/VSrated	[ft/min] / [m/min]	0.5 - 100 / 0.15 - 30	0,5 - 52 / 0.15 - 16
Lifting height (standard)	[ft] / [mm]	9 / 2,800	9 / 2,800
Increased suspension height (extra price)	[ft] / [mm]	14 / 4,300	14 / 4,300
Chain size	[ft] / [mm]	0.17 x 0.48 / 4.2 x 12.2	
Group of mechanisms	FEM / ISO	4m / M7	
Supply voltage	[V AC]	380 - 480	
Frequency	[Hz]	50 / 60	
Control voltage	[V DC]	24	
Output	[kW]	1.26 / 0.94	
Hoist motor duty factor	[%]	15 % [VSmin] / 60 % [VSrated]	
C dimension with long suspension bracket	[mm]	32.1 / 815.5	
Equipment length	[mm]	19.8 / 502	
Weight for hook path (2,800 / 4,300 mm)	[kg]	55; 60 / 25; 27	
Temperature range	[°F] / [°C]	- 4 to 104 / - 20 to + 40 (without reduction in CDF) 122 / 22 (30 % CDF)	
Protection class / insulation class		IP55 / F	

Balancer code	Available input pressure [bar / psi]	Max. load (slow operation) [kg / lbs]	Max. load (fast operation) [kg / lbs]	Lifting stroke [mm / inch]	Weight * [kg / lbs]
D-BP II 70-2000B	4.5 / 65	37 / 82	28 / 61	2000 / 80	27 / 60
	5.0 / 73	42 / 93	32 / 70		
	5.5 / 80	47 / 103	35 / 77		
	6.0 / 87	52 / 114	39 / 86		
	6.5 / 94	57 / 125	43 / 95		
	7.0 / 102	62 / 136	47 / 103		
	7.5 / 109	67 / 147	50 / 110		
	8.0 / 116	72 / 158	54 / 119		
D-BP II 120-2000B D-BP II 120-3000B	4.5 / 65	63 / 139	48 / 106	2000 / 80 3000 / 118	35 / 77 40 / 88
	5.0 / 73	72 / 158	54 / 119		
	5.5 / 80	81 / 178	60 / 132		
	6.0 / 87	89 / 196	67 / 147		
	6.5 / 94	98 / 216	73 / 161		
	7.0 / 102	106 / 233	80 / 176		
	7.5 / 109	115 / 253	86 / 189		
	8.0 / 116	123 / 271	93 / 205		
D-BP II 160-2000B	4.5 / 65	85 / 187	63 / 139	2000 / 80	40 / 88
	5.0 / 73	96 / 211	72 / 158		
	5.5 / 80	107 / 235	81 / 178		
	6.0 / 87	119 / 262	89 / 196		
	6.5 / 94	130 / 286	98 / 216		
	7.0 / 102	142 / 313	106 / 233		
	7.5 / 109	153 / 337	115 / 253		
	8.0 / 116	165 / 363	123 / 271		
D-BP II 225-1800B	4.5 / 65	119 / 262	89 / 196	1800 / 72	42 / 92
	5.0 / 73	135 / 297	101 / 222		
	5.5 / 80	151 / 333	113 / 249		
	6.0 / 87	167 / 368	125 / 275		
	6.5 / 94	183 / 403	137 / 302		
	7.0 / 102	199 / 438	149 / 328		
	7.5 / 109	215 / 474	162 / 357		
	8.0 / 116	231 / 209	174 / 383		
D-BP II 350-1200B D-BP II 350-2500B	4.5 / 65	185 / 408	139 / 306	1200 / 47 2000 / 80	40 / 88 45 / 99
	5.0 / 73	210 / 463	157 / 346		
	5.5 / 80	235 / 518	176 / 388		
	6.0 / 87	260 / 573	195 / 430		
	6.5 / 94	285 / 628	214 / 472		
	7.0 / 102	310 / 683	232 / 511		
	7.5 / 109	335 / 738	251 / 553		
	8.0 / 116	360 / 794	270 / 595		

\* Weight without control circuit & carriage

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# DEMAG

DCBS-Pro Chain hoist with balancer function

D-BP II Air balancer