

## DBU100H Series Dynamic Braking Unit for High-performance and Heavy-load

DBU100H series dynamic braking units is designed by our company for the braking applications of high-performance and heavy-load. Its continuous braking at rated braking current can meet the requirements of customers in the application of large inertia and rapid deceleration or stopping.

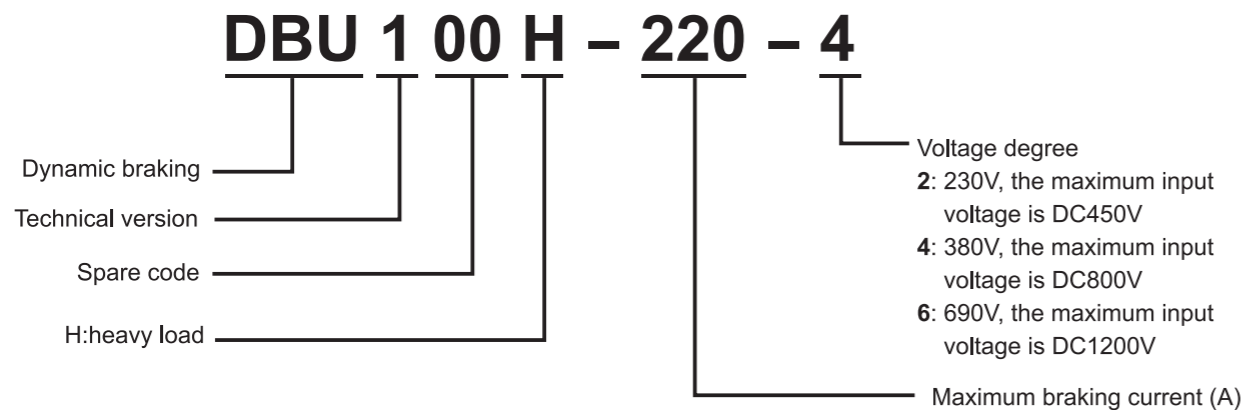
It can be widely used in the industries of elevators, looms, paper-making machinery, centrifugal machines, washing machines, drawing machines, winding machines, linkage systems, crown blocks, mining and lifting etc.



### Main Features

- Three voltage degrees of 220V/380V/660V and the braking current is 60A~400A
- Multiple brake voltage thresholds can be set
- Parallel application of multiple machines
- Be applied in the application of 100% motor feedback
- Long-time running at the maximum braking current
- Meet the design requirement of EMC: IEC61800-3 the protection degree is IP20
- A variety of fault output and external fault input functions

### Nameplate Description of DBU100H Series Dynamic Braking Units



Power	Voltage degree (V)	Model of braking unit	Available resistance of 100% braking torque (Ω)	Dissipated power of braking resistor (kW) (10%braking)	Dissipated power of braking resistor (kW) (50%braking)	Dissipated power of braking resistor (kW) (80%braking)	Mini. braking resistor(Ω)
220V-15kW	220	DBU100H-60-2	9.6	2	11	18	6.4
220V-18kW			8	3	14	22	
220V-22kW			6.5	3	17	26	
220V-30kW		DBU100H -110-2	4.8	5	23	36	3.5
220V-37kW			3.9	6	28	44	
220V-45kW		DBU100H -160-2	3.2	7	34	54	2.4
220V-55kW			2.6	8	41	66	
220V-75kW		DBU100H -220-2	1.9	11	56	90	1.8
220V-90kW			1.6	7*2	34*2	84*2	
220V-110kW		Two DBU100H -160-2	1.3	9*2	43*2	66*2	2.4*2
380V-37kW	380	DBU100H-60-4	13.2	6	28	44	11.7
380V-45kW			10.9	7	34	54	
380V-55kW			8.9	8	41	66	
380V-75kW		DBU100H-110-4	6.5	11	56	90	6.4
380V-90kW			5.4	14	68	108	
380V-110kW		DBU100H-160-4	4.5	17	83	132	4.4
380V-132kW			3.7	20	99	158	
380V-160kW		DBU100H-320-4	3.1	24	120	192	2.2
380V-200kW			2.5	30	150	240	
380V-220kW		DBU100H-400-4	2.2	33	165	264	1.8
380V-250kW	2		38	188	300		
380V-280kW	Two DBU100H-320-4	3.6*2	21*2	105*2	168*2	2.2*2	
380V-315kW		3.2*2	24*2	118*2	189*2		
380V-350kW		2.8*2	27*2	132*2	210*2		
380V-400kW	Two DBU100H-400-4	2.4*2	30*2	150*2	240*2	1.8*2	
380V-500kW		2*2	38*2	186*2	300*2		
660V-37kW	660	DBU100H-110-6	32.7	6	28	44	10
660V-45kW			26.9	7	34	54	
660V-55kW			22	8	41	66	
660V-75kW			16.1	11	56	90	
660V-90kW			13.4	14	68	108	
660V-110kW		11	17	83	132		
660V-132kW		DBU100H-160-6	9.2	20	99	158	6.9
660V-160kW			7.6	24	120	192	
660V-200kW		DBU100H-220-6	6.1	30	150	240	5
660V-220kW			5.5	33	165	164	
660V-250kW	DBU100H-320-6	4.8	38	188	300	3.4	
660V-280kW		4.3	42	210	336		
660V-315kW		3.8	47	236	378		
660V-350kW	DBU100H-320-6	3.5	53	263	420	2.8	
660V-400kW		3	60	300	480		
660V-500kW	Two DBU100H-220-6	4.8*2	38*2	186*2	300*2	5*2	
660V-560kW		4.4*2	42*2	210*2	336*2		

Note: The wiring diagram of the main circuit of DBU100H is the same as DBU series products.