

GS10 Series Optional Accessories - Braking

GS10 Braking Resistors

Use the table below to find the appropriate braking resistor model for your GS10 series AC drive. For more information and installation instructions, please see the GS10 series User Manual. All listed resistors are available for purchase at www.automationdirect.com.

GS10 AC Drive Braking Component Selection												
Drive Voltage	Drive Model	Motor Power (hp)	Drive Brake Capacity - Max Torque		125% Braking Torque @ 10% Duty Cycle*							
			Min Resistor Value (Ω)	Max Total Brake Current (A)	Open Type Braking Resistor				NEMA1 Resistors with Thermal Switch			
					Part #	Qty.	Brake Torque (kg·m)	Total Brake Current (A)	Part #	Qty.	Total Brake Current (A)	
120V	GS11N-10P2	1/4	190.0	2	GS-BR-080W750	1	0.1	0.5	BR-N1-240W200	1	2.0	
	GS11N-10P5	1/2	95.0	4	GS-BR-080W200	1	0.3	1.9	BR-N1-240W150	1	2.6	
	GS11N-11P0	1	63.3	6		1	0.5		1			
230V	GS11N-20P2	1/4	190.0	2	GS-BR-080W750	1	0.1	0.5	BR-N1-240W200	1	2.0	
	GS11N-20P5	1/2	95.0	4	GS-BR-080W200	1	0.3	1.9	BR-N1-240W150	1	2.6	
	GS11N-21P0	1	63.3	6		1	0.5		1			
	GS11N-22P0	2	47.5	8	GS-BR-200W091	1	1	4.2	BR-N1-280W50	1	7.8	
	GS11N-23P0	3	38.0	10	GS-BR-300W070	1	1.5	5.4	1			
	GS13N-20P2	1/4	190.0	2	GS-BR-080W750	1	0.1	0.5	BR-N1-240W200	1	2.0	
	GS13N-20P5	1/2	95.0	4	GS-BR-080W200	1	0.3	1.9	BR-N1-240W150	1	2.6	
	GS13N-21P0	1	63.3	6		1	0.5		1			
	GS13N-22P0	2	47.5	8	GS-BR-200W091	1	1	4.2	BR-N1-280W50	1	7.8	
	GS13N-23P0	3	38.0	10	GS-BR-300W070	1	1.5	5.4	1			
	GS13N-25P0	5	19.0	20	GS-BR-400W040	1	2.5	9.5	BR-N1-800W25	1	15.6	
	GS13N-27P5	7 1/2	16.5	23	GS-BR-1K0W020	1	3.7	19	BR-N1-800W18P0	1	21.7	
	460V	GS13N-40P5	1/2	380.0	2	GS-BR-080W750	1	0.3	1	BR-N1-250W400	1	2.0
		GS13N-41P0	1	190.0	4		1	0.5		BR-N1-240W200	1	3.9
		GS13N-42P0	2	126.7	6	GS-BR-200W360	1	1	2.1	BR-N1-240W150	1	5.2
GS13N-43P0		3	108.6	7	GS-BR-300W250	1	1.5	3	BR-N1-500W200	1	3.9	
GS13N-45P0		5	84.4	9	GS-BR-400W150	1	2.5	5.1	BR-N1-500W130	1	6.0	
GS13N-47P5		7 1/2	50.7	15	GS-BR-1K0W075	1	3.7	10.2	BR-N1-720W85	1	9.2	
GS13N-40T0		10	40.0	19		1	5.1		BR-N1-1K2W50	1	15.6	
* 10% Duty Cycle with maximum ON (braking) time for 10 seconds.												

* 10% Duty Cycle with maximum ON (braking) time for 10 seconds.