

DURAPULSE GS20(X) Optional Accessories - Braking

Braking Resistors Available for GS20(X) AC Drives

Use the table below to find the appropriate braking resistor model for your GS20 or GS20X series AC drive. For more information and installation instructions, please see the GS20(X) User Manual. All listed resistors are available for purchase at www.automationdirect.com.

GS20(X) AC Drive Braking Component Selection										
Drive Voltage	Motor Power		Drive Model	125% Braking Torque @ 10% Duty Cycle*				Max Braking Torque		
	(hp)	(kW)		Braking Resistor		Brake Torque (kg-m)	Total Brake Current (A)	Min Resistor Value (Ω)	Max Total Brake Current (A)	Peak Power (kW)
				Qty.	Part #					
120V	1/4	0.2	GS21-10P2	1	GS-BR-080W750	0.1	0.5	190.0	2	0.8
	1/2	0.4	GS21-10P5	1	GS-BR-080W200	0.3	1.9	95.0	4	1.5
	1	0.75	GS21-11P0	1	GS-BR-080W200	0.5	1.9	63.3	6	2.3
230V	1/4	0.2	GS21-20P2	1	GS-BR-080W750	0.1	0.5	190.0	2	0.8
	1/2	0.4	GS21-20P5	1	GS-BR-080W200	0.3	1.9	95.0	4	1.5
	1	0.75	GS21-21P0	1	GS-BR-080W200	0.5	1.9	63.3	6	2.3
	2	1.5	GS21-22P0	1	GS-BR-200W091	1	4.2	47.5	8	3.0
	3	2.2	GS21-23P0	1	GS-BR-300W070	1.5	5.4	38.0	10	3.8
	1/4	0.2	GS23-20P2	1	GS-BR-080W750	0.1	0.5	190.0	2	0.8
	1/2	0.4	GS23-20P5	1	GS-BR-080W200	0.3	1.9	95.0	4	1.5
	1	0.75	GS23-21P0	1	GS-BR-080W200	0.5	1.9	63.3	6	2.3
	2	1.5	GS23-22P0	1	GS-BR-200W091	1	4.2	47.5	8	3.0
	3	2.2	GS23-23P0	1	GS-BR-300W070	1.5	5.4	38.0	10	3.8
	5	3.7	GS23-25P0	1	GS-BR-400W040	2.5	9.5	19.0	20	7.6
	7 1/2	5.5	GS23-27P5	1	GS-BR-1K0W020	3.7	19	16.5	23	8.7
	10	7.5	GS23-2010	1	GS-BR-1K0W020	5.1	19	14.6	26	9.9
	15	11	GS23-2015	1	GS-BR-1K5W013	7.4	29	12.6	29	11.0
	20	15	GS23-2020	2	GS-BR-1K0W4P3 (x2 series)	10.2	44	8.3	46	17.5
460V	1/2	0.4	GS23-40P5	1	GS-BR-080W750	0.3	1	380.0	2	1.5
	1	0.75	GS23-41P0	1	GS-BR-080W750	0.5	1	190.0	4	3.0
	2	1.5	GS23-42P0	1	GS-BR-200W360	1	2.1	126.7	6	4.6
	3	2.2	GS23-43P0	1	GS-BR-300W250	1.5	3	108.6	7	5.3
	5	3.7	GS23-45P0	1	GS-BR-400W150	2.5	5.1	84.4	9	6.8
	7 1/2	5.5	GS23-47P5	1	GS-BR-1K0W075	3.7	10.2	50.7	15	11.4
	10	7.5	GS23-4010	1	GS-BR-1K0W075	5.1	10.2	40.0	19	14.4
	15	11	GS23-4015	1	GS-BR-1K5W043	7.4	17.6	33.0	23	17.5
	20	15	GS23-4020	2	GS-BR-1K0W016 (x2 series)	10.2	24	26.2	29	22.0
	25	18	GS23-4025	2	GS-BR-1K0W016 (x2 series)	12.2	24	26.2	29	22.0
30	22	GS23-4030	2	GS-BR-1K5W013 (x2 series)	14.9	29	23.0	33	25.1	
575V	1	0.75	GS23-51P0	1	GS-BR-080W750	0.5	1.2	280.0	4	4.5
	2	1.5	GS23-52P0	1	GS-BR-200W360	1	2.6	186.7	6	6.7
	3	2.2	GS23-53P0	1	GS-42P0-BR	1.5	2.3	160.0	7	7.8
	5	3.7	GS23-55P0	1	GS-47P5-BR	2.5	9.2	93.3	12	13.4
	7 1/2	5.5	GS23-57P5	1	GS-47P5-BR (x2 series)	3.7	6.6	80.0	14	15.7
	10	7.5	GS23-5010	1	GS-BR-1K0W075	5.1	12.3	70.0	16	17.9
GS20X - 230V	1/2	0.4	GS21X-20P5	1	GS-BR-080W200	0.3	1.9	95.0	4	1.5
	1	0.75	GS21X-21P0	1	GS-BR-080W200	0.5	1.9	63.3	6	2.3
	2	1.5	GS21X-22P0	1	GS-BR-200W091	1	4.2	47.5	8	3.0
	3	2.2	GS21X-23P0	1	GS-BR-300W070	1.5	5.4	38.0	10	3.8
	1/2	0.2	GS23X-20P5	1	GS-BR-080W200	0.1	0.5	190.0	2	0.8
	1	0.4	GS23X-21P0	1	GS-BR-080W200	0.3	1.9	95.0	4	1.5
	2	0.75	GS23X-22P0	1	GS-BR-200W091	0.5	1.9	63.3	6	2.3
	3	1.5	GS23X-23P0	1	GS-BR-300W070	1	4.2	47.5	8	3.0
	5	2.2	GS23X-25P0	1	GS-BR-400W040	1.5	5.4	38.0	10	3.8
7 1/2	3.7	GS23X-27P5	1	GS-BR-1K0W020	2.5	9.5	19.0	20	7.6	
GS20X - 460V	1/2	0.4	GS23X-40P5	1	GS-BR-080W750	0.3	1	380.0	2	1.5
	1	0.75	GS23X-41P0	1	GS-BR-080W750	0.5	1	190.0	4	3.0
	2	1.5	GS23X-42P0	1	GS-BR-200W360	1	2.1	126.7	6	4.6
	3	2.2	GS23X-43P0	1	GS-BR-300W250	1.5	3	108.6	7	5.3
	5	3.7	GS23X-45P0	1	GS-BR-400W150	2.5	5.1	84.4	9	6.8
	7 1/2	5.5	GS23X-47P5	1	GS-BR-1K0W075	3.7	10.2	50.7	15	11.4
10	7.5	GS23X-4010	1	GS-BR-1K0W075	5.1	10.2	40.0	19	14.4	

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