

■ Minimum resistance of connectable braking resistors

The minimum allowable resistance values of the externally connectable braking resistors are listed in the table below.

Do not connect braking resistors with smaller resultant resistance than the listed minimum allowable resistance values.

(For 200kW or greater models, a dynamic braking resistor drive unit (optional separate unit) is needed.)

Inverter Related output capacity (kW)	200V Class		400V Class	
	Resistance of standard option	Minimum allowable resistance	Resistance of standard option	Minimum allowable resistance
0.4	200Ω	50Ω	—	—
0.75	200Ω	50Ω	200Ω	60Ω
1.5	75Ω	35Ω	200Ω	60Ω
2.2	75Ω	20Ω	200Ω	60Ω
3.7/4.0	40Ω	16Ω	160Ω	40Ω
5.5	20Ω	11Ω	80Ω	30Ω
7.5	15Ω	8Ω	60Ω	20Ω
11	10Ω	5Ω	40Ω	20Ω
15	7.5Ω	5Ω	30Ω	13.3Ω
18.5	7.5Ω	3.3Ω	30Ω	13.3Ω
22	3.3Ω	3.3Ω	15Ω	13.3Ω
30	3.3Ω	2.5Ω	13.3Ω	10Ω
37	2Ω	1.7Ω	8Ω	6.7Ω
45	2Ω	1.7Ω	8Ω	5Ω
55	2Ω	1.7Ω	8Ω	5Ω
75	1.7Ω	1.3Ω	8Ω	3.3Ω
90	—	—	3.7Ω	2.5Ω
110	—	—	3.7Ω	1.9Ω
132	—	—	3.7Ω	1.9Ω
160	—	—	3.7Ω	1.9Ω
200	—	—	1.9Ω	1Ω
220	—	—	1.9Ω	1Ω
280	—	—	1.4Ω	1Ω
355	—	—	0.95Ω	0.7Ω
400	—	—	0.95Ω	0.7Ω
500	—	—	0.7Ω	0.7Ω