

(Ref). Reference of brakes

**Mitsubishi Electric BM type[220]**

Brake No.	High excitation voltage(V)	High excitation current(A)	Low excitation voltage(V)	Low excitation current(A)	Contactless unit type	High excitation current(A)	Adjustment range of low excitation current(A)
BM-20	220	3.32	31	0.47	DS2005BR□	5	0.25 to 0.7
BM-25		4.81	28	0.6	DS2010BR□	10	0.5 to 1.4
BM-33		7.49	28	0.96	DS2020BR□	20	1 to 2.8
BM-40		8.82	34	1.38	DS2020BR□	20	1 to 2.8
BM-48		10.7	35	2.17	DS2020BR□	20	1 to 2.8
BM-58		17.8	28	3.08	DS2030BR□	30	1.5 to 4.2
BM-76		42.1	16	7.28	DS2070BR□	70	3.5 to 10

**Mitsubishi Electric BM type[110]**

Brake No.	High excitation voltage(V)	High excitation current(A)	Low excitation voltage(V)	Low excitation current(A)	Contactless unit type	High excitation current(A)	Adjustment range of low excitation current(A)
BM-20	110	7.4	14	0.96	DS1030BR□	30	1.5 to 4.2
BM-25		9.32	14	1.2	DS1030BR□	30	1.5 to 4.2
BM-33		14.6	14	1.91	DS1030BR□	30	1.5 to 4.2
BM-40		17.9	17	2.81	DS1030BR□	30	1.5 to 4.2
BM-48		20	19	4.4	DS1050BR□	50	2.5 to 7.5
BM-58		38	14	6.5	DS1070BR□	70	3.5 to 10
BM-76		84.4	8	15.1	-	-	-

**Yaskawa Electric QB type[220]**

Brake No.	High excitation voltage(V)	High excitation current(A)	Low excitation voltage(V)	Low excitation current(A)	Contactless unit type	High excitation current(A)	Adjustment range of low excitation current(A)
BM-20	220	3.32	31	0.47	DS2005BR□	5	0.25 to 0.7
BM-25		4.81	28	0.6	DS2010BR□	10	0.5 to 1.4
BM-33		7.49	28	0.96	DS2020BR□	20	1 to 2.8
BM-40		8.82	34	1.38	DS2020BR□	20	1 to 2.8
BM-48		10.7	35	2.17	DS2020BR□	20	1 to 2.8
BM-58		17.8	28	3.08	DS2030BR□	30	1.5 to 4.2
BM-76		42.1	16	7.28	DS2070BR□	70	3.5 to 10

**Yaskawa Electric QB type[110]**

Brake No.	High excitation voltage(V)	High excitation current(A)	Low excitation voltage(V)	Low excitation current(A)	Contactless unit type	High excitation current(A)	Adjustment range of low excitation current(A)
BM-20	110	7.4	14	0.96	DS1030BR□	30	1.5 to 4.2
BM-25		9.32	14	1.2	DS1030BR□	30	1.5 to 4.2
BM-33		14.6	14	1.91	DS1030BR□	30	1.5 to 4.2
BM-40		17.9	17	2.81	DS1030BR□	30	1.5 to 4.2
BM-48		20	19	4.4	DS1050BR□	50	2.5 to 7.5
BM-58		38	14	6.5	DS1070BR□	70	3.5 to 10
BM-76		84.4	8	15.1	-	-	-