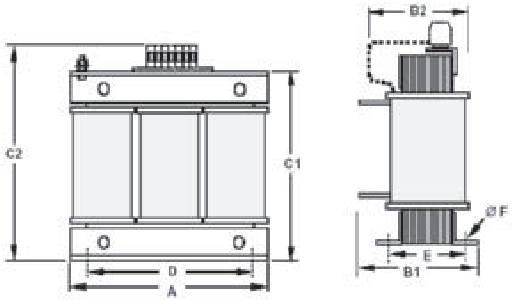
Input AC Reactor



Voltage	Reference	Dimensions A	B1	B2	C1	C2	D	E	F	Weight (kg)
200 V	AX-RAI02800080-DE	120	–	70	–	120	80	52	5.5	1.78
	AX-RAI00880200-DE			80				62		2.35
	AX-RAI00350335-DE	180		85		190	140	55	6	5.5
	AX-RAI00180670-DE									
	AX-RAI00091000-DE					205				6.5
	AX-RAI00071550-DE			105				85		11.7
	AX-RAI00042300-DE		120	–	150	–				
400 V	AX-RAI07700050-DE	120	–	70	–	120	80	52	5.5	1.78
	AX-RAI03500100-DE			80				62		2.35
	AX-RAI01300170-DE	180		75		195	140	55	6	5.5
	AX-RAI00740335-DE			85		190				
	AX-RAI00360500-DE					205				6.5
	AX-RAI00290780-DE			105				75		11.2
	AX-RAI00191150-DE	240		110		275	200			16.0
	AX-RAI00111850-DE									
	AX.RAI00072700-DE		180	–	210	–		110		25.4

DC reactor

Figure 1

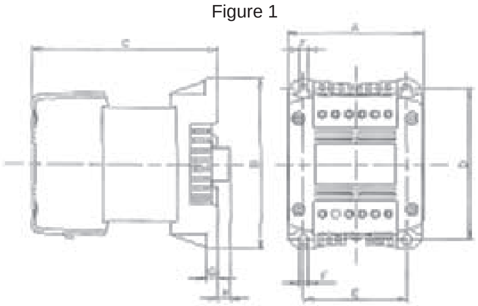
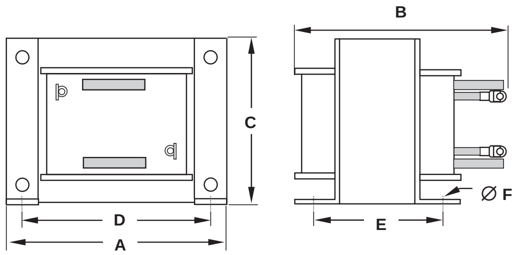


Figure 2



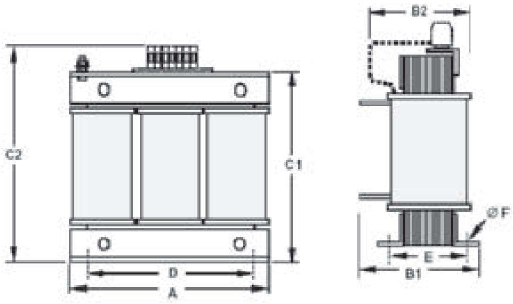
200 V

Reference AX-RC	Fig	Dimensions A	B	C	D	E	F	G	H	kg
10700032-DE	1	84	113	96	101	66	5	7.5	2	1.22
06750061-DE				105						1.60
03510093-DE										
02510138-DE				116						1.95
01600223-DE		108	135	124	120	82	6.5	9.5	9.5	3.20
01110309-DE		120	152	136	135	94	7		–	5.20
00840437-DE				146						6.00
00590614-DE		150	177	160	160	115		2		11.4
00440859-DE				183						14.3
00301275-DE	2	195	161	163	185	88	10	–	–	17.0
00231662-DE			196			123				25.5
00192015-DE		240	188	200	228	109	12			34.0
00162500-DE			198			119				38.0
00133057-DE			228			149				42.0

400 V

Reference AX-RC	Fig	Dimensions A	B	C	D	E	F	G	H	kg
43000020-DE	1	84	113	96	101	66	5	7.5	2	1.22
27000030-DE				105						1.60
14000047-DE										
10100069-DE				116						1.95
06400116-DE		108	135	133	120	82	6.5	9.5	9.5	3.70
04410167-DE		120	152	136	135	94	7		–	5.20
03350219-DE				146						6.00
02330307-DE		150	177	160	160	115	7	2		11.4
01750430-DE				183						14.3
01200644-DE	2	195	161	163	185	88	10	–	–	17.0
00920797-DE			196			123				25.5
00741042-DE		240	188	200	228	109	12			34.0
00611236-DE			198			119				38.0
00501529-DE			228			149				48.0
00372094-DE										
00312446-DE		300	230	256	250	160				49.0
00252981-DE			245							52.5
00213613-DE			250			180				79.0

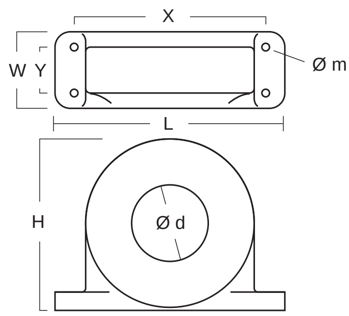
Output AC reactor



Reference	Dimensions								Weight kg
	A	B1	B2	C1	C2	D	E	F	
AX-RAO11500026-DE	120	–	70	–	120	80	52	5.5	1.78
AX-RAO07600042-DE	120	–	70	–	120	80	52	5.5	1.78
AX-RAO04100075-DE	120	–	80	–	120	80	62	5.5	2.35
AX-RAO03000105-DE	120	–	80	–	120	80	62	5.5	2.35
AX-RAO01830160-DE	180	–	85	–	190	140	55	6	5.5
AX-RAO01150220-DE	180	–	85	–	190	140	55	6	5.5
AX-RAO00950320-DE	180	–	85	–	205	140	55	6	6.5
AX-RAO00630430-DE	180	–	95	–	205	140	65	6	9.1
AX-RAO00490640-DE	180	–	95	–	205	140	65	6	9.1
AX-RAO00390800-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO00330950-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO00251210-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO00191450-DE	240	–	120	–	275	200	85	6	18.6
AX-RAO00161820-DE	240	–	150	–	275	200	110	6	27.0
AX-RAO00132200-DE	300	–	145	–	320	200	125	6	33.5
AX-RAO16300038-DE	120	–	80	–	120	80	62	5.5	2.35
AX-RAO11800053-DE	120	–	80	–	120	80	62	5.5	2.35
AX-RAO07300080-DE	180	–	85	–	190	140	55	6	5.5
AX-RAO04600110-DE	180	–	85	–	190	140	55	6	5.5
AX-RAO03600160-DE	180	–	85	–	205	140	55	6	6.5
AX-RAO02500220-DE	180	–	95	–	205	140	65	6	9.1
AX-RAO02000320-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO01650400-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO01300480-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO01030580-DE	240	–	110	–	275	200	75	6	16.0
AX-RAO00800750-DE	240	–	120	–	275	200	85	6	18.6
AX-RAO00680900-DE	240	–	150	–	275	200	110	6	27.0
AX-RAO00531100-DE	300	–	125	–	330	200	105	6	27.9
AX-RAO00401490-DE	300	–	165	–	330	200	125	6	44.0
AX-RAO00331760-DE	300	–	165	–	330	200	125	6	44.0
AX-RAO00262170-DE	360	230	–	315	–	300	150	8	55.0
AX-RAO00212600-DE	420	255	–	360	–	300	145	8	102.0

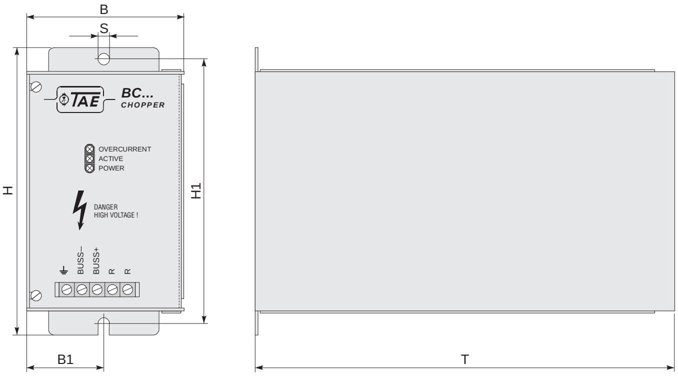
Chokes

Reference	D diameter	Motor kW	Dimensions						Weight kg
			L	W	H	X	Y	m	
AX-FER2102-RE	21	<2.2	85	22	46	70	–	5	0.1
AX-FER2515-RE	25	<15	105	25	62	90	–	5	0.2
AX-FER5045-RE	50	<45	150	50	110	125	30	5	0.7
AX-FER6055-RE	60	≥55	200	65	170	180	45	6	1.7



Braking unit dimensions

Reference	Dimensions					
	B	B1	H	H1	T	S
AX-BCR4015045-TE	82.5	40.5	150	138	220	6
AX-BCR4017068-TE						
AX-BCR2035090-TE	130	64.5	205	193	208	6
AX-BCR2070130-TE						
AX-BCR4035090-TE						
AX-BCR4070130-TE						
AX-BCR4090240-TE	131	64.5	298	280	300	9



Resistor dimensions

AX-REM00K1xxx

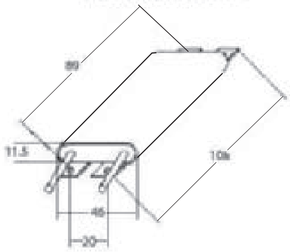


Fig 1

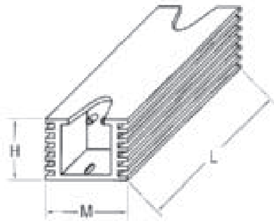


Fig 2

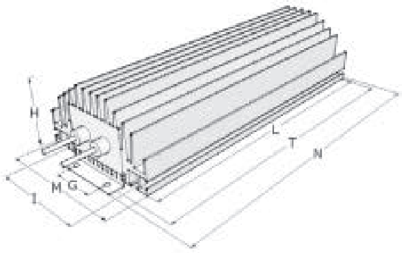


Fig 3

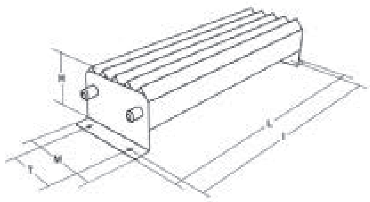


Fig 4

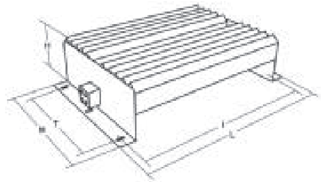
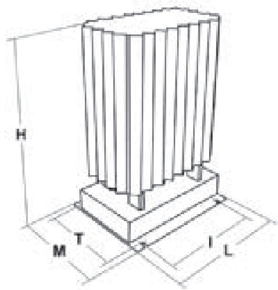
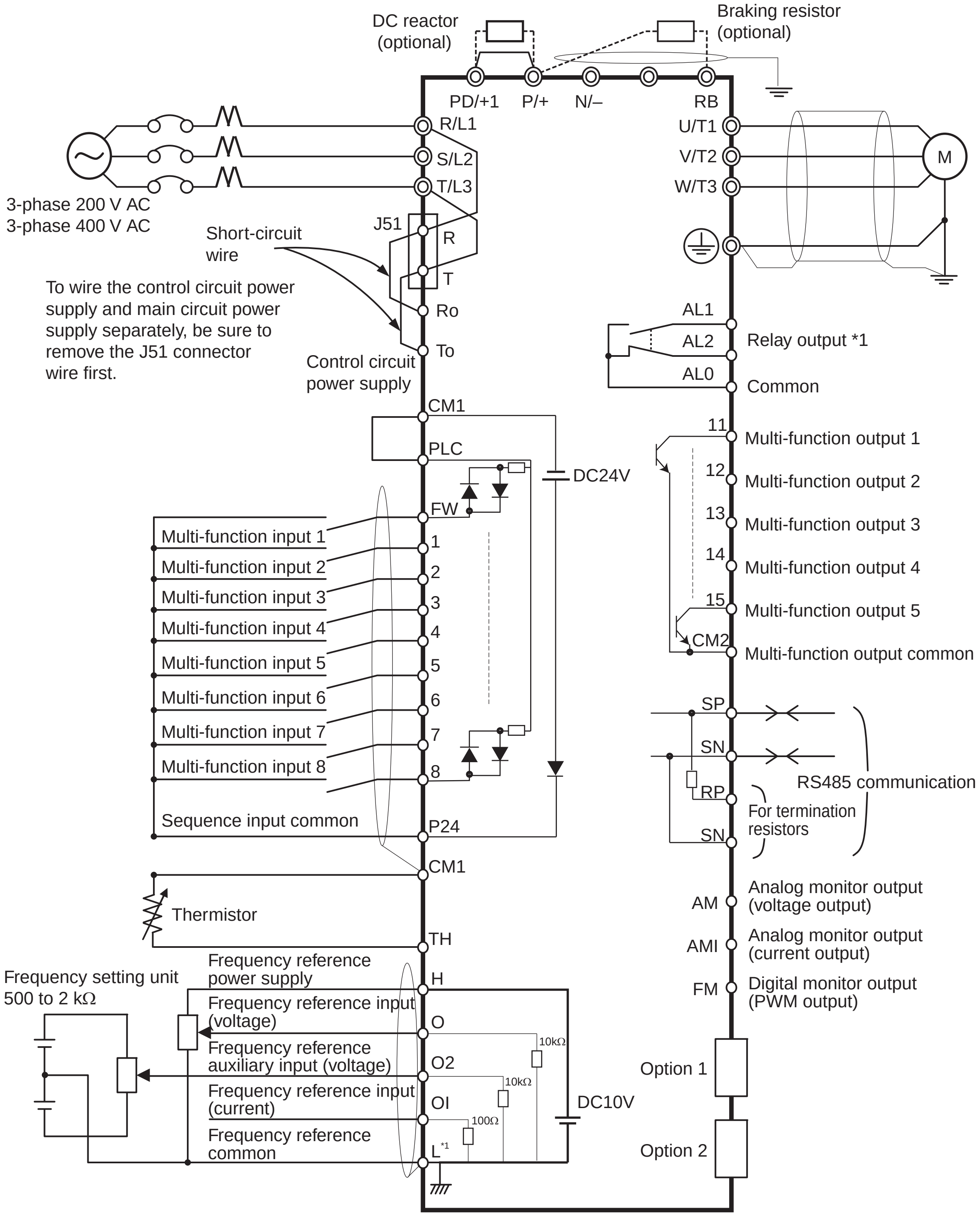


Fig 5



Type	Fig.	Dimensions							Weight
		L	H	M	I	T	G	N	kg
AX-REM00K2070-IE	1	105	27	36	94	–	–	–	0.2
AX-REM00K2120-IE									
AX-REM00K2200-IE									
AX-REM00K4075-IE		200	27	36	189	–	–	–	0.425
AX-REM00K4035-IE									
AX-REM00K4030-IE									
AX-REM00K5120-IE		260	27	36	249	–	–	–	0.58
AX-REM00K6100-IE		320	27	36	309	–	–	–	0.73
AX-REM00K6035-IE									
AX-REM00K9070-IE	2	200	62	100	74	211	40	230	1.41
AX-REM00K9020-IE									
AX-REM00K9017-IE									
AX-REM01K9070-IE	3	365	73	105	350	70	–	–	4
AX-REM01K9017-IE									
AX-REM02K1070-IE	4	310	100	240	295	210	–	–	7
AX-REM02K1017-IE									
AX-REM03K5035-IE		365	100	240	350	210	–	–	8
AX-REM03K5010-IE									
AX-REM19K0006-IE	5	206	350	140	190	50	–	–	8.1
AX-REM19K0008-IE									
AX-REM19K0020-IE									
AX-REM19K0030-IE									
AX-REM38K0012-IE		306	350	140	290	50	–	–	14.5

Standard connections



*1 L is the common reference for analog input and also for analog output.

Terminal block specifications

Terminal	Name	Function (signal level)
R/L1, S/L2, T/L3	Main circuit power supply input	Used to connect line power to the drive.
U/T1, V/T2, W/T3	Inverter output	Used to connect the motor
PD/+1, P/+	External DC reactor terminal	Normally connected by the short-circuit bar. Remove the short-circuit bar between +1 and P/+2 when a DC reactor is connected.
P/+, RB	Braking resistor connection terminals	Connect option braking resistor (if a braking torque is required)
P/+, N/–	Regenerative braking unit connection terminal	Connect optional regenerative braking units.
⏚	Grounding	For grounding (grounding should conform to the local grounding code.)

Control circuit

Type	No.	Signal name	Function	Signal level
Frequency reference input	H	Frequency reference power supply	10 VDC 20 mA max	
	O	Voltage frequency reference input	0 to 12 VDC (10 kΩ)	
	O2	Voltage auxiliary frequency reference	0 to ±12 VDC (10 kΩ)	
	OI	Current frequency reference input	4 to 20 mA (100 Ω)	
	L	Frequency reference common	Common terminal for analog monitor (AM, AMI) terminals	
Monitor output	AM	Multi-function analog voltage output	Factory setting: Output frequency	2 mA max
	AMI	Multi-function analog current output	Factory setting: Output frequency	4 to 20 mA (max imp 250 Ω)
	FM	PWM monitor output	Factory setting: Output frequency	0 to 10 VDC max 3.6 kHz
Power supply	P24	Internal 24 VDC	Power supply for contact input signal	100 mA max
	CM1	Input common	Common terminal for P24, TH and FM digital monitor	
Function selection	FW	Forward rotation command terminal	Motor runs in forwards direction when FW is ON	27 VDC max Input imped 4.7 kΩ max current 5.6 mA On: 18 VDC or more
	1	Multi-function input	Factory setting: Reverse (RV)	
	2		Factory setting: External trip (EXT)	
	3		Factory setting: Reset (RS)	
	4		Factory setting: Multi-step speed reference 1 (CF1)	
	5		Factory setting: Multi-step speed reference 2 (CF2)	
	6		Factory setting: Jogging (JG)	
	7		Factory setting: Second control (SET)	
	8		Factory setting: No allocation (NO)	
	PLC	Multi-function input common	Sink logic: Short-circuiting P24 and PLC Source logic: Short-circuiting PLC and CM1 With external supply remove short-circuit bar	
Status/Factor	11	Multi-function output	Factory setting: During Run (RUN)	27 VDC max 50 mA max
	12		Factory setting: 0 Hz signal (ZS)	
	13		Factory setting: Overload warning (OL)	
	14		Factory setting: Overtorque (OTQ)	
	15		Factory setting: Constant speed arrival (FA1)	
	CM2	Multi-function output common	Common terminal for multi-function output terminals 11 to 15	
Relay output	AL1	Relay output (Normally close)	Factory setting: Alarm output (AL) Under normal operation MA-MC open MB-MC close	R load AL1-AL0 250 VAC 2 A AL2-AL0 250 VAC 1 A I load 250 VAC 0.2 A
	AL2	Relay output (Normally open)		
	AL0	Relay output common		
Sensor	TH	External thermistor input terminal	SC terminal functions as the common terminal 100 mΩ minimum Impedance at temperature error: 3 kΩ	0 to 8 VDC
Comms	SP	RS485 Modbus terminals	–	Differential input
	SN			
	RP	RS485 terminating resistor terminals	–	–
	SN			

Inverter heat loss

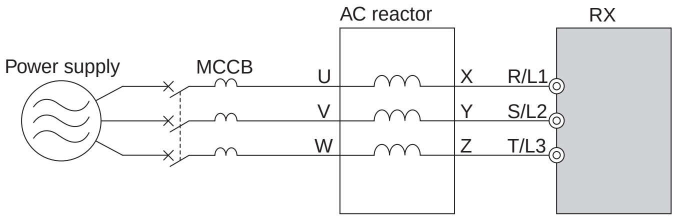
Three-phase 200 V class

Model 3G3RX-		A2004	A2007	A2015	A2022	A2037	A2055	A2075	A2110	A2150	A2185	A2220	A2300	A2370	A2450	A2550
Inverter capacity kVA	200 V	1.0	1.7	2.5	3.6	5.7	8.3	11.0	15.9	22.1	26.3	32.9	41.9	50.2	63.0	76.2
	240 V	1.2	2.0	3.1	4.3	6.8	9.9	13.3	19.1	26.6	31.5	39.4	50.2	60.2	75.6	91.4
Rated current (A)		3.0	5.0	7.5	10.5	16.5	24	32	46	64	76	95	121	145	182	220
Heat loss W	Losses at 70% load	64	76	102	127	179	242	312	435	575	698	820	1,100	1,345	1,625	1,975
	Losses at 100% load	70	88	125	160	235	325	425	600	800	975	1,150	1,550	1,900	2,300	2,800
Efficiency at rated output		85.1	89.5	92.3	93.2	94.0	94.4	94.6	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1
Cooling Method		Forced-air-cooling														

Three-phase 400 V class

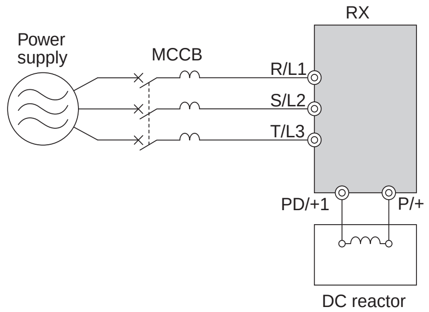
Model 3G3RX-		A4004	A4007	A4015	A4022	A4040	A4055	A4075	A4110	A4150	A4185	A4220	A4300	A4370	A4450	A4550	B4750	B4900	B411K	B413K
Inverter capacity kVA	400 V	1.0	1.7	2.5	3.6	6.2	9.7	13.1	17.3	22.1	26.3	33.2	40.1	51.9	63.0	77.6	103.2	121.9	150.3	180.1
	480 V	1.2	2.0	3.1	4.3	7.4	11.6	15.8	20.7	26.6	31.5	39.9	48.2	62.3	75.6	93.1	123.8	146.3	180.4	216.1
Rated current (A)		1.5	2.5	3.8	5.3	9.0	14	19	25	32	38	48	58	75	91	112	149	176	217	260
Heat loss W	Losses at 70% load	64	76	102	127	179	242	312	435	575	698	820	1,100	1,345	1,625	1,975	2,675	3,375	3,900	4,670
	Losses at 100% load	70	88	125	160	235	325	425	600	800	975	1,150	1,550	1,900	2,300	2,800	3,800	4,800	5,550	6,650
Efficiency at rated output		85.1	89.5	92.3	93.2	94.0	64.4	94.6	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
Cooling Method		Forced-air-cooling																		

Input AC Reactor



3 phase 200 V class				400 V class			
Max. applicable motor output kW	Reference	Current value A	Inductance mH	Max. applicable motor output kW	Reference	Current value A	Inductance mH
0.4 to 1.5	AX-RAI02800080-DE	8.0	2.8	0.4 to 1.5	AX-RAI07700050-DE	5.0	7.7
2.2 to 3.7	AX-RAI00880200-DE	20.0	0.88	2.2 to 4.0	AX-RAI03500100-DE	10.0	3.5
5.5 to 7.5	AX-RAI00350335-DE	33.5	0.35	5.5 to 7.5	AX-RAI01300170-DE	17.0	1.3
11.0 to 15.0	AX-RAI00180670-DE	67.0	0.18	11.0 to 15.0	AX-RAI00740335-DE	33.5	0.74
18.5 to 22.0	AX-RAI00091000-DE	100.0	0.09	18.5 to 22.0	AX-RAI00360500-DE	50.0	0.36
30.0 to 37.0	AX-RAI00071550-DE	155.0	0.07	30.0 to 37.0	AX-RAI00290780-DE	78.0	0.29
45.0 to 55.0	AX-RAI00042300-DE	230.0	0.04	45.0 to 55.0	AX-RAI00191150-DE	115.0	0.19
				75.0 to 90.0	AX-RAI00111850-DE	185.0	0.11
				110.0 to 132.0	AX.RAI00072700-DE	270.0	0.07

DC Reactor



200 V class				400 V class			
Max. applicable motor output kW	Reference	Current value A	Inductance mH	Max. applicable motor output kW	Reference	Current value A	Inductance mH
0.4	AX-RC10700032-DE	3.2	10.70	0.4	AX-RC43000020-DE	2.0	43.00
0.7	AX-RC06750061-DE	6.1	6.75	0.7	AX-RC27000030-DE	3.0	27.00
1.5	AX-RC03510093-DE	9.3	3.51	1.5	AX-RC14000047-DE	4.7	14.00
2.2	AX-RC02510138-DE	13.8	2.51	2.2	AX-RC10100069-DE	6.9	10.10
3.7	AX-RC01600223-DE	22.3	1.60	4.0	AX-RC06400116-DE	11.6	6.40
5.5	AX-RC01110309-DE	30.9	1.11	5.5	AX-RC04410167-DE	16.7	4.41
7.5	AX-RC00840437-DE	43.7	0.84	7.5	AX-RC03350219-DE	21.9	3.35
11.0	AX-RC00590614-DE	61.4	0.59	11.0	AX-RC02330307-DE	30.7	2.33
15.0	AX-RC00440859-DE	85.9	0.44	15.0	AX-RC01750430-DE	43.0	1.75
18.5 to 22	AX-RC00301275-DE	127.5	0.30	18.5 to 22	AX-RC01200644-DE	64.4	1.20
30	AX-RC00231662-DE	166.2	0.23	30	AX-RC00920797-DE	79.7	0.92
37	AX-RC00192015-DE	201.5	0.19	37	AX-RC00741042-DE	104.2	0.74
45	AX-RC00162500-DE	250.0	0.16	45	AX-RC00611236-DE	123.6	0.61
55	AX-RC00133057-DE	305.7	0.13	55	AX-RC00501529-DE	152.9	0.50
				75	AX-RC00372094-DE	209.4	0.37
				90	AX-RC00312446-DE	244.6	0.31
				110	AX-RC00252981-DE	298.1	0.25
				132	AX-RC00213613-DE	361.3	0.21

Output AC Reactor

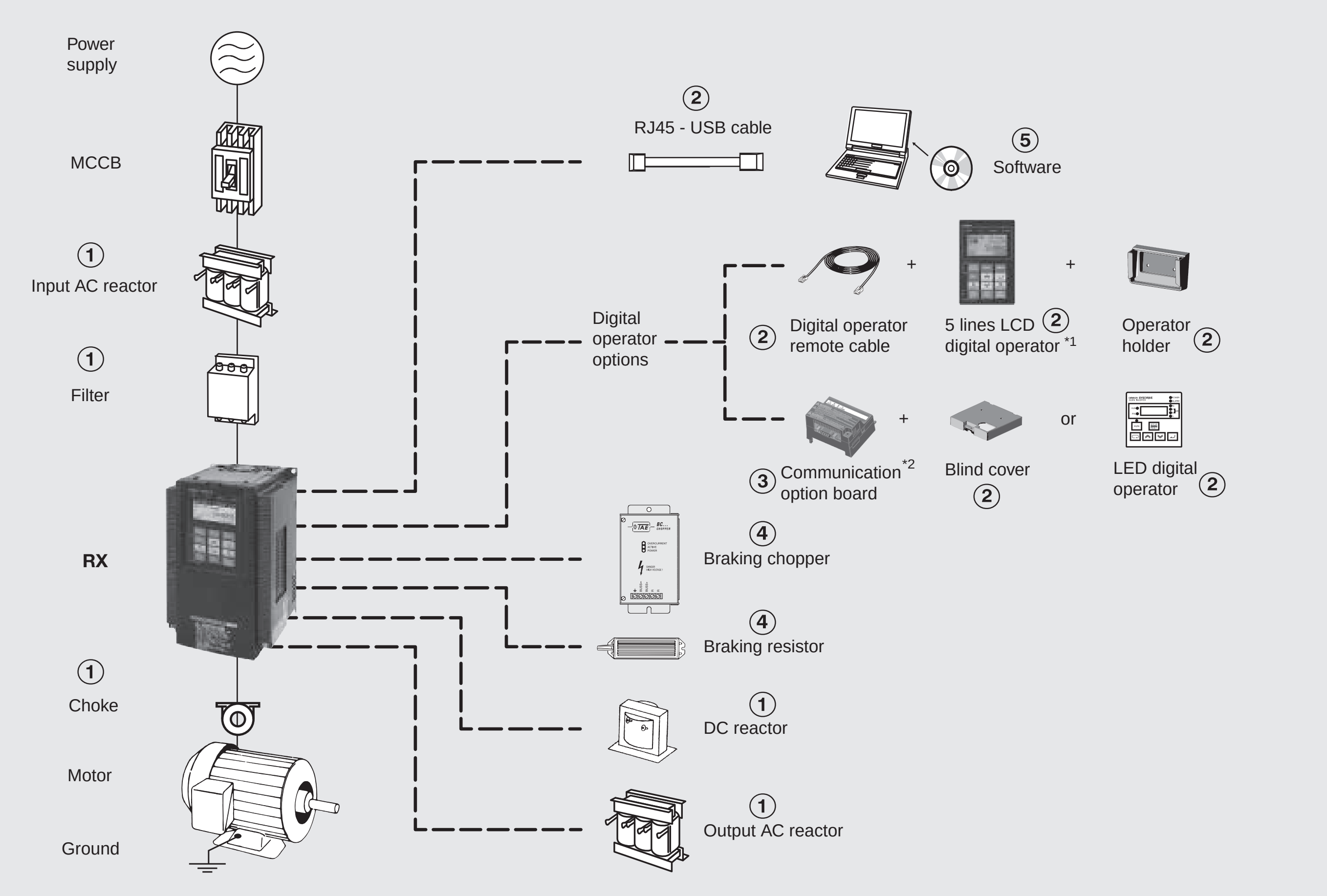
200 V class				400 V class			
Max. applicable motor output kW*1	Reference	Current value A	Inductance mH	Max. applicable motor output kW*1	Reference	Current value A	Inductance mH
0.4	AX-RAO11500026-DE	2.6	11.50	0.4 to 1.5	AX-RAO16300038-DE	3.8	16.30
0.75	AX-RAO07600042-DE	4.2	7.60				
1.5	AX-RAO04100075-DE	7.5	4.10				
2.2	AX-RAO03000105-DE	10.5	3.00	2.2	AX-RAO11800053-DE	5.3	11.80
3.7	AX-RAO01830160-DE	16.0	1.83	4.0	AX-RAO07300080-DE	8.0	7.30
5.5	AX-RAO01150220-DE	22.0	1.15	5.5	AX-RAO04600110-DE	11.0	4.60
7.5	AX-RAO00950320-DE	32.0	0.95	7.5	AX-RAO03600160-DE	16.0	3.60
11	AX-RAO00630430-DE	43.0	0.63	11	AX-RAO02500220-DE	22.0	2.50
15	AX-RAO00490640-DE	64.0	0.49	15	AX-RAO02000320-DE	32.0	2.00
18.5	AX-RAO00390800-DE	80.0	0.39	18.5	AX-RAO01650400-DE	40.0	1.65
22	AX-RAO00330950-DE	95.0	0.33	22	AX-RAO01300480-DE	48.0	1.30
30	AX-RAO00251210-DE	121.0	0.25	30	AX-RAO01030580-DE	58.0	1.03
37	AX-RAO00191450-DE	145.0	0.19	37	AX-RAO00800750-DE	75.0	0.80
45	AX-RAO00161820-DE	182.0	0.16	45	AX-RAO00680900-DE	90.0	0.68
55	AX-RAO00132200-DE	220.0	0.13	55	AX-RAO00531100-DE	110.0	0.53
				75	AX-RAO00401490-DE	149.0	0.40
				90	AX-RAO00331760-DE	176.0	0.33
				110	AX-RAO00262170-DE	217.0	0.26
				132	AX-RAO00212600-DE	260.0	0.21

*1 The motor sizes are for heavy duty applications

Braking Unit

Voltage	Reference	Specifications				
		Permanent		Peak (5s max)		Minimum connectable resistor (Ohms)
		Current (A)	Brake power (kVA)	Current (A)	Brake power (kVA)	
200 V	AX-BCR2035090-TE	35	13	90	32	4
	AX-BCR2070130-TE	70	25	130	47	2.8
400 V	AX-BCR4015045-TE	15	11	45	33	16
	AX-BCR4017068-TE	17	13	68	51	11
	AX-BCR4035090-TE	35	26	90	67	8.5
	AX-BCR4070130-TE	70	52	130	97	5.5
	AX-BCR4090240-TE	90	67	240	180	3.2

Ordering information



*1 The 5 lines LCD digital operator is provided with the inverter from factory.
*2 When a communication option board is mounted, there are two options: mount a blind cover or a LED digital operator.

3G3RX

Specifications					Model	Specifications					Model
Voltage class	Constant torque		Variable torque		Standard	Voltage class	Constant torque		Variable torque		Standard
	Max motor kW	Rated current A	Max motor kW	Rated current A			Max motor kW	Rated current A	Max motor kW	Rated current A	
Three-phase 200 V	0.4	3.0	0.75	3.7	3G3RX-A2004-E1F	Three-phase 400 V	0.4	1.5	0.75	1.9	3G3RX-A4004-E1F
	0.75	5.0	1.5	6.3	3G3RX-A2007-E1F		0.75	2.5	1.5	3.1	3G3RX-A4007-E1F
	1.5	7.5	2.2	9.4	3G3RX-A2015-E1F		1.5	3.8	2.2	4.8	3G3RX-A4015-E1F
	2.2	10.5	4.0	12	3G3RX-A2022-E1F		2.2	5.3	4.0	6.7	3G3RX-A4022-E1F
	4.0	16.5	5.5	19.6	3G3RX-A2037-E1F		4.0	9.0	5.5	11.1	3G3RX-A4040-E1F
	5.5	24	7.5	30	3G3RX-A2055-E1F		5.5	14	7.5	16	3G3RX-A4055-E1F
	7.5	32	11	44	3G3RX-A2075-E1F		7.5	19	11	22	3G3RX-A4075-E1F
	11	46	15	58	3G3RX-A2110-E1F		11	25	15	29	3G3RX-A4110-E1F
	15	64	18.5	73	3G3RX-A2150-E1F		15	32	18.5	37	3G3RX-A4150-E1F
	18.5	76	22	85	3G3RX-A2185-E1F		18.5	38	22	43	3G3RX-A4185-E1F
	22	95	30	113	3G3RX-A2220-E1F		22	48	30	57	3G3RX-A4220-E1F
	30	121	37	140	3G3RX-A2300-E1F		30	58	37	70	3G3RX-A4300-E1F
	37	145	45	169	3G3RX-A2370-E1F		37	75	45	85	3G3RX-A4370-E1F
	45	182	55	210	3G3RX-A2450-E1F		45	91	55	105	3G3RX-A4450-E1F
	55	220	75	270	3G3RX-A2550-E1F		55	112	75	135	3G3RX-A4550-E1F
	–						75	149	90	160	3G3RX-B4750-E1F
							90	176	110	195	3G3RX-B4900-E1F
							110	217	132	230	3G3RX-B411K-E1F
							132	260	160	290	3G3RX-B413K-E1F

① Line filters

Rasmi line filter									
200V					400V				
Model 3G3RX-□	Reference	Rated current (A)	Leakage Nom/Max	kg	Model 3G3RX-□	Reference	Rated current (A)	Leakage Nom/Max	kg
A2004/A2007/A2015/ A2022/A2037	AX-FIR2018-RE	18	0.7/40 mA	2.0	A4004/A4007/A4015/ A4022/A4040	AX-FIR3010-RE	10	0.3/40 mA	1.9
A2055/A2075/A2110	AX-FIR2053-RE	53	0.7/40 mA	2.5	A4055/A4075/A4110	AX-FIR3030-RE	30	0.3/40 mA	2.2
A2150/A2185/A2220	AX-FIR2110-RE	110	1.2/70 mA	8.0	A4150/A4185/A4220	AX-FIR3053-RE	53	0.8/70 mA	4.5
A2300	AX-FIR2145-RE	145	1.2/70 mA	8.6	A4300	AX-FIR3064-RE	64	3/160 mA	7.0
A2370/A2450	AX-FIR3250-RE	250	6/300 mA	13.0	A4370	AX-FIR3100-RE	100	2/130 mA	8.0
A2550	AX-FIR3320-RE	320	6/300 mA	13.2	A4450/A4550	AX-FIR3130-RE	130	2/130 mA	8.6
–					A4750/A4900	AX-FIR3250-RE	250	10/500 mA	13.0
					A411K/A413K	AX-FIR3320-RE	320	10/500 mA	13.2

① Input AC Reactors

Voltage			
3-phase 200 VAC		3-phase 400 VAC	
Inverter model 3G3RX-□	AC reactor reference	Inverter model 3G3RX-□	AC reactor reference
A2004/A2007/A2015	AX-RAI02800100-DE	A4004/A4007/A4015	AX-RAI07700050-DE
A2022/A2037	AX-RAI00880200-DE	A4022/A4040	AX-RAI03500100-DE
A2055/A2075	AX-RAI00350335-DE	A4055/A4075	AX-RAI01300170-DE
A2110/A2150	AX-RAI00180670-DE	A4110/A4150	AX-RAI00740335-DE
A2185/A2220	AX-RAI00091000-DE	A4185/A4220	AX-RAI00360500-DE
A2300/A2370	AX-RAI00071550-DE	A4300/A4370	AX-RAI00290780-DE
A2450/A2550	AX-RAI00042300-DE	A4450/A4550	AX-RAI00191150-DE
		A4750/A4900	AX-RAI00111850-DE
		A411K/A413K	AX.RAI00072700-DE

① DC Reactors

Voltage			
3-phase 200 VAC		3-phase 400 VAC	
Inverter model 3G3RX-□	AC reactor reference	Inverter model 3G3RX-□	AC reactor reference
A2004	AX-RC10700032-DE	A4004	AX-RC43000020-DE
A2007	AX-RC06750061-DE	A4007	AX-RC27000030-DE
A2015	AX-RC03510093-DE	A4015	AX-RC14000047-DE
A2022	AX-RC02510138-DE	A4022	AX-RC10100069-DE
A2037	AX-RC01600223-DE	A4040	AX-RC06400116-DE
A2055	AX-RC01110309-DE	A4055	AX-RC04410167-DE
A2075	AX-RC00840437-DE	A4075	AX-RC03350219-DE
A2110	AX-RC00590614-DE	A4110	AX-RC02330307-DE
A2150	AX-RC00440859-DE	A4150	AX-RC01750430-DE
A2185/A2220	AX-RC00301275-DE	A4185/A4220	AX-RC01200644-DE
A2300	AX-RC00231662-DE	A4300	AX-RC00920797-DE
A2370	AX-RC00192015-DE	A4370	AX-RC00741042-DE
A2450	AX-RC00162500-DE	A4450	AX-RC00611236-DE
A2550	AX-RC00133057-DE	A4550	AX-RC00501529-DE
		A4750	AX-RC00372094-DE
		A4900	AX-RC00312446-DE
		A411K	AX-RC00252981-DE
		A413K	AX-RC00213613-DE

① Chokes

Model	Diameter	Description
AX-FER2102-RE	21	For 2.2 kW motors or below
AX-FER2515-RE	25	For 15 kW motors or below
AX-FER5045-RE	50	For 45 kW motors or below
AX-FER6055-RE	60	For 55 kW motors or above

① Output AC reactor

Voltage			
200V		400V	
Model 3G3RX-□	Reference	Model 3G3RX-□	Reference
A2004	AX-RAO11500026-DE	A4004/A4007/A4015	AX-RAO16300038-DE
A2007	AX-RAO07600042-DE		
A2015	AX-RAO04100075-DE		
A2022	AX-RAO03000105-DE	A4022	AX-RAO11800053-DE
A2037	AX-RAO01830160-DE	A4040	AX-RAO07300080-DE
A2055	AX-RAO01150220-DE	A4055	AX-RAO04600110-DE

Voltage			
200V		400V	
Model 3G3RX-□	Reference	Model 3G3RX-□	Reference
A2075	AX-RAO00950320-DE	A4075	AX-RAO03600160-DE
A2110	AX-RAO00630430-DE	A4110	AX-RAO02500220-DE
A2150	AX-RAO00490640-DE	A4150	AX-RAO02000320-DE
A2185	AX-RAO00390800-DE	A4185	AX-RAO01650400-DE
A2220	AX-RAO00330950-DE	A4220	AX-RAO01300480-DE
A2300	AX-RAO00251210-DE	A4300	AX-RAO01030580-DE
A2370	AX-RAO00191450-DE	A4370	AX-RAO00800750-DE
A2450	AX-RAO00161820-DE	A4450	AX-RAO00680900-DE
A2550	AX-RAO00132200-DE	A4550	AX-RAO00531100-DE
		A4750	AX-RAO00401490-DE
		A4900	AX-RAO00331760-DE
		A411K	AX-RAO00262170-DE
		A413K	AX-RAO00212600-DE

Note: This table corresponds with HD rating. When ND is used, please choose the reactor for the next size inverter.

② Accessories

Types	Appearance	Model	Description
Remote digital operator		3G3AX-OP05	5 Line LCD digital operator with copy function[*1]
		3G3AX-OP05-H-E	Operator holder (for inside cabinet mounting)
		3G3AX-OP01	LED remote digital operator
		4X-KITmini	Mounting kit
LED digital operator		3G3AX-OP03	To be used in combination with communication option boards
Blind cover		3G3AX-OP05-B-E	
Cables		3G3AX-CAJOP300-EE	3 m remote digital operator cable
	–	USB-CONVERTERCABLE	RJ45 to USB connection cable
		3G3AX-PCACN2	

*1 This digital operator is provided with the RX inverter from factory.

③ Option boards

Types	Model	Description	Functions
Encoder feedback	3G3AX-PG	PG speed controller option card	Phase A,B and Z pulse (differential pulse) inputs (RS-422) Pulse train position command input (RS-422) Pulse monitor output (RS-422) PG frequency range: 100 kHz max
Communication option board	3G3AX-RX-DRT	DeviceNet option card	Used for running or stopping the inverter, setting or referencing parameters, and monitoring output frequency, output current... through communications with the host controller.
	3G3AX-RX-PRT	PROFIBUS option card	
	3G3AX-RX-ECT	EtherCAT option card	
	3G3AX-RX-CRT	CompoNet option card	
	3G3AX-RX-MRT	MECHATROLINK-II option card	
I/O option	3G3AX-EIO21-ROE	Extra input/output option card	8 digital inputs, 8 digital outputs, 4 analog inputs, 1 analog output

④ Braking unit, braking resistor unit

Inverter					Braking resistor unit					
Voltage	Max. motor kW	Inverter 3G3RX☐ 3-phase	Braking Unit AX-BCR☐	Connectable min. resistance Ω	Inverter mounted type (3%ED, 10 sec max) Type AX-	Inverter mounted type Resist Ω	Braking torque %	External resistor 10%ED 10 sec max for built-in 5 sec max for Braking Unit Type AX-	External resistor Resist Ω	Braking torque %
200 V (single-/ three-phase)	0.55	2004	Built-in	50	REM00K1200-IE	200	180	REM00K1200-IE	200	180
	1.1	2007					100	REM00K2070-IE	70	200
	1.5	2015		35	REM00K2070-IE	70	140	REM00K4075-IE	75	130
	2.2	2022					90	REM00K4035-IE	35	180
	4.0	2037			REM00K4075-IE	75	50	REM00K6035-IE	35	100
	5.5	2055		16	REM00K4035-IE	35	75	REM00K9020-IE	20	150
	7.5	2075		10			55	REM01K9017-IE	17	110
	11.0	2110			REM00K6035-IE	35	40	REM02K1017-IE	17	75
	15.0	2150		7.5	REM00K9017-IE	17	55	REM03K5010-IE	10	95
	18.5	2185			REM03K5010-IE	10	75	REM19K0008-IE	8	95
	22.0	2220		5			65			80
	30.0	2300	2035090-TE	4	–			REM19K0006-IE	6	80
	37.0	2370							6	60
	45.0	2450	2070130-TE	2.8				2 × REM19K0006-IE	3	105
	55.0	2550							3	85
400 V (three-phase)	0.55	4004	Built-in	100	REM00K1400-IE	400	200	REM00K1400-IE	400	200
	1.1	4007					200			200
	1.5	4015			REM00K1200-IE	200	190	REM00K2200-IE	200	190
	2.2	4022			REM00K2200-IE	200	130	REM00K5120-IE	120	200
	4.0	4040		70	REM00K2120-IE	120	120	REM00K6100-IE	100	140
	5.5	4055			REM00K4075-IE	75	140	REM00K9070-IE	70	150
	7.5	4075		35			100	REM01K9070-IE	70	110
	11.0	4110			REM00K6100-IE	100	50	REM02K1070-IE	70	75
	15.0	4150		24	REM00K9070-IE	70	55	REM03K5035-IE	35	110
	18.5	4185			REM03K5035-IE	35	90	REM19K0030-IE	30	100
	22.0	4220		20			75			85
	30.0	4300	4015045-TE	16	–			REM19K0020-IE	20	95
	37.0	4370	4017068-TE	11				REM38K0012-IE	15	125
	45.0	4450								100
	55.0	4550	4035090-TE	8.5				2 × REM19K0020-IE	10	100
	75.0	4750						3 × REM19K0030-IE	10	75
	90.0	4900	4070130-TE	5.5				2 × REM38K0012-IE	6	105
	110.0	411K	4090240-TE	3.2				3 × REM38K0012-IE	4	125
	132.0	413K								105

Computer software

Types	Model	Description	Installation
Software	CX-Drive	Computer software	Configuration and monitoring software tool
	CX-One	Computer software	Configuration and monitoring software tool
	€Saver	Computer software	Software tool for Energy Saving calculation