Servo motor models

Naming rules

IMS20A-06 M 20B 30C-2-P9□□

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

Symbol	Symbol instruction	Product category
①	series	IMS Motor
②	Flange (mm)	04:40 06:60 08:80 10:100 11:110 13:130 18:180 20:200 26:263
③	Inertia	L: Light inertia M:Medium inertia H:Heavy inertia
④	Rated power (W)	A: X1 B: X10 C: X100 D: X1000 E: X10000 Eg: 40B means 40*10-400W, 55C means 55*100=5500W
⑤	Rated speed (rpm)	A: X1 B: X10 C: X100 D: X1000 E: X10000 Eg: 30C means 30*100=3000rpm
⑥	Rated voltage (V)	2:220 4:380
⑦	Encoder type	N: without P: optical M: magnetic R: resolver 3:17bits single-turn 4:17bits multi-turn 9: 23bits multi-turn
⑧	Seal&brake	0: with oil seal and no brake(standard omission) 1: without oil seal and no brake 2: with oil seal and permanent magnet brake 3: without oil seal and permanent magnet brake 4: with oil seal and electromagnet brake 5: without oil seal and electromagnet brake
⑨	Cooling	N: Nature cooling(Default omission) F: Fan cooling

Servo motor technical parameters

Motor specification (2500-PPR/multi-turn absolute/resolver)

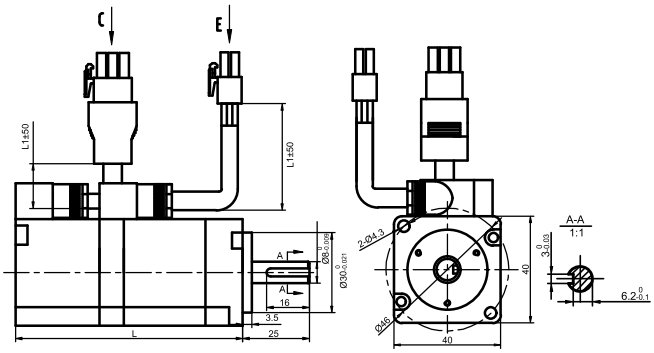
Flange (mm)	Motor model	Rated power (kW)	Rated torque (Nm)	Max torque Nm	Rated speed (rpm)	Max. speed (rpm)	Voltage (V)	Rated current(A) 220V/ (380V)	Initial 10-4kg·m2 without brake/with brake	Shaft extension/ Shaft diameter mm	Bond width mm
40	IMS20A-04L10B30C-2-***	0.1	0.3	1.1	3000	6000	220	1.8	0.066/0.067	25/8	3
60	IMS20A-06M20B30C-2-***	0.2	0.64	1.92	3000	6000	220	1.8	0.32/0.37	30/14	5
60	IMS20A-06M40B30C-2-***	0.4	1.27	3.82	3000	6000	220	3	0.68/0.73	30/14	5
80	IMS20A-08M75B30C-2-***	0.75	2.4	7.2	3000	5500	220	4.8	1.72/1.77	35/19	6
80	IMS20A-08M10C25C-2-***	1	3.6	11.4	2500	3000	220	4.8	2.15/2.4	35/19	6
100	IMS20A-10M10C30C-2(4)-***	2	3.2	9.6	3000	5000	220(380)	7/3.9	2.43	45/24	8
100	IMS20A-10M15C30C-2(4)-***	1.5	4.9	14.7	3000	5000	220(380)	8.5/5.1	3.503	45/24	8
100	IMS20A-10M20C30C-4-***	2	5.4	19.2	3000	5000	380	6.6	4.49	45/24	8
130	IMS20A-13M10C20C-2(4)-***-A1	1	4. 78	14.4	2000	3000	220(380)	5.5/3	6.3/7.95	57/22	8
130	IMS20A-13M15C20C-2(4)-***-A1	1.5	7.16	21.4	2000	3000	220(380)	7.6/4.5	9.23/11.13	57/22	8
130	IMS20A-13M20C20C-2(4)-***-A1	2	9.55	28.6	2000	3000	220(380)	9.5/5	12.15/14.05	57/22	8
130	IMS20A-13M30C20C-4-***-A1	3	14.3	42	2000	3000	380	13.6/8	18/19.9	57/22	8
130	IMS20A-13H85B15C-2(4)-***-A	0.85	5.4	14.2	1500	3000	220(380)	6/3.5	13.4/14.1	57/22	8
130	IMS20A-13H13C15C-2(4)-***-A	1.3	8.4	22.8	1500	3000	220(380)	10/5	17.9/19.1	57/22	8
130	IMS20A-13H18C15C-2(4)-***-A	1.8	11.5	28.6	1500	3000	220(380)	14/8	24.3/25.6	57/22	8
180	IMS20A-18M30C15C-4-***	3	19	48	1500	3300	380	10	65.4/69.7	79/35	10
180	IMS20A-18M44C15C-4-***	4.4	28	70	1500	3300	380	14.3	85.9/90.2	79/35	10
180	IMS20A-18M55C15C-4-***	5.5	35	87.5	1500	3300	380	19	106.2/110.5	113/42	12
180	IMS20A-18M75C15C-4-***	7.5	48	130	1500	3000	380	22.5	133/137.3	113/42	12
1. Voltage difference in Model: -2 means 220V,-4 means 400V 2.-*** can be defined as encoder type&brake type:-M3 means 17bits magnetic encoder ,-M34 means 17bits magnetic encoder&electromagnetic brake;-P9 means 23bits optical multi-turn encoder,-P94 means 23bits optical multi-turn encoder&electromagnetic brake											
200	IMS20A-20M11D18C-4-***F	11	59	147	1800	2500	380	29	86.3	82/42	12
200	IMS20A-20M16D20C-4-***F	16	77	192	2000	2500	380	34	98.5	82/42	12
200	IMS20A-20M18D18C-4-***F	18	95	237	1800	2500	380	34.6	144	82/42	12
200	IMS20A-20M25D18C-4-***F	25	133	330	1800	2500	380	52	182	82/42	12
263	IMS20A-26M41D20C-4-***F	41	195	485	2000	2500	380	84.8	370	110/48	14
263	IMS20A-26M48D20C-4-***F	48	230	575	2000	2500	380	104	426	110/48	14
263	IMS20A-26M56D20C-4-***F	56	265	660	2000	2500	380	115	523	110/48	14
263	IMS20A-26M64D20C-4-***F	64	306	765	2000	2500	380	130	606	110/48	14
1.-***can be defined as encoder type,cooling type&brake type:-R7 means resolver;-P94F means 23bits optical multi-turn encoder,electromagnetic brake&Fan cooling											

Servo motor installation dimensions

Base-40 motor outline dimensions (unit: mm)

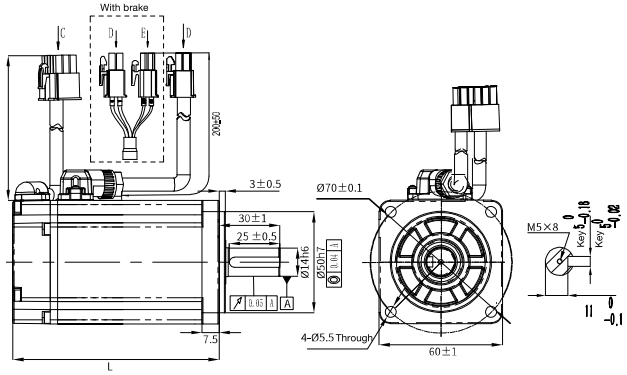
Note: Motor structure dimensions may vary with design modification. If you are sensitive to motor dimensions, contact sales staff before ordering.

Motor model 2500-PPR/Multiturn absolute/ Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-04L10B30C-2-***	84.8	124



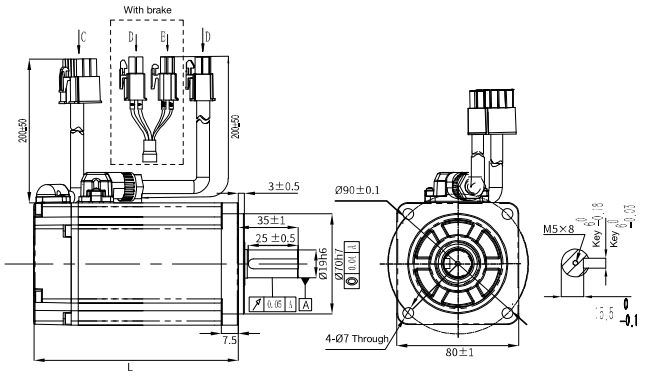
Base-60 motor outline dimensions (unit: mm)

Motor model 2500-PPR/Multiturn absolute/ Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-06M20B30C-2-***	87	110.5
IMS20A-06M40B30C-2-***	107	130.5



Base-80 motor outline dimensions (unit: mm)

Motor model 2500-PPR/Multiturn absolute/ Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-08M75B30C-2-***	119	143.5
IMS20A-08M10C25C-2-***	153	154

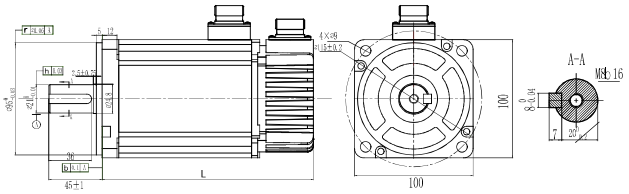


Servo motor installation dimensions

Note: Motor structure dimensions may vary with design modification. If you are sensitive to motor dimensions, contact sales staff before ordering.

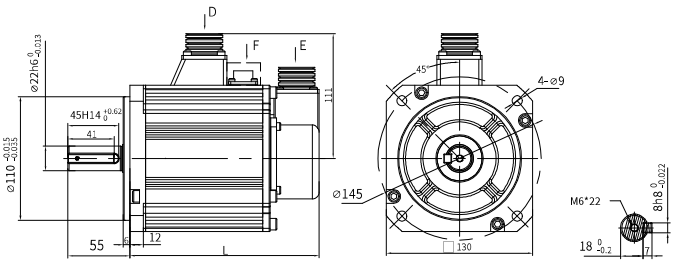
Base-100 motor outline dimensions (unit: mm)

Motor model Magnetic,optical absolute/Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-10M10C30C-2(4)-**	154	194
IMS20A-10M15C30C-2(4)-***	178	218
IMS20A-10M20C30C-4-***	200	240



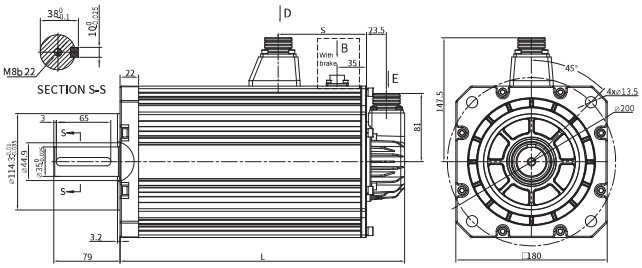
Base-130 motor outline dimensions (unit: mm)

Motor model Magnetic,optical absolute/Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-13M10C20C-2(4)-***-A1	138.5	168.2
IMS20A-13M15C20C-2(4)-***-A1	151.5	181.2
IMS20A-13M20C20C-2(4)-***-A1	168.5	198.2
IMS20A-13M30C20C-2(4)-***-A1	210.5	240.2
IMS20A-13H85B15C-2(4)-***-A	143	173
IMS20A-13H13C15C-2(4)-***-A	160	190
IMS20A-13H18C15C-2(4)-***-A	185	215



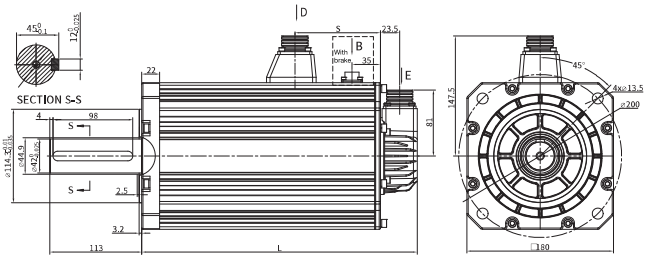
Base-180 motor outline dimensions (unit: mm)

Motor model Magnetic,optical absolute/Resolver		L(mm)	
		Without brake	With EM brake
180 flange motor A type axies	IMS20A-18M30C15C-4-***	233	306
	IMS20A-18M44C15C-4-***	263	336
180 flange motor B type axies	IMS20A-18M55C15C-4-***	293	366
	IMS20A-18M75C15C-4-***	348	421



180 flange motor A type axies

IMS20A-18M30C15C-4-***
IMS20A-18M44C15C-4-***

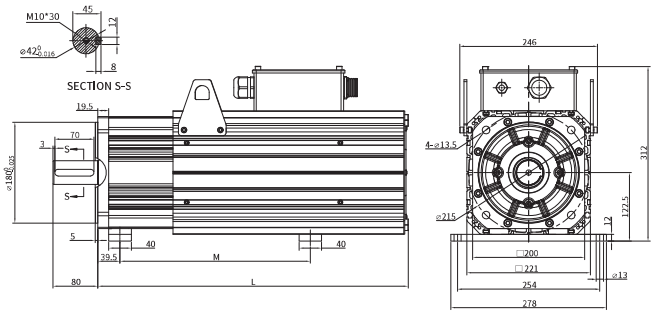


180 flange motor B type axies

IMS20A-18M55C15C-4-***
IMS20A-18M75C15C-4-***

Base-200 motor outline dimensions (unit: mm)

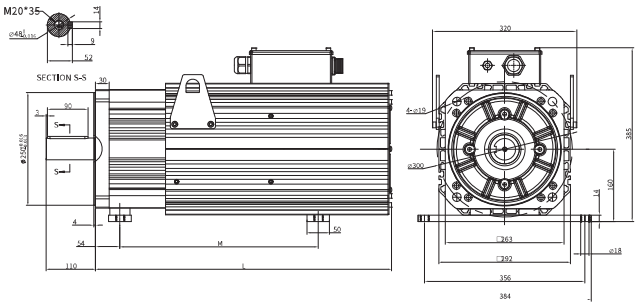
Motor model Magnetic,optical absolute/Resolver	L(mm)	
	Without brake	With EM brake
IMS20A-20M11D18C-4-***	379	515
IMS20A-20M16D20C-4-***	414	550
IMS20A-20M18D18C-4-***	484	638
IMS20A-20M25D18C-4-***	554	692

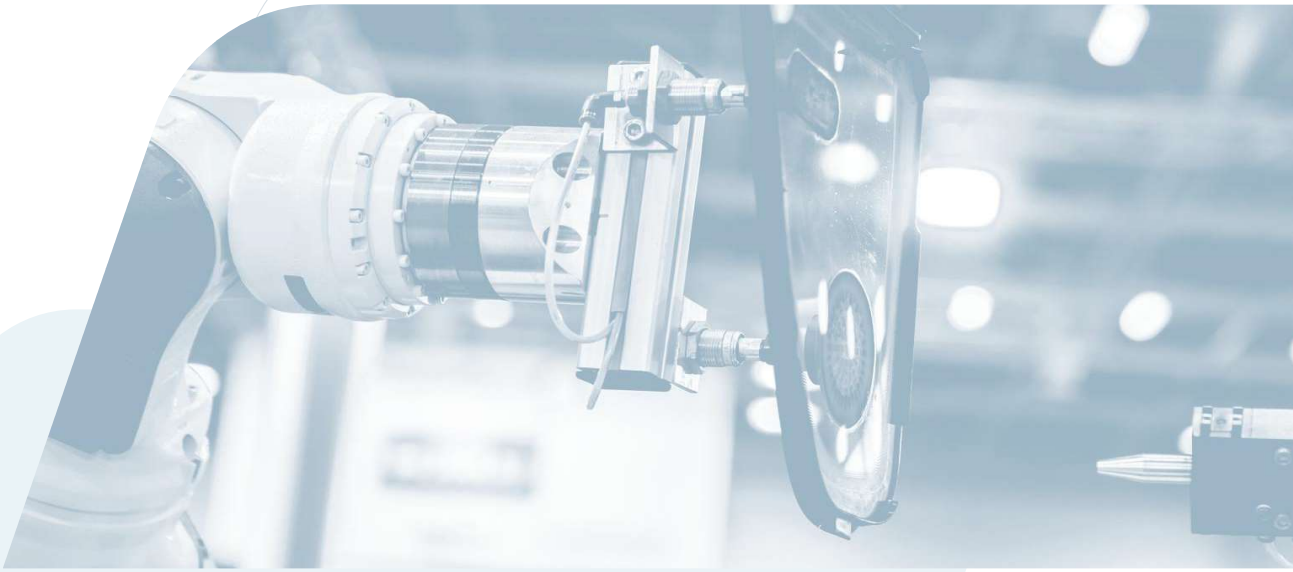


The lenth of M could be adjusted within the range of L.

Base-263 motor outline dimensions (unit: mm)

Motor model 2500-PPR/Multiturn absolute/ Resolver	L(mm)
	Without brake
IMS20A-26M41D20C-4-***	537
IMS20A-26M48D20C-4-***	537
IMS20A-26M56D20C-4-***	617
IMS20A-26M64D20C-4-***	657



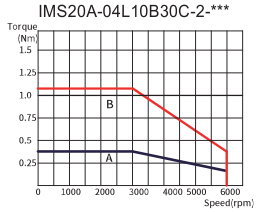


Servo motor torque-speed characteristic

Note: A is a continous working area; B is a short-time working area.

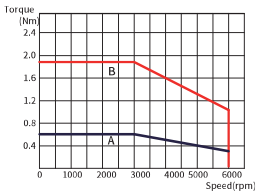
Base-40 motor

IMS20A-04L10B30C-2-***



Base-60 motor

IMS20A-06M20B30C-2-***



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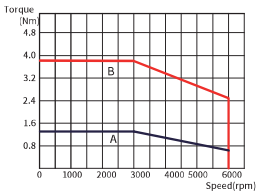
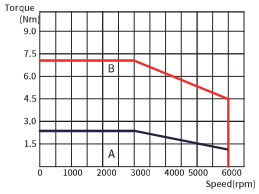
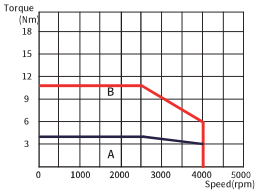


Base-80 motor

IMS20A-08M75B30C-2-***

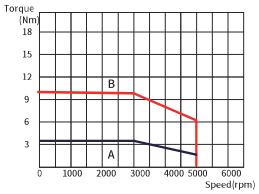


IMS20A-08M10C25C-2-***



Base-100 motor

IMS20A-10M10C30C-2(4)-***



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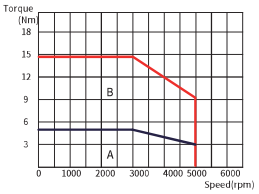

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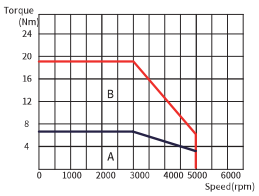

Base-130 motor

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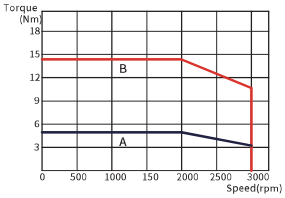

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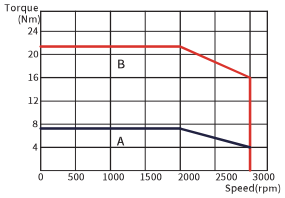

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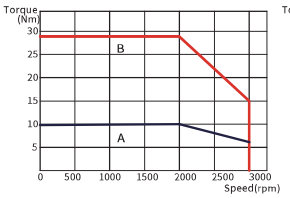

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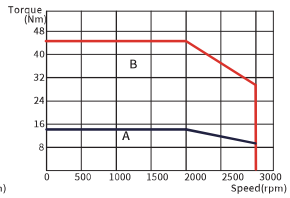

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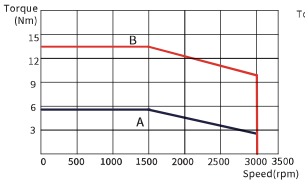

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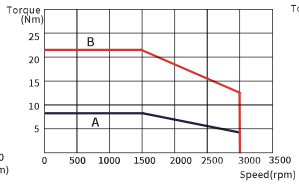

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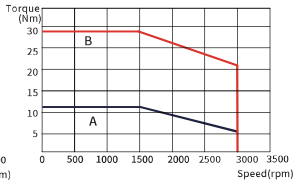
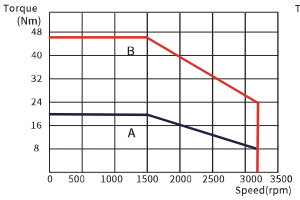


Base-180 motor

IMS20A-18M30C15C-4-***



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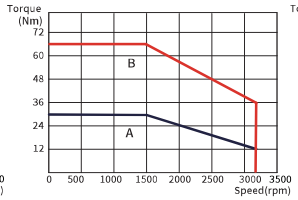

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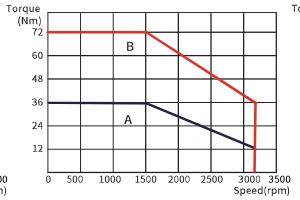

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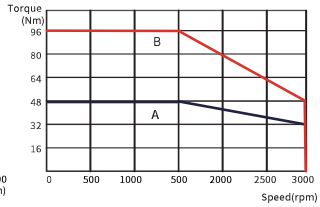

Base-200/263 motor

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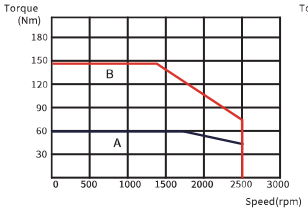

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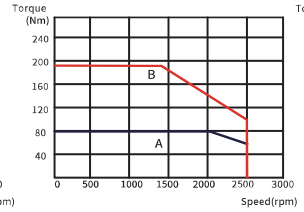

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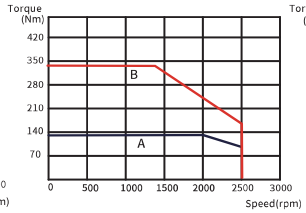

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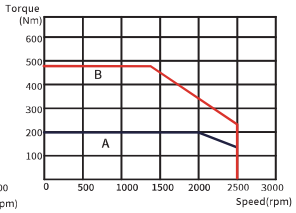

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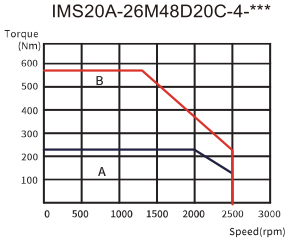
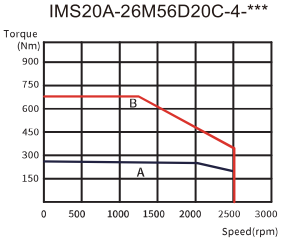
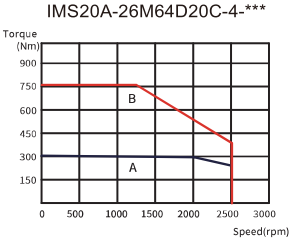


IMS20A-26M56D20C-4-***



IMS20A-26M64D20C-4-***



Servo motor power cable models

Power cable

DA ML-050-03-A F 0-00
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Power cable accessories

DA ML - A F
① ② ⑤ ⑥

①

Symbol	Supporting series
DA	Manufacturer no.

②

Symbol	Cable type
ML	Power cable

③

Symbol	Cable diameter
050	0.5 mm^2
100	1.0 mm^2
250	2.5 mm^2
600	6.0 mm^2
10R	10 mm^2
16R	16 mm^2
25R	25 mm^2

④

Symbol	Cable length
03	3m
05	5m
10	10m
…	Other

⑤

Symbol	Motor end plug
A	4PIN plastic plug
B	4PIN regular aviation plug YD28
N	Regular aviation plug YD32
S	Copper tube terminal SC

⑥

Symbol	Drive end plug
F	Tube-type terminal
W	Fork-type terminal
S	Copper tube terminal SC

⑦

Symbol	Cable material
0	Regular cable
A	Shielded regular cable
B	Shielded flexible towline cable
F	Flexible towline cable

⑧

Symbol	Lot no.
00	Standard product
…	Other

Brake cable

BRKL - 03 - A
① ② ③

①

Symbol	Product series
BRKL	Motor brake cable

②

Symbol	Cable length
03	3m
…	Other

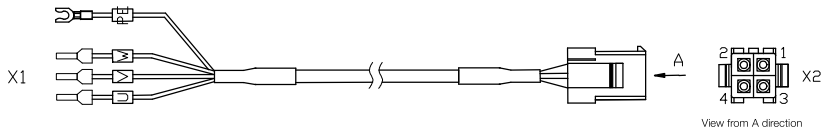
③

Symbol	Motor end plug
A	2PIN metal plug
B	3PIN regular aviation plug
C	3PIN metal plug
D	2PIN plastic plug

Remark: Brake plug in motor package

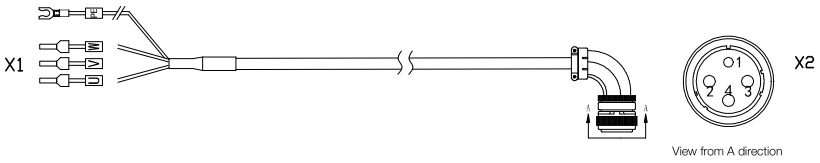
Servo motor power cable wiring

Power cable for base 40/60/80, 100W–1kW motor



Wiring relation			
Signal	X1	X2	Color of core cable
W	Tube-type terminal	X2.3	Red
V	Tube-type terminal	X2.1	green
U	Tube-type terminal	X2.2	Yellow
PE	Fork-type terminal	X2.4	Yellow/ green

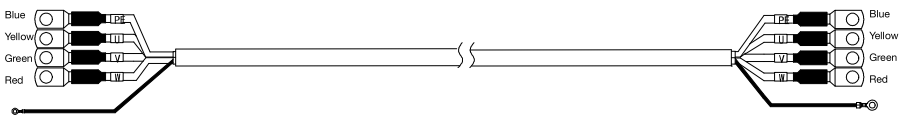
Power cable for base 100/130/180, 1~2kW(220V)/0.85~7.5kW(380V)motor



Wiring relation			
Signal	X1	X2	Color of core cable
W	Tube-type terminal	X2.4	Red
V	Tube-type terminal	X2.3	green
U	Tube-type terminal	X2.2	Yellow
PE	Fork-type terminal	X2.1	Yellow/ green

Remark: (X2 side)100,130 flange motor use plug type YD28,180 flange motor use plug type YD32.

Power cable for base 200/263, 11kW–55kW (380V) motor



Servo motor encoder cable models

Encoder cable

DB EL - 04 - 03 - B 0 - 04 00
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

Encoder cable accessories

DB EL-A B
① ② ⑨ ⑤

①

Symbol	Symbol
DB	Manufacturer no.

②

Symbol	Cable type
EL	Encoder cable

③

Symbol	Number of cable cores
04	4
06	6

④

Symbol	Cable length
03	3m
05	5m
10	10m
...	Other

⑤

Symbol	Motor end plug
B	15PIN regular aviation plug YD28
D	9PIN plastic plug

⑥

Symbol	Cable material
0	Regular cable
D	Regular cable with battery holder
F	Flexible towline cable
H	Flexible towline cable with battery holder

⑦

Symbol	Encoder type
04	Absolute
07	Resolver

⑧

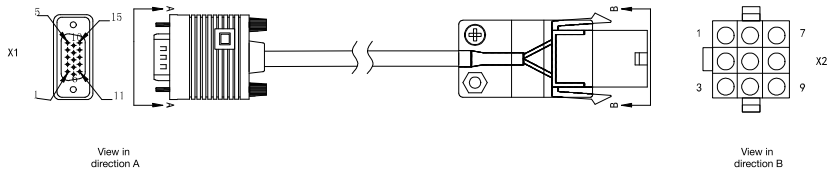
Symbol	Lot no.
00	Standard part
...	Other

⑨

Symbol	Drive end plug
A	15PIN DB plug

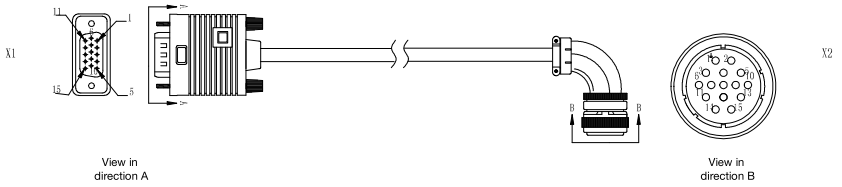
Servo motor encoder cable wiring

Cable for magnetic & optical abs encoder used by flange 40/60/80 motor



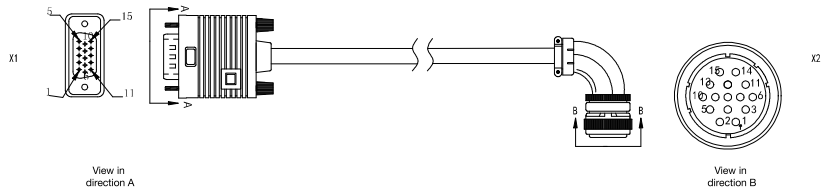
Wiring relation			
Signal	X1	X2	Core cable structure
SD+	X1.1	X2.1	Twisted pair
SD-	X1.7	X2.2	
5V	X1.5	X2.6	Twisted pair
GND	X1.12	X2.7	
VB+	/	X2.3	Twisted pair
VB-	/	X2.8	
PE	Metal shell	X2.9	Woven

Cable for magnetic & optical abs encoder used by flange 100/130/180/200/263 motor



Wiring relation			
Signal	X1	X2	Core cable structure
SD+	X1.1	X2.2	Twisted pair
SD-	X1.7	X2.3	
5V	X1.5	X2.4	Twisted pair
GND	X1.12	X2.5	
VB+	/	X2.6	Twisted pair
VB-	/	X2.7	
PE	Metal shell	X2.1	Woven

Cable for resolver encoder used by flange 200/263 motor



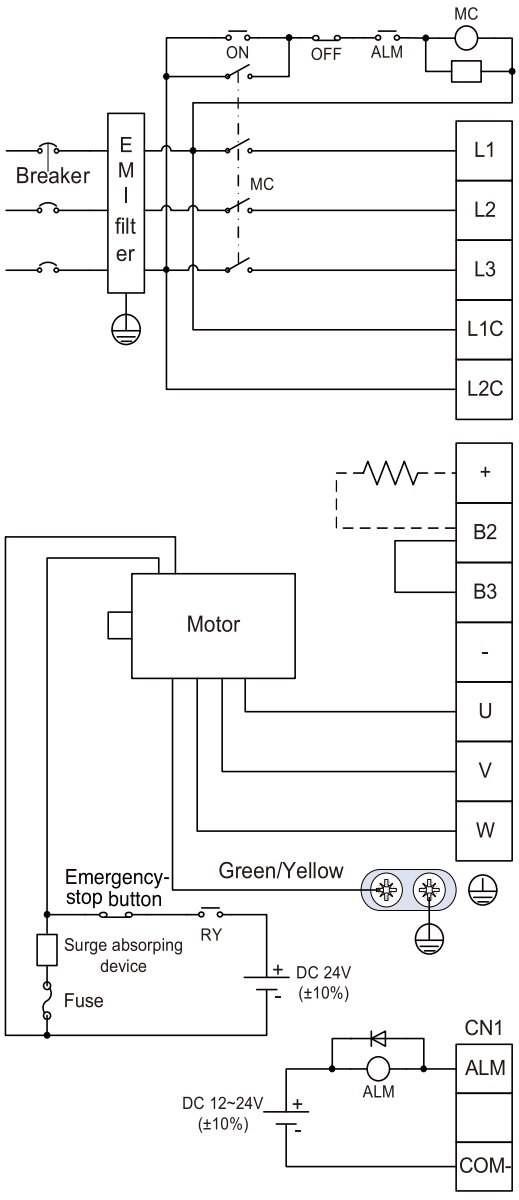
Wiring relation			
Signal	X1	X2	Core cable structure
SIN+	X1.1	X2.6	Twisted pair
SIN-	X1.7	X2.7	
COS+	X1.2	X2.5	Twisted pair
COS-	X1.8	X2.4	
R+	X1.5	X2.2	Twisted pair
R-	X1.12	X2.3	
PE	Metal shell	X2.1	Woven

Connection ports

Note: Standard-type examples

Medium power range: 100W–5.5kW

Wiring diagram of main circuit terminal



- The user is required to make this emergency stop protection circuit.
- Add surge absorbing devices on both ends of the electromagnetic contactor winding.
- Input voltage range of 400V system: AC 380V(-15%)~440V(+10%)

- It is necessary to connect external regenerative brake resistor between terminal (+) and PB

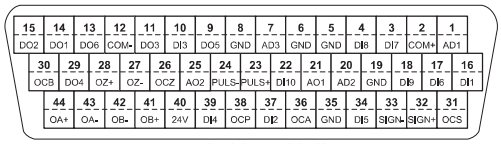
- Connect output U, V and W to the drive according to the motor cable phase sequence of servo motor, wrong phase sequence will cause drive fault

- Be sure to ground the servo drive to avoid accident of electrical shock.

- The electromagnetic brake uses 24V power supply which should be provided by the user. Moreover, it must be isolated from the DC12-24V power supply which is used by the control signal.
- Pay attention to the connection of the freewheeling diode. Reversed polarity may damage the drive.

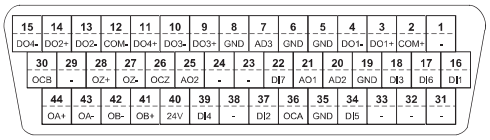
CN1

Applicable to the standard (pulse) type



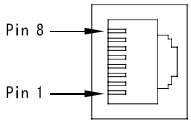
CN1 plug pin layout and signal layout

Applicable to EtherCAT and PROFINET bus communication



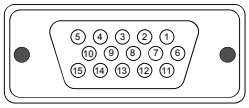
EtherCAT/PROFINET/PROFIdrive CN1 plug pin layout and signal layout

CN3



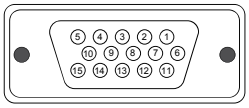
CN3 terminal function			
Pin	Name	Function	Remark
1	GND_CAN	CAN chip power GND	See the table on the left for definition if used as 485/CAN; 485 and CAN use the same interface and each signal has two pins for multiple net-working.
2	GND_485	485 chip power GND	
3	/	/	
4	RS485+	RS485 data+	
5	RS485-	RS485 data	
6	/	/	
7	CAN_L	CAN data -	
8	CAN_H	CAN data+	

CN2

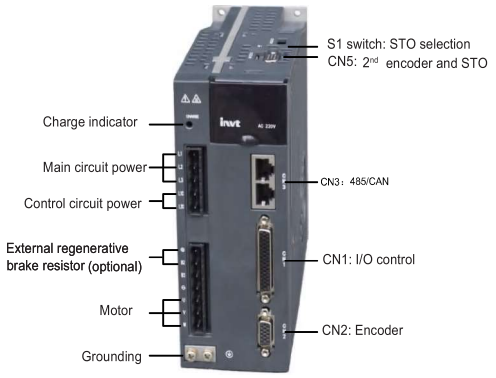


CN2 terminal function			
Pin	Name	Function	Remark
1	V+/ SD+	Parallel encoder V+/Serial encoder data+	Different encoders use different cables
2	W+	Signal of parallel encoder W+	
3	A+	Signal of parallel encoder A+	
4	A-	Signal of parallel encoder A -	
5	5V	Encoder power supply	
6	U+	Signal of parallel encoder U+	
7	V- /SD-	Parallel encoder V-/Serial encoder data -	
8	W-	Signal of parallel encoder W-	
9	B-	Signal of parallel encoder B-	
10	B+	Signal of parallel encoder B+	
11	U-	Signal of parallel encoder U-	
12	GND	Power ground	
13	Z-	Signal of parallel encoder Z -	
14	Z+	Signal of parallel encoder Z+	
15	/	/	

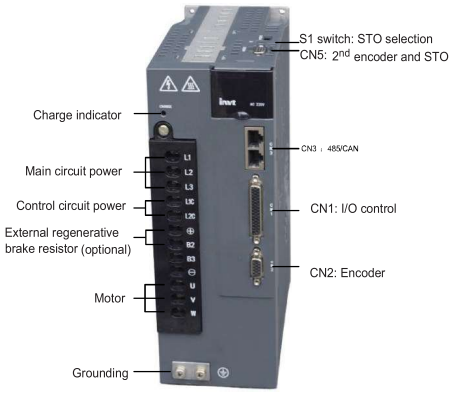
CN5



CN5 terminal function			
Pin	Name	Function	Remark
1	HWBB1+	Safety input 1+	Connect to grating ruler or 2nd encoder
2	HWBB2+	Safety input 2+	
3	EXA+	Grating ruler (or 2nd encoder) A+	
4	EXA-	Grating ruler (or 2nd encoder) A-	
5	EX5V	Power+5V	
6	EDM+	Safety monitoring output+	
7	HWBB1-	Safety input 1-	
8	HWBB2-	Safety input 2-	
9	EXB-	Grating ruler (or 2nd encoder) B-	
10	EXB+	Grating ruler (or 2nd encoder) B+	
11	EDM-	Safety monitoring output-	
12	EX0V	Power GND, connect to internal GND	
13	EXZ-	Grating ruler (or 2nd encoder) Z-	
14	EXZ+	Grating ruler (or 2nd encoder) Z+	
15	/	/	



Frame sizes A, B, and C are the same in ports.
Frame size B is taken for example.



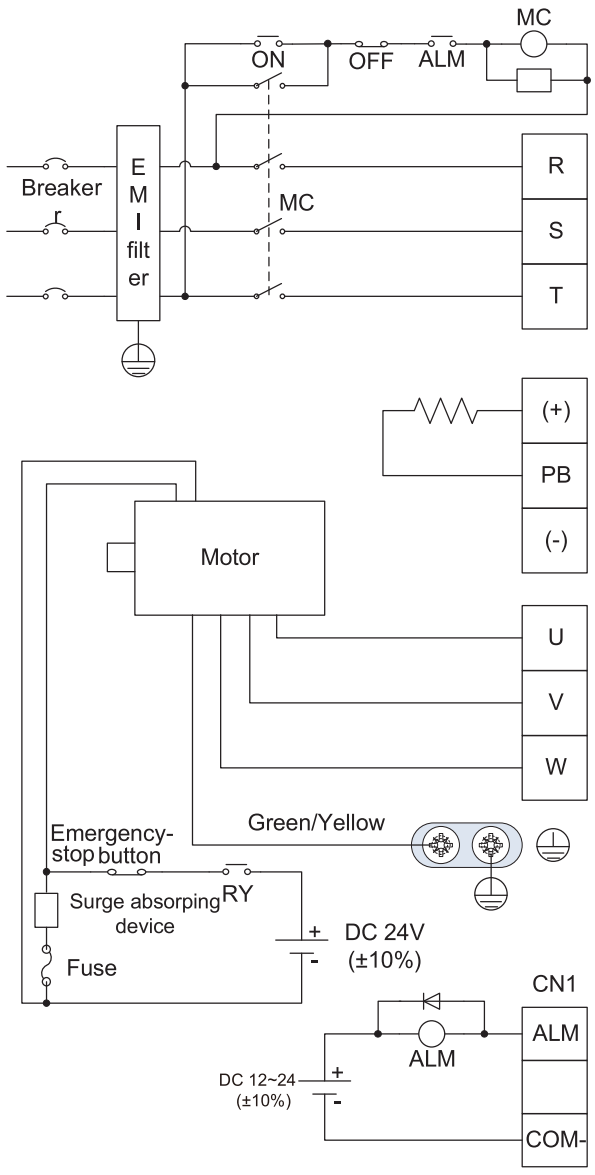
Frame size D

Connection ports

Note: Standard-type examples

Medium power range: 7.5kW–55kW

Wiring diagram of main circuit terminal



- The user is required to make this emergency stop protection circuit.
- Add surge absorbing devices on both ends of the electromagnetic contactor winding.
- Input voltage range of 400V system: AC 380V(-15%)~440V(+10%)

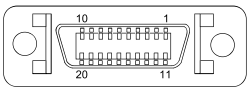
- It is necessary to connect external regenerative brake resistor between terminal (+) and PB

- Connect output U, V and W to the drive according to the motor cable phase sequence of servo motor, wrong phase sequence will cause drive fault

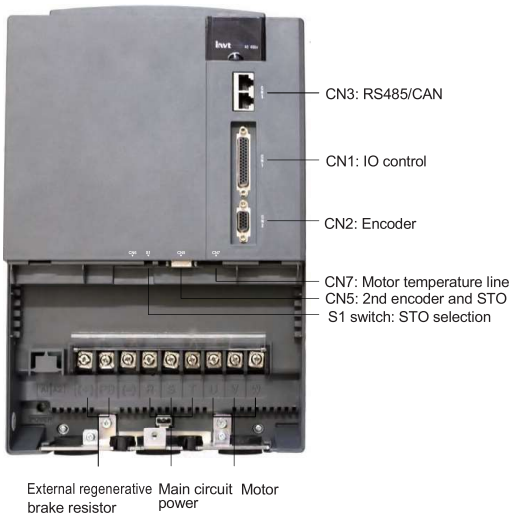
- Be sure to ground the servo drive to avoid accident of electrical shock.

- The electromagnetic brake uses 24V power supply which should be provided by the user. Moreover, it must be isolated from the DC12-24V power supply which is used by the control signal.
- Pay attention to the connection of the freewheeling diode. Reversed polarity may damage the drive.

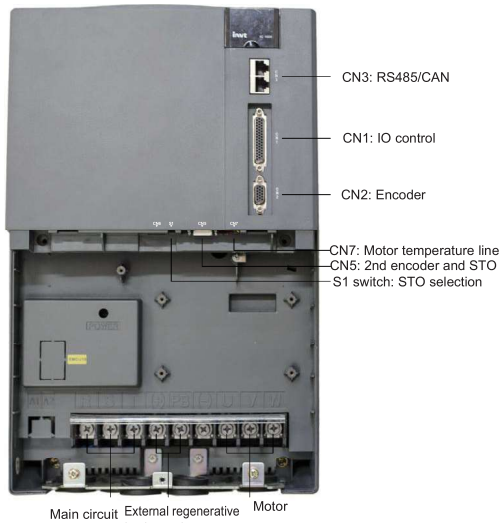
CN5



CN5 terminal function			
Pin	Name	Function	Remark
1	EXA+	Grating ruler (or 2nd encoder) A+	Connect to grating ruler or 2nd encoder
2	EXA-	Grating ruler (or 2nd encoder) A-	
3	EXB+	Grating ruler (or 2nd encoder) B+	
4	EXB-	Grating ruler (or 2nd encoder) B-	
5	EXZ+	Grating ruler (or 2nd encoder) Z+	
6	EXZ-	Grating ruler (or 2nd encoder) Z-	
7、9	EX5V	Power+5V	
8、10	EX0V	Power GND, connect to internal GND	
11	HWBB1+	Safety input 1+	
12	HWBB1-	Safety input 1-	
13	EDM+	Safety monitoring output+	
14	EDM-	Safety monitoring output-	
15	HWBB2+	Safety input 2+	
16	HWBB2-	Safety input 2-	
17	OC_EXZ	Z phase open collector input	
18	OC_EXB	B phase open collector input	
19	OC_EXA	A phase open collector input	
20	-	Unused	



Frame size F



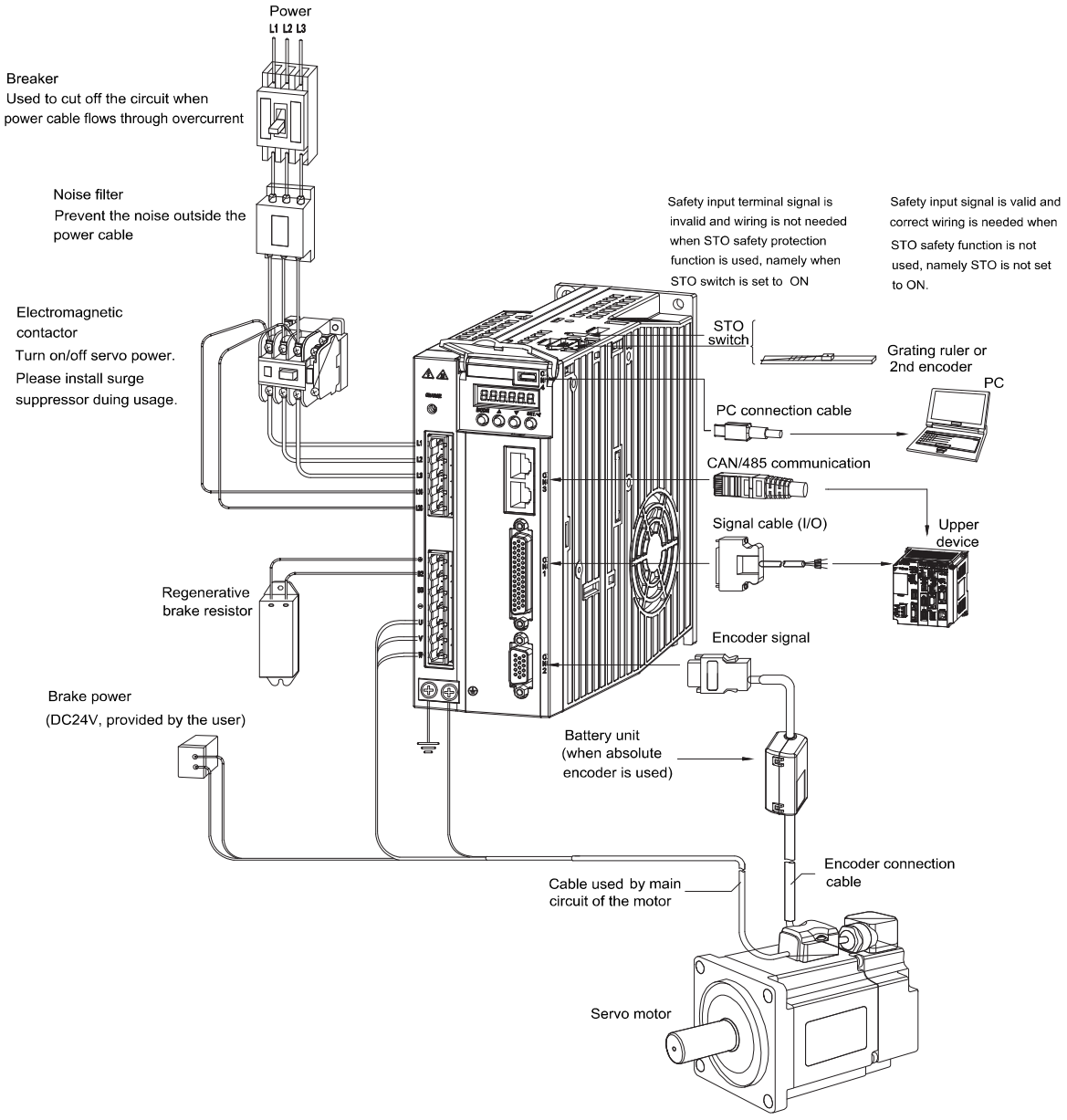
Frame size F2

Frame size G

Remarks : The definitions of terminals CN1, CN2 and CN3 are the same for the small power models.

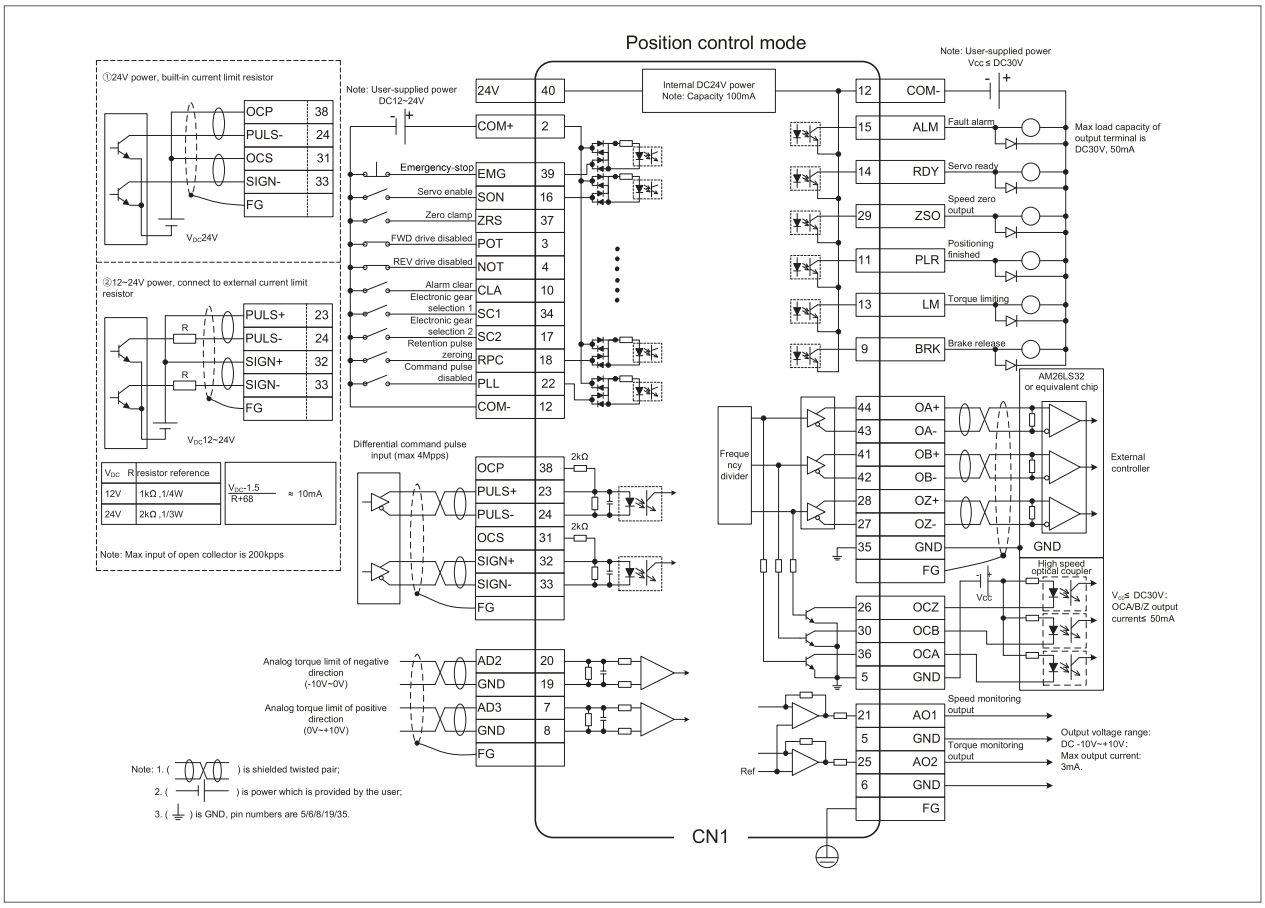
System wiring

Frame size B is taken for example.

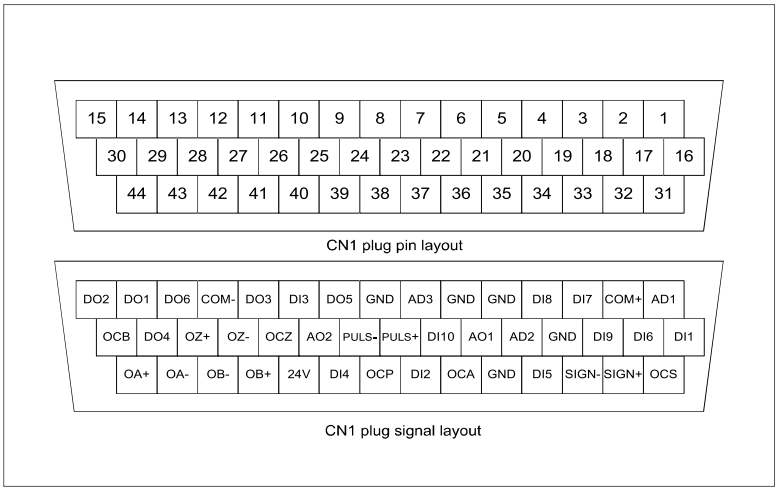


Standard wiring diagram

Wiring diagram of position mode (suitable for pulse input control)

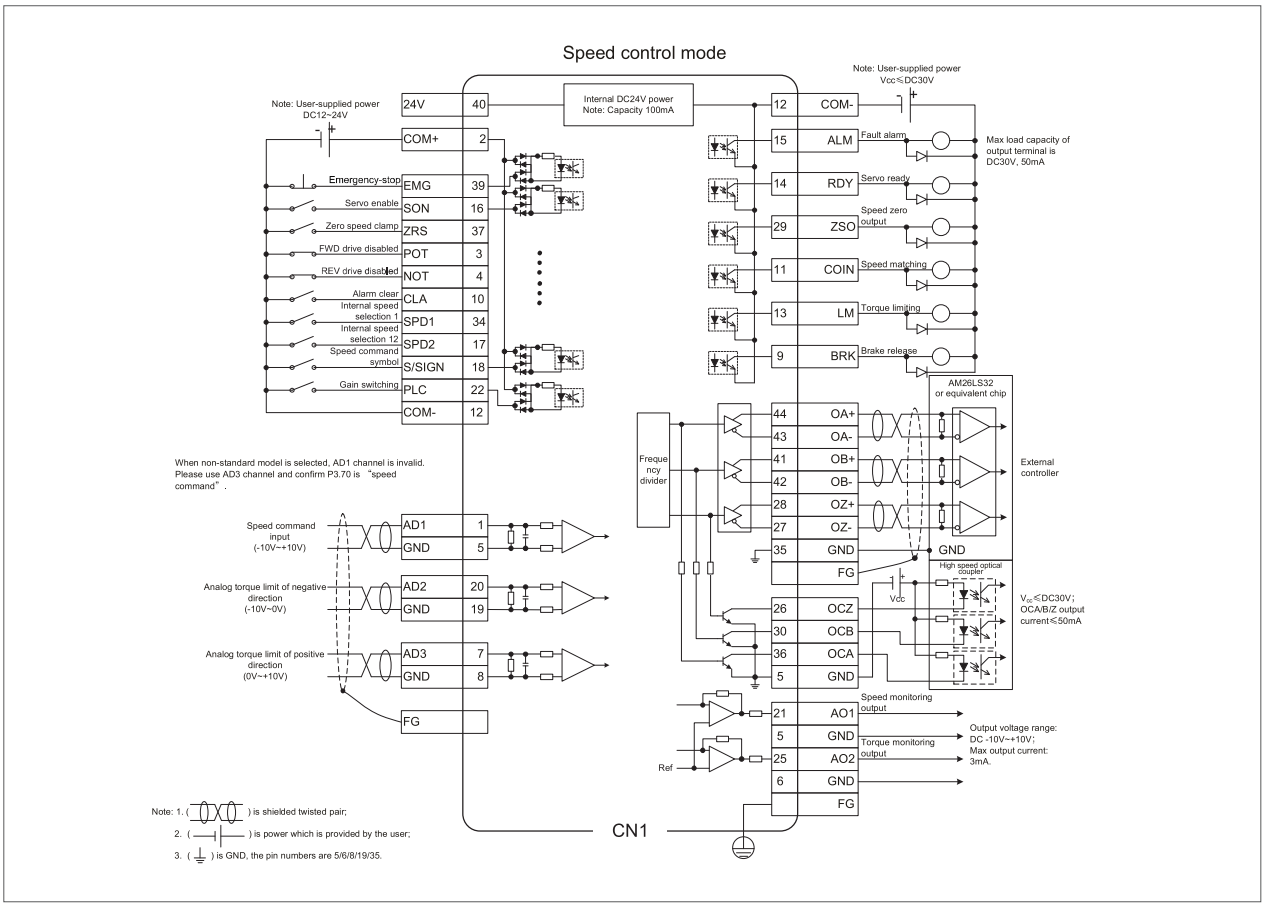


CN1

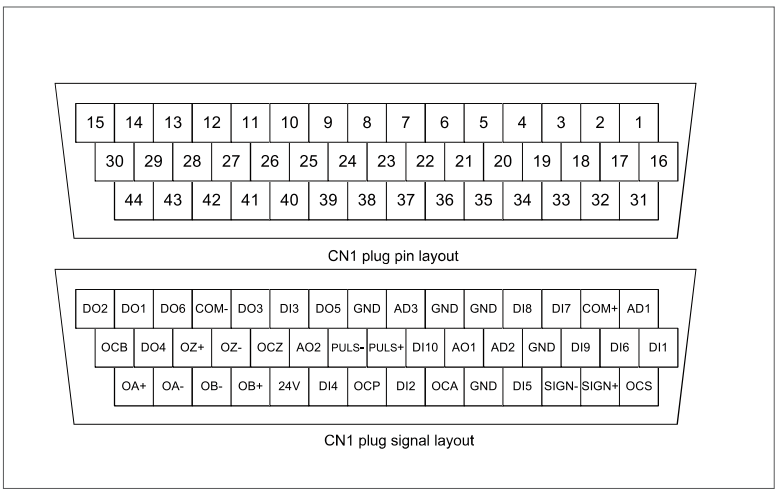


Standard wiring diagram

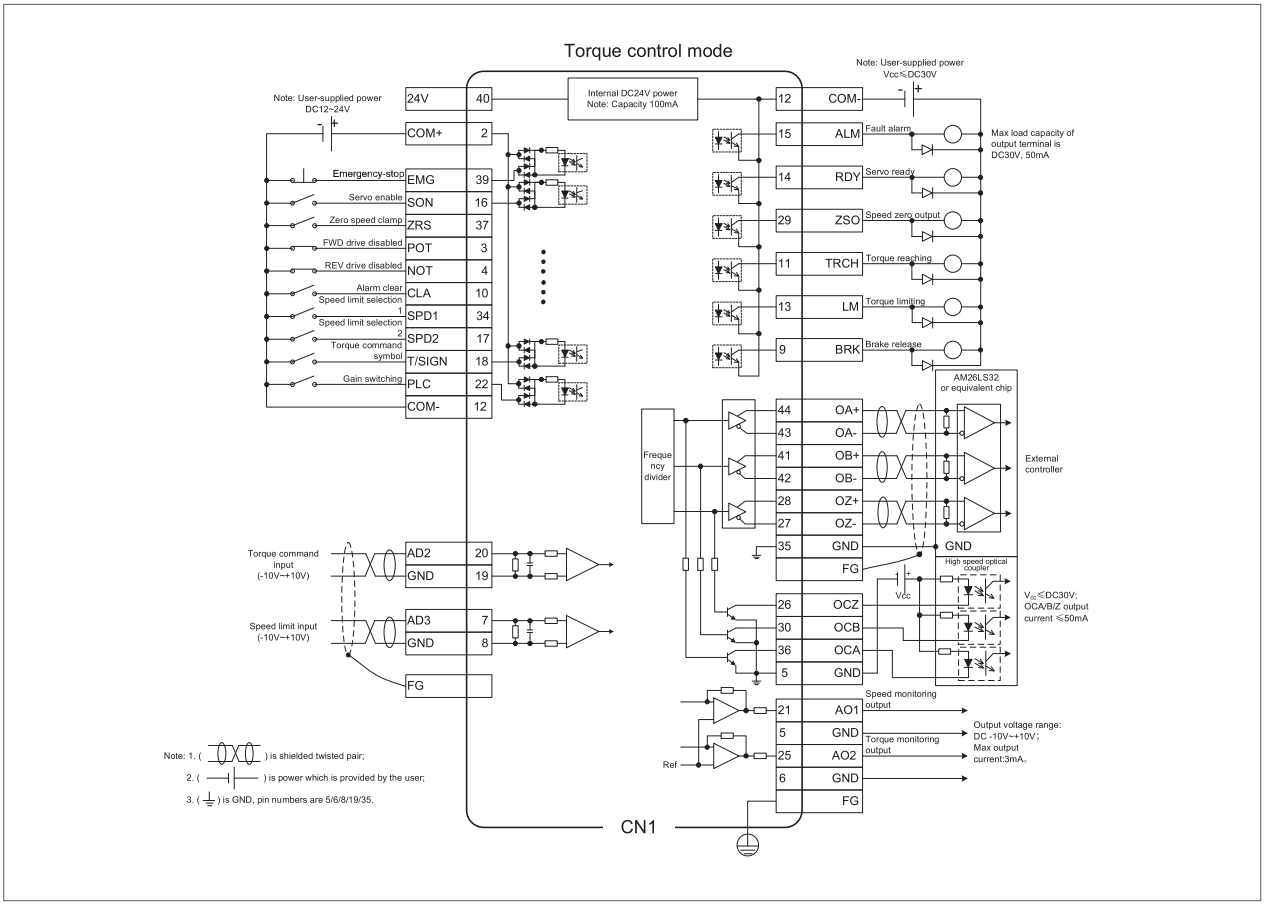
Wiring diagram of speed mode (suitable for analog input control)



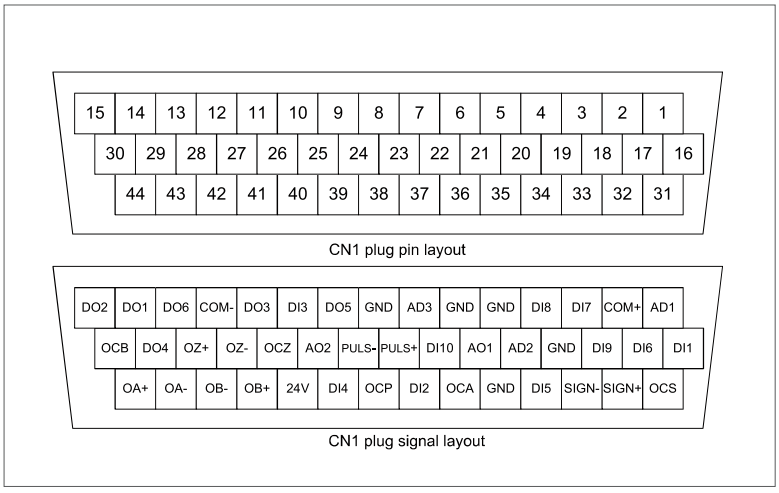
CN1



Wiring diagram of torque mode (suitable for analog input control)



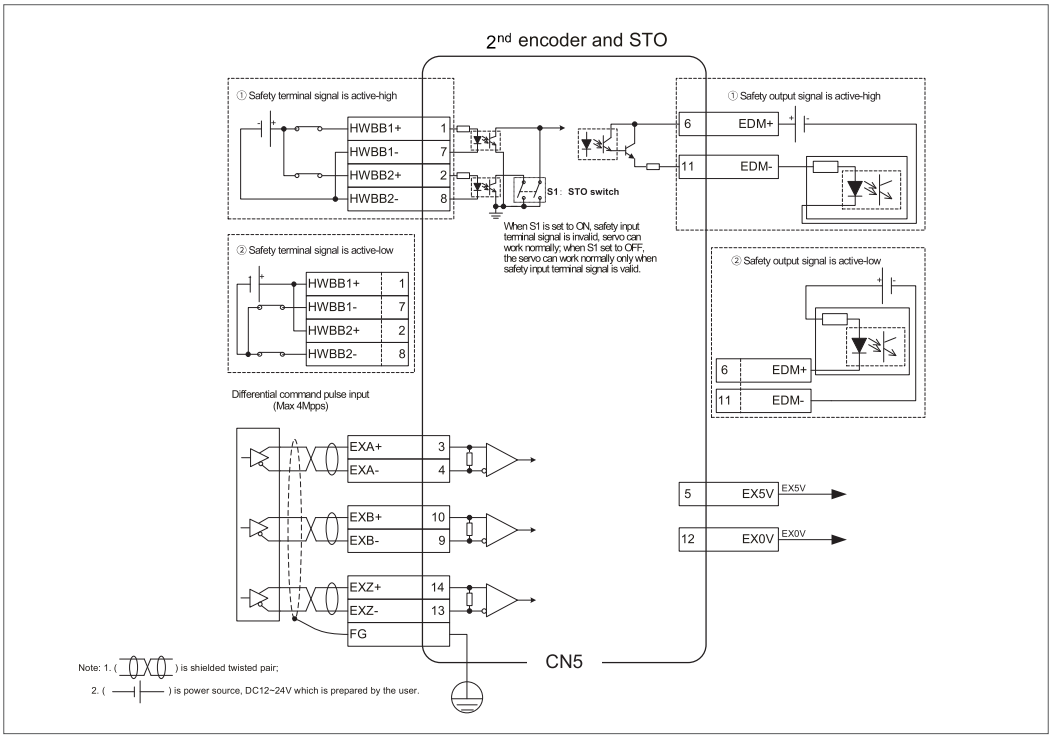
CN1



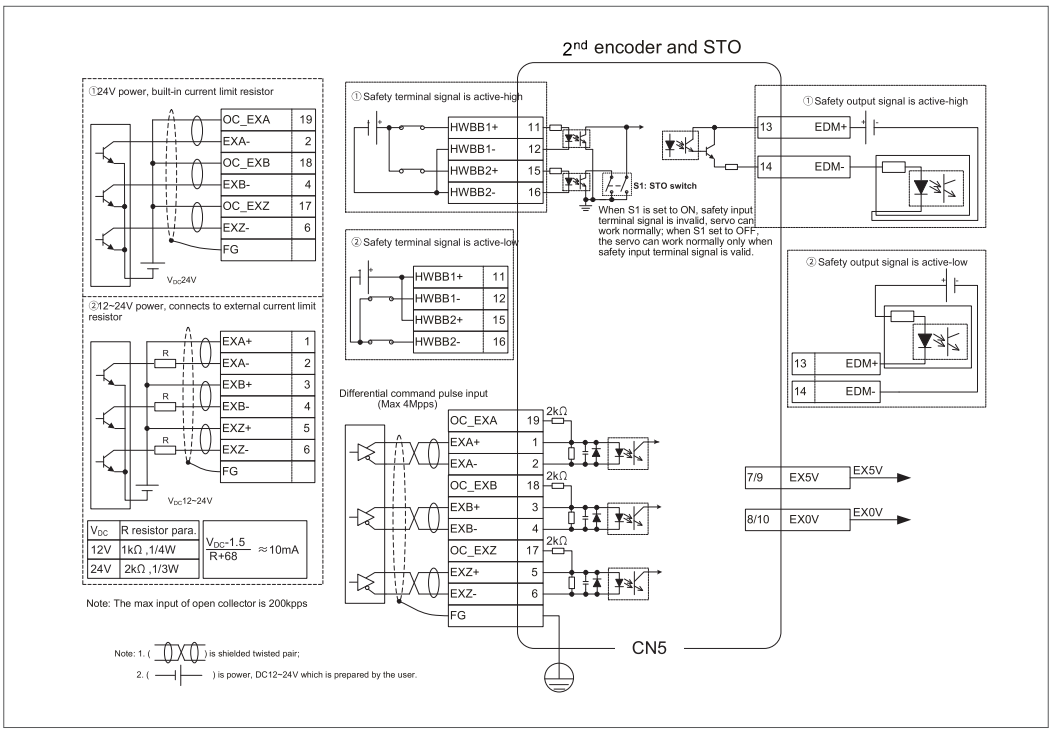
Standard wiring diagram

2nd encoder and STO wiring diagram

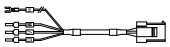
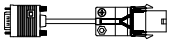
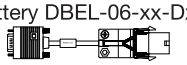
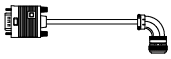
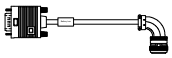
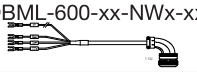
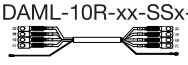
Small power range: 100W–5.5kW



Medium power range: 7.5kW–55kW



Ordering guide for servo system

Model	DA200 series	Rated current(A)	Power cable	Encoder cable
IMS20A-04L10B30C-2-***	SV-DA200-0R2-2-**	1.8	DAML-050-xx-AFx-xx 	Magnetic & optical abs encoder DBEL-04-xx-Dx-04xx  Magnetic & optical abs encoder with battery DBEL-06-xx-Dx-04xx 
IMS20A-06M20B30C-2-***	SV-DA200-0R2-2-**	1.8		
IMS20A-06M40B30C-2-***	SV-DA200-0R4-2-**	3.3		
IMS20A-08M75B30C-2-***	SV-DA200-0R7-2-**	4.5		
IMS20A-08M10C25C-2-***	SV-DA200-1R0-2-**	5		
IMS20A-13M10C20C-2-***-A1	SV-DA200-1R0-2-**	5	DAML-100-xx-BFx-xx 	Magnetic & optical abs encoder DBEL-06-xx-Bx-04xx  Magnetic & optical abs encoder with batteryDBEL-06-xx-Bx-04xx  Resolver DBEL-06-xx-Bx-07xx 
IMS20A-10M10C30C-2-***	SV-DA200-1R5-2-**	7.6		
IMS20A-13M15C20C-2-***-A1	SV-DA200-1R5-2-**	7.6		
IMS20A-13H85B15C-2-***-A	SV-DA200-1R5-2-**	7.6		
IMS20A-10M15C30C-2-***	SV-DA200-2R0-2-**	10	DBML-250-xx-BWx-xx 	
IMS20A-13M20C20C-2-***-A1	SV-DA200-2R0-2-**	10		
IMS20A-13H13C15C-2-***-A	SV-DA200-2R0-2-**	10		
IMS20A-13H18C15C-2-***-A	SV-DA200-3R0-2-**	13		
IMS20A-13M30C20C-2-***-A1	SV-DA200-3R0-2-**	13	DAML-100-xx-BFx-xx 	
IMS20A-10M10C30C-4-***	SV-DA200-1R0-4-**	3.5		
IMS20A-10M15C30C-4-***	SV-DA200-1R5-4-**	4.5		
IMS20A-10M20C30C-4-***	SV-DA200-2R0-4-**	6.5		
IMS20A-13M10C20C-4-***-A1	SV-DA200-1R0-4-**	3.5		
IMS20A-13M15C20C-4-***-A1	SV-DA200-1R5-4-**	4.5		
IMS20A-13M20C20C-4-***-A1	SV-DA200-2R0-4-**	6.5		
IMS20A-13H85B15C-4-***-A	SV-DA200-1R5-4-**	4.5		
IMS20A-13H13C15C-4-***-A	SV-DA200-1R5-4-**	4.5		
IMS20A-13H18C15C-4-***-A	SV-DA200-2R0-4-**	6.5		
IMS20A-13M30C20C-4-***-A1	SV-DA200-3R0-4-**	8.5		
IMS20A-18M30C15C-4-***	SV-DA200-3R0-4-**	8.5	DBML-250-xx-NWx-xx 	
IMS20A-18M44C15C-4-***	SV-DA200-4R4-4-**	12		
IMS20A-18M55C15C-4-***	SV-DA200-5R5-4-**	16		
IMS20A-18M75C15C-4-***	SV-DA200-7R5-4-**	25	DBML-600-xx-NWx-xx 	
IMS20A-20M11D18C-4-***	SV-DA200-011-4-**	33	DAML-10R-xx-SSx-xx 	
IMS20A-20M16D20C-4-***	SV-DA200-011-4-**	33		
IMS20A-20M18D18C-4-***	SV-DA200-015-4-**	50	DAML-16R-xx-SSx-xx 	
IMS20A-20M25D18C-4-***	SV-DA200-022-4-**	66		
IMS20A-26M41D20C-4-***	SV-DA200-037-4-**	90	DAML-25R-xx-SSx-xx 	
IMS20A-26M48D20C-4-***	SV-DA200-045-4-**	112		
IMS20A-26M56D20C-4-***	SV-DA200-055-4-**	134		
IMS20A-26M64D20C-4-***	SV-DA200-055-4-**	134		

Remark: xx refer to page 27~30 ,cable manual

Other INVT industrial control products

PLC

- Complete categories for wide applications
- Abundant extension modules for easy function extension
- Support for various communication protocols, flexible networking
- Compact size for easy maintenance

Linear motor drive

- Support for magnetic pole alignment of linear motors without auxiliary signal
- Support for various grating and magnetic rulers
- Stronger torque output and quicker dynamic response, without intermediate drive
- Closed-loop feedback control on linear position detection, with high accuracy positioning in short time and high dynamic rigidity
- Parameter unit consistency in commissioning interface, without conversion
- Short ACC/DEC and high efficiency of drive, without travel limit

Motion controller

- Various motion controller cards
- All series motion controller
- Robot control system
- Customized digital control system

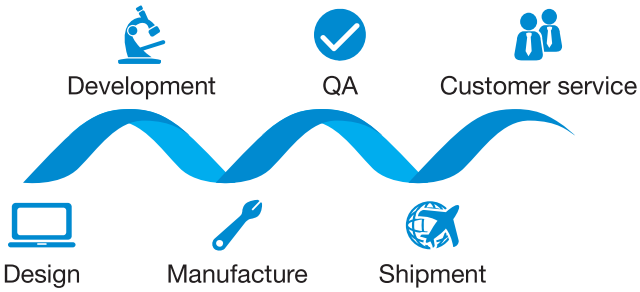
VFD

- The most comprehensive inverter lines in the industry, covering from low, medium to high voltage VFDs
- Customized products based on customer needs are available

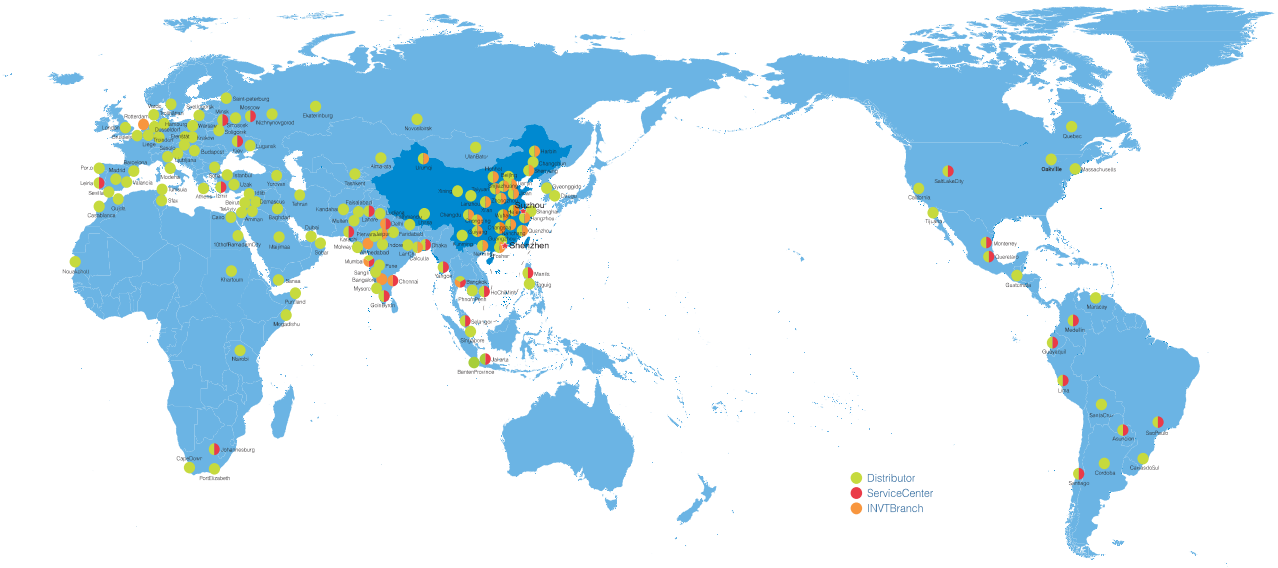
DL310 DC Low voltage servo drive

- It is widely used in logistics, textile and other special industries.

“One-stop” service



Service network



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