

 RoHS-Compliant

Inverter

FE100/FE200

A new inverter that enables speed control to be set easily with a built-in digital display.

The inverter parameters have been set exclusively for Oriental Motor's three-phase motors, enabling the motor performance to be maximized by simply setting the output power.

Digital Display

The set speed is displayed digitally in frequency (Hz) or speed (r/min). The set speed of the gearhead output shaft can also be displayed.



Easy Operation

The speed can be set easily with the potentiometer on the inverter front panel.



Easy Setting

Easy setting by simply setting a switch in accordance with the motor output power. No troublesome adjustment is required.
FE100: For output power of 6 W to 90 W
FE200: For output power of 25 W to 200 W

Motor Output Power Select Switch
(photograph: FE100)

Remove the front panel to access the switch.



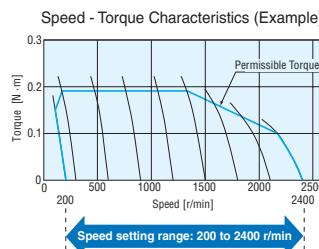
Maximized Motor Performance

As the inverter parameters have been set for motors in advance, the motor performance can be maximized at both low and high speeds.
(Speed setting range: 200 to 2400 r/min)
Continuous operation is also possible within the permissible torque.



Main Functions

- Individual acceleration/deceleration setting
Acceleration/deceleration time can be set between 0.1 and 30 seconds (at 80 Hz).
- Remote/local input switching
Control of operation, stopping and switching rotation direction can be performed using an external input signal.
- Speed setting using an external DC voltage (0~10)
- Carrier frequency switching
- Sink/source input switching
- Various protective functions
- The wiring length between the motor and inverter can be extended to maximum of 20 m.
(When a connection cable (accessory) is used)



Applicable Motors (Sold Separately)



Global Standard
World K Series
1/125 - 1/8HP



Watertight,
Dust-Resistant Motors
FPW Series
1/30 - 1/8HP



High-Output Power
BH Series
1/4HP

■ Product Number Code

FE **100** **A**

■ Maximum Output Power of Applicable Motor
100: 100W (1/8HP)
200: 200W (1/4HP)

■ Power Supply Voltage
A: Single-Phase 100-120VAC
C: Single-Phase 200-240VAC
S: Three-Phase 200-240VAC

■ Product Line (RoHS)

Maximum Output Power of Applicable Motor	Power Supply Voltage	Model
100W (1/8HP)	Single - Phase 100 - 120VAC	FE100A
	Single - Phase 200 - 240VAC	FE100C
	Three - Phase 200 - 240VAC	FE100S
200W (1/4HP)	Single - Phase 100 - 120VAC	FE200A
	Single - Phase 200 - 240VAC	FE200C
	Three - Phase 200 - 240VAC	FE200S

■ Specifications of Motor and Inverter Combinations

ZP : Impedance protected.

TP : Contains a built-in thermal protector.

- The set speed displayed on the product is calculated based on the following formula:

$$\text{Set frequency [Hz]} \times 30 = \text{Set speed [r/min]}$$

The actual speed varies depending on the load condition. Check the speed – torque characteristics.

Series	Motor Model		Applicable Inverter	Power Source			Max. Output Power W (HP)	Permissible Torque		Variable Speed Range Hz (r/min)
	Pinion Shaft Type or Geared Type (Round Shaft Type)	Lead Wire Type		Voltage VAC	Frequency Hz	Current A		Set Frequency Hz (Set speed r/min)	Torque N·m oz-in	
WK Series ¹	ZP 2IK6GN-SW2 (2IK6A-SW2)	-	FE100A	Single - Phase 100 - 120±10%	50/60 ±10%	0.68	6 (1/125)	6.6 (200) 15~50 (450~1500) 80 (2400)	0.042 5.9 0.049 6.9 0.028 3.9	6.6~80 (200~2400)
			FE100C	Single - Phase 200 - 240±10%		0.42				
			FE100S	Three - Phase 200 - 240±10%		0.23				
	TP 4IK25GN-SW2 (4IK25A-SW2)	4IK25GN-SW2T (4IK25A-SW2T)	FE100A	Single - Phase 100 - 120±10%		1.3	25 (1/30)	6.6(200) 10~50(300~1500) 80 (2400)	0.15 21 0.19 26 0.10 14.2	
			FE100C	Single - Phase 200 - 240±10%		0.77				
			FE100S	Three - Phase 200 - 240±10%		0.43				
	TP 5IK40GN-SW2 (5IK40A-SW2)	5IK40GN-SW2T (5IK40A-SW2T)	FE100A	Single - Phase 100 - 120±10%		1.7	40 (1/19)	6.6~50(200~1500) 80(2400)	0.30 42 0.16 22	
			FE100C	Single - Phase 200 - 240±10%		0.96				
			FE100S	Three - Phase 200 - 240±10%		0.53				
FPW Series ²	TP 5IK60GE-SW2 (5IK60A-SW2)	5IK60GE-SW2T (5IK60A-SW2T)	FE100A	Single - Phase 100 - 120±10%		2.3	60 (1/12)	6.6(200) 10~50(300~1500) 80(2400)	0.31 44 0.45 63 0.26 36	6.6~80 (200~2400)
			FE100C	Single - Phase 200 - 240±10%		1.3				
			FE100S	Three - Phase 200 - 240±10%		0.72				
	TP 5IK90GE-SW2 (5IK90A-SW2)	5IK90GE-SW2T (5IK90A-SW2T)	FE100A	Single - Phase 100 - 120±10%		2.7	90 (1/8)	6.6(200) 10~60(300~1800) 80(2400)	0.45 63 0.50 71 0.36 51	
			FE100C	Single - Phase 200 - 240±10%		1.6				
			FE100S	Three - Phase 200 - 240±10%		0.85				
BH Series ³	TP FPW425S2-□	-	FE100A	Single - Phase 100 - 120±10%		1.3	25 (1/30)	6.6(200) 10~50(300~1500) 80(2400)	0.15 21 0.19 26 0.10 14.2	6.6~80 (200~2400)
			FE100C	Single - Phase 200 - 240±10%		0.77				
			FE100S	Three - Phase 200 - 240±10%		0.43				
	TP FPW540S2-□	-	FE100A	Single - Phase 100 - 120±10%		1.7	40 (1/19)	6.6~50(200~1500) 80(2400)	0.30 42 0.16 22	
			FE100C	Single - Phase 200 - 240±10%		0.96				
			FE100S	Three - Phase 200 - 240±10%		0.53				
BH Series ³	TP FPW560S2-□	-	FE100A	Single - Phase 100 - 120±10%		2.3	60 (1/12)	6.6(200) 10~50(300~1500) 80(2400)	0.38 53 0.45 63 0.26 36	6.6~80 (200~2400)
			FE100C	Single - Phase 200 - 240±10%		1.3				
			FE100S	Three - Phase 200 - 240±10%		0.71				
	TP FPW690S2-□	-	FE100A	Single - Phase 100 - 120±10%		3.0	90 (1/8)	6.6~50(200~1500) 80(2400)	0.68 96 0.36 51	
			FE100C	Single - Phase 200 - 240±10%		1.8				
			FE100S	Three - Phase 200 - 240±10%		0.92				
BH Series³	BHI62ST-□RH BHI62ST-□RA BHI62ST-□ (BHI62ST-A)	FE200A FE200C FE200S	FE100A	Single - Phase 100 - 120±10%	4.9 2.8 1.5	4.9	200 (1/4)	6.6(200) 20~40(600~1200) 80(2400)	1.29 183 1.49 210 0.70 99	6.6~80 (200~2400)
			FE100C	Single - Phase 200 - 240±10%		2.8				
			FE100S	Three - Phase 200 - 240±10%		1.5				

*1 For pinion shaft type motor, gearhead is sold separately.

*2 Geared Type only. Enter the gear ratio in the box (□) within the model name.

*3 Enter the gear ratio in the box (□) within the model name.

Common Specifications

Inverter



Model	FE100A	FE100C	FE100S	FE200A	FE200C	FE200S
Maximum Output Power of Applicable Motor	W(HP)	100(1/8)			200(1/4)	
Output Power	Rated Output Voltage	VAC	Three-Phase 200 (varies depending on the power supply voltage and load condition)			
	Rated Output Current	A	0.7		1.4	
Power Supply Input	Rated Voltage	VAC	Single-Phase 100-120 ±10%	Single-Phase 200-240 ±10%	Three-Phase 200-240 ±10%	Single-Phase 100-120 ±10%
	Rated Frequency	Hz			50/60 ±5%	
Control Characteristics/ Performance	Control Method			Sinusoidal PWM method (V/f control)		
	Speed Setting Range			6.6~80Hz (200~2400 r/min)		
	Acceleration / Deceleration Time			0.1~30 s (at 80Hz)		
	Speed Setting Method			Speed potentiometer on the inverter front panel / DC voltage input (0~10VDC)		
	Voltage / Frequency Characteristics			Selectable from among 5 levels according to the motor output power using rotary switches		
Function	Input Signal		Photocoupler Input: Input resistance 3.3kΩ Driven by +15V internal power supply RUN/STOP, FWD/REV, Alarm reset			
	Output Signal		Open-collector output: 26.4VDC, 10mA max. Running output, Alarm output			
	Set Speed Display		The set speed out motor ^{*1} is displayed.			
	Remote / Local Switching	RUN / STOP, FWD / REV	Operation using the RUN/STAND-BY switch or external input signal can be selected. (Factory setting : Local)			
	Carrier Frequency Switching		The carrier frequency can be switched if you want to reduce leak current from the cable connecting the inverter and motor. (Factory setting : 15kHz)			
	Sink / Source Switching		Sink input (0V, common) or source input (24V, common) can be selected. (Factory setting : Source)			
	Frequency / Speed Display Switching		The speed display can be switched to the set frequency or set speed. (Factory setting: Frequency)			
	Switching to Speed Display Based on Gear Ratio ^{*2}		The set speed shown on the speed display can be changed to the speed based on the gear ratio. One of 96 levels can be set using two rotary switches. (Factory setting: Gear ratio 1:1)			
Protective Function			If any of the following protective functions is activated, the motor will be stopped by the means of base blocking action: • Overcurrent protection : The inverter output current exceeded approximately 200% of the rated output current. • Circuit overheat protection : The internal temperature of the inverter rose beyond the allowable level. • Overvoltage protection : The internal voltage of the inverter exceeded the allowable level. • Undervoltage protection : The internal voltage of the inverter dropped to below the allowable level. • Motor overheat protection : The built-in thermal protector of the motor was actuated, or the wiring between the motor and inverter has a missing phase. ^{*3} • Circuit error : An error occurred in the built-in CPU of the inverter etc. • Overload protection : The inverter output current has remained above approximately 150% of the rated output current of the inverter for approximately 1 minute. • Setting error : The output select switch or gear ratio setting switch was set to a value outside the setting range. • Ground fault protection : Ground fault occurred on the outside of the inverter, and ground fault current flowed.			
Wiring Distance between Inverter and Motor			20 m max. (when the connection cable CC20AC04 is used)			
Cooling Condition			Natural ventilation			
Display	7-Segment Display			Set speed, Alarm code		
	LED Indicators			POWER, Unit of set speed display (r/min, Hz)		
Mass	kg (lb.)		0.4 (0.88)		0.5 (1.1)	

^{*1} Different from the actual speed of the motor shaft.

^{*2} This function is disabled in the frequency display mode.

^{*3} Excluding motors with output of 6 W.

General Specifications

Inverter

Item	Specifications			
Insulation Resistance	100 MΩ or more when measured by a 500 VDC megger between the main circuit terminal and ground terminal (control circuit terminal) after continuous operation under normal ambient temperature and humidity.			
Dielectric Strength	Sufficient to withstand 1.85 kV at 50 Hz or 60 Hz applied between the main circuit terminal and ground terminal (control circuit terminal) for 1 minute after continuous operation under normal ambient temperature and humidity.			
Operating Environment	Ambient Temperature	-10~+50°C (+14~122°F) (non-freezing)		
	Ambient Humidity	95% or less (non-condensing)		
	Atmosphere	No corrosive gases or dust		
Degree of Protection	IP10 (IP20 for inverter front panel)			

Note: Do not measure insulation resistance or perform the dielectric strength test while the motor and inverter are connected.

Safety Standard and CE Marking of Inverter

Model	Standards	Certification Body	Standards File No.	CE Marking
Inverter	UL508C CSA C22.2 No.14	UL	E171462	Low voltage Directives EMC Directives
	EN50178	Conforms to EN Standards		

^{*}The I/O signal terminals are protected by reinforced insulation.

Use Conditions under EN Standards

- Protective earth:** The inverter has been designed and evaluated as Class I equipment. Therefore, measures are needed to protect against electrical shock, such as providing a protective grounding or incorporating the inverter in the equipment to prevent contact with the bare hands.
- Power supply:** The inverter has been designed and evaluated under Overvoltage category II.
- Surroundings:** The inverter has been designed and evaluated in an environment with pollution degree 2. When using the inverter in an environment with pollution degree 3, it must be protected with an IP54 enclosure.
- EMC:** The EMC value changes according to the wiring and layout. Therefore, the final EMC level must be checked with the inverter incorporated in the user's equipment. If you require EMC data of this product, please contact your nearest Oriental Motor office.

Compliance Conditions under EN Standards

Incorporation in equipment Overvoltage category: II
 Pollution degree: 2
 Electrical shock protection: Class I equipment

Applicable EMC Standards

EMI	Emission Tests: Radiated Emission Test: Conducted Emission Test:	EN61000-6-4 EN55011 EN55011
EMS	Immunity Tests: Electrostatic Discharge Immunity Test: Radiation Field Immunity Test: Fast Transient/Burst Immunity Test: Surge Immunity Test: Conductive Noise Immunity Test: Voltage Dip Immunity Test: Voltage Interruption Immunity Test:	EN61000-6-2 IEC61000-4-2 IEC61000-4-3 IEC61000-4-4 IEC61000-4-5 IEC61000-4-6 IEC61000-4-11 IEC61000-4-11

█ Gearmotor - Torque Table

● Parallel Shaft

◇ World K Series, FPW Series, BH Series

Unit = Upper values: N·m/ Lower values: lb-in

Model	Gear Ratio	Gear Ratio																			
		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150	180
Motor / Gearhead	Set Frequency Hz (Set speed r/min)																				
2IK6GN-SW2 / 2GN□SA	15~50 (450~1500)	0.12 1.06	0.14 1.23	0.20 1.77	0.24 2.1	0.30 2.6	0.36 3.1	0.50 4.4	0.60 5.3	0.71 6.2	0.89 7.8	1.1 9.7	1.3 11.5	1.6 14.1	1.9 16.8	2.4 21	2.9 25	3 26	3 26	3 26	3 26
4IK25GN-SW2 / 4GN□SA	10~50 (300~1500)	0.46 4.0	0.55 4.8	0.77 6.8	0.92 8.1	1.2 10.6	1.4 12.3	1.9 16.8	2.3 20	2.8 24	3.5 30	4.2 37	5.0 44	6.3 55	7.5 66	8 70	8 70	8 70	8 70	8 70	8 70
5IK40GN-SW2 / 5GN□SA	6.6~50 (200~1500)	0.73 6.4	0.87 7.6	1.2 10.6	1.5 13.2	1.8 15.9	2.2 19.4	3.0 26	3.6 31	4.4 38	5.5 48	6.6 58	7.9 69	9.9 87	10 88	10 88	10 88	10 88	10 88	10 88	
5IK60GE-SW2 / 5GE□SA	10~50 (300~1500)	1.1 9.7	1.3 11.5	1.8 15.9	2.2 19.4	2.7 23	3.3 29	4.1 36	4.9 43	5.9 52	8.9 65	10.7 78	14.9 94	17.8 131	19.9 157	20 176	20 177	20 177	20 177	20 177	20 177
5IK90GE-SW2 / 5GE□SA	10~60 (300~1800)	1.2 10.6	1.5 13.2	2.0 17.7	2.4 21	3.0 26	3.6 31	4.6 40	5.5 48	6.6 58	8.3 73	9.9 87	11.9 105	16.5 146	19.8 175	20 177	20 177	20 177	20 177	20 177	20 177
FPW425S2-□	10~50 (300~1500)	0.46 4.0	0.55 4.8	0.77 6.8	0.92 8.1	1.2 10.6	1.4 12.3	1.9 16.8	2.3 20	2.8 24	3.5 30	4.2 37	5.0 44	6.3 55	7.5 66	8 70	8 70	8 70	8 70	8 70	8 70
FPW540S2-□	6.6~50 (200~1500)	0.73 6.4	0.87 7.6	1.2 10.6	1.5 13.2	1.8 15.9	2.2 19.4	3.0 26	3.6 31	4.4 38	5.5 48	6.6 58	7.9 69	9.9 87	10 88	10 88	10 88	10 88	10 88	10 88	
FPW560S2-□	10~50 (300~1500)	1.1 9.7	1.3 11.5	1.8 15.9	2.2 19.4	2.7 23	3.3 29	4.1 36	4.9 43	5.9 52	7.4 65	8.9 78	10.7 94	14.9 131	15 132	15 132	15 132	15 132	15 132	15 132	
FPW690S2-□	6.6~50 (200~1500)	1.7 15.0	2.0 17.7	2.8 24	3.3 29	4.1 36	5.0 44	6.2 54	7.4 65	8.9 78	12.4 109	14.9 131	17.9 158	22.4 198	26.9 230	30 260	30 260	30 260	30 260	30 260	30 260
BHI62ST-□	20~40 (600~1200)	4.0 35	4.8 42	6.7 59	8.0 70	10.1 89	12.1 107	16.0 141	19.2 169	23.1 200	32.0 280	38.4 330	40 350	40 350	40 350	40 350	40 350	40 350	40 350	40 350	

● Enter the gear ratio in the box (□) within the gearhead model name.

● A colored background □ indicates gear shaft rotation in the same direction as the motor shaft, while the others rotate in the opposite direction.

● The set speed indicates the motor's synchronous speed. The actual speed varies depending on the load condition. Check the speed – torque characteristics on pages 4.

● Right-Angle Shaft

◇ World K Series, BH Series

Unit = Upper values: N·m/ Lower values: lb-in

Model	Gear Ratio	Gear Ratio																		
		3	3.6	5	6	7.5	9	12.5	15	18	25	30	36	50	60	75	90	100	120	150
Motor / Gearhead	Set Frequency Hz (Set speed r/min)																			
4IK25GN-SW2 / 4GN□RH	10~50 (300~1500)	Rating	-	-	-	-	-	0.95	1.4	1.7	2.3	3.2	3.9	4.7	5.6	6.7	8	8	8	8
4IK25GN-SW2T / 4GN□RAA	10~50 (300~1500)	Rating	-	-	-	-	-	8.4	12.3	15.0	20	28	34	41	49	59	70	70	70	70
4IK25GN-SW2 / 4GN□RAA	10~50 (300~1500)	Startup	-	-	-	-	-	0.95	1.3	1.5	2.0	2.9	3.5	4.2	5.0	6.0	7.6	8	8	8
4IK25GN-SW2T / 4GN□RAA	10~50 (300~1500)	Startup	-	-	0.43	0.74	0.93	1.1	1.5	1.9	2.4	3.3	4.0	4.8	5.7	6.8	8	8	8	8
5IK40GN-SW2 / 5GN□RH	6.6~50 (200~1500)	Rating	-	-	0.43	0.74	0.93	1.1	1.5	1.9	2.4	3.3	4.0	4.8	5.7	6.8	8	8	8	8
5IK40GN-SW2T / 5GN□RH	6.6~50 (200~1500)	Rating	-	-	3.8	6.5	8.2	9.7	13.2	16.8	21	29	35	42	50	60	70	70	70	70
5IK40GN-SW2 / 5GN□RAA	6.6~50 (200~1500)	Startup	-	-	0.43	0.74	0.93	1.1	1.4	1.7	2.2	3.0	3.6	4.3	5.1	6.2	7.7	8	8	8
5IK40GN-SW2T / 5GN□RAA	6.6~50 (200~1500)	Startup	-	-	3.8	6.5	8.2	9.7	12.3	19.4	23	28	40	49	59	70	84	88	88	88
5IK40GN-SW2 / 5GN□RAA	6.6~50 (200~1500)	Rating	-	-	0.98	1.2	1.5	1.8	2.5	3.0	3.6	5.1	6.2	7.4	8.9	10	10	10	10	10
5IK40GN-SW2T / 5GN□RAA	6.6~50 (200~1500)	Rating	-	-	8.6	10.6	13.2	18.5	23	28	33	46	55	67	79	88	88	88	88	88
5IK60GE-SW2 / 5GE□RH	10~50 (300~1500)	Rating	-	-	1.2	1.5	2.1	2.6	3.7	4.5	5.5	7.7	7.9	9.6	13.3	16.0	20	20	20	20
5IK60GE-SW2T / 5GE□RH	10~50 (300~1500)	Rating	-	-	10.6	13.2	18.5	23	32	39	48	68	69	84	117	141	177	177	177	177
5IK60GE-SW2 / 5GE□RAA	10~50 (300~1500)	Startup	-	-	1.2	1.5	1.9	2.3	3.3	4.0	4.8	6.8	7.1	8.6	12.0	14.4	18.1	20	20	20
5IK60GE-SW2T / 5GE□RAA	10~50 (300~1500)	Startup	-	-	8.6	10.6	13.2	18.5	23	28	33	42	60	62	76	106	127	160	177	177
5IK60GE-SW2 / 5GE□RAA	10~50 (300~1500)	Rating	-	-	1.5	1.8	2.4	2.8	3.9	4.7	5.7	7.9	8.1	9.7	13.5	16.2	20	20	20	20
5IK60GE-SW2T / 5GE□RAA	10~50 (300~1500)	Rating	-	-	13.2	15.9	21	24	34	41	50	69	71	85	119	143	177	177	177	177
5IK60GE-SW2 / 5GE□RAA	10~50 (300~1500)	Startup	-	-	1.3	1.5	2.1	2.5	3.5	4.2	5.0	6.9	7.3	8.7	12.2	14.6	18.2	20	20	20
5IK60GE-SW2T / 5GE□RAA	10~50 (300~1500)	Startup	-	-	11.5	13.2	18.5	22	30	37	44	61	64	76	107	129	161	177	177	177
5IK90GE-SW2 / 5GE□RH	10~60 (300~1800)	Rating	-	-	1.4	1.8	2.4	2.9	4.2	5.1	6.1	8.6	8.8	10.6	14.8	17.8	20	20	20	20
5IK90GE-SW2T / 5GE□RH	10~60 (300~1800)	Rating	-	-	12.3	15.9	21	25	37	45	53	76	77	93	130	157	177	177	177	177
5IK90GE-SW2 / 5GE□RAA	10~60 (300~1800)	Rating	-	-	4.6	5.8	72	86	120	144	173	240	280	310	350	380	410	450	480	530
5IK90GE-SW2T / 5GE□RAA	10~60 (300~1800)	Rating	-	-	7.6	8.8	12.3	16.8	20	24	34	40	49	68	71	85	119	143	177	177
BHI62ST-□RH	20~40 (600~1200)	-	-	5.4	6.5	8.2	9.8	13.6	16.3	19.6	27.2	32.6	36.0	40.0	43.0	47.0	51.5	54.5	60	60
BHI62ST-□RA	20~40 (600~1200)	-	-	47	58	72	86	120	144	173	240	280	310	350	380	410	450	480	530	530

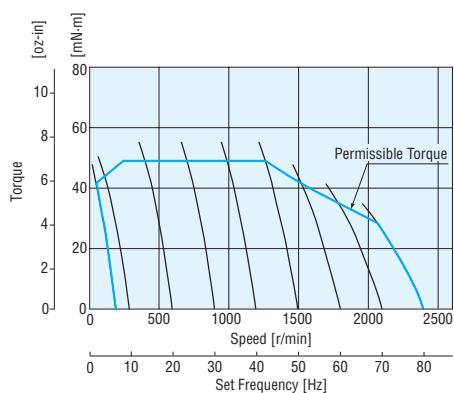
● Enter the gear ratio in the box (□) within the gearhead model name.

● The set speed indicates the motor's synchronous speed. The actual speed varies depending on the load condition. Check the speed – torque characteristics on pages 4.

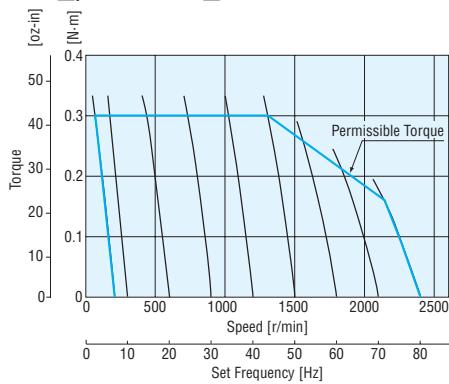
■ Speed - Torque Characteristics

(The characteristics shown below are only applicable for the motors only.)

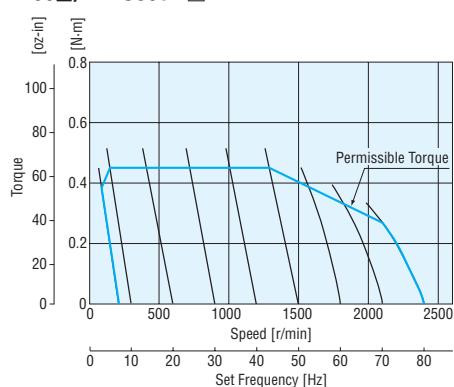
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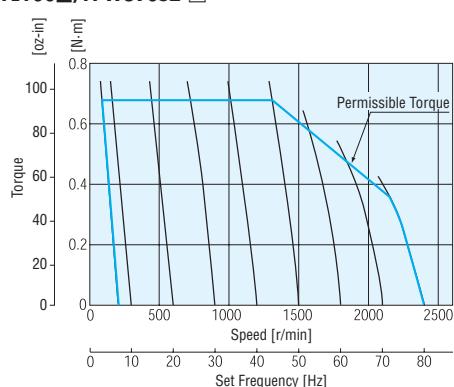
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FE100■/FPW540S2-□**



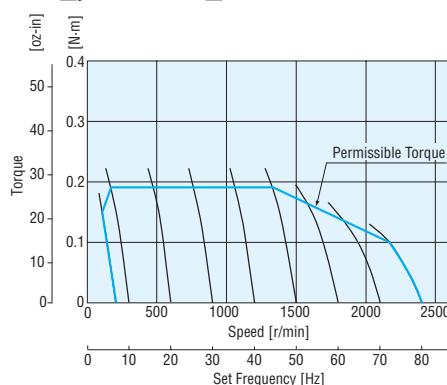
FE100■/FPW560S2-□



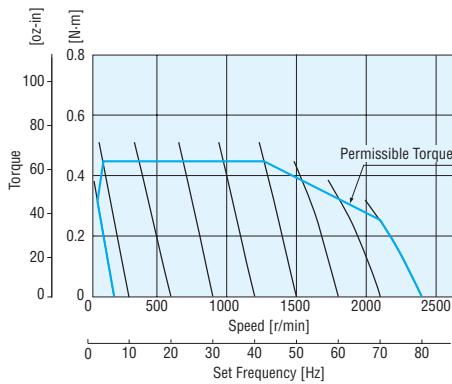
FE100■/FPW690S2-□



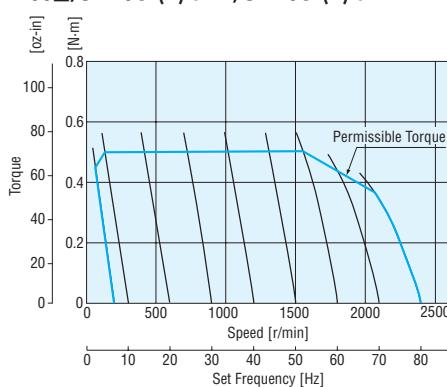
**FE100■/4IK25GN(A)-SW2, 4IK25GN(A)-SW2T
FE100■/FPW425S2-□**



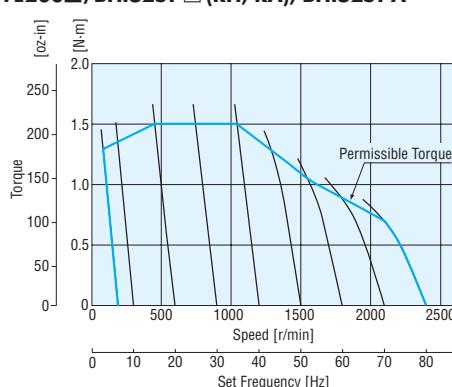
FE100■/5IK60GE(A)-SW2, 5IK60GE(A)-SW2T



FE100■/5IK90GE(A)-SW2, 5IK90GE(A)-SW2T



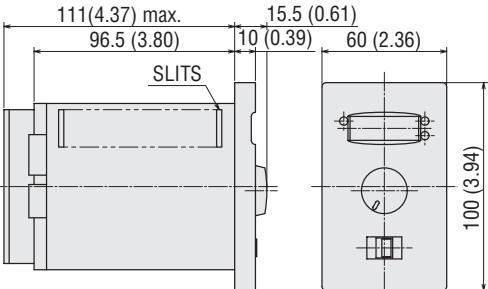
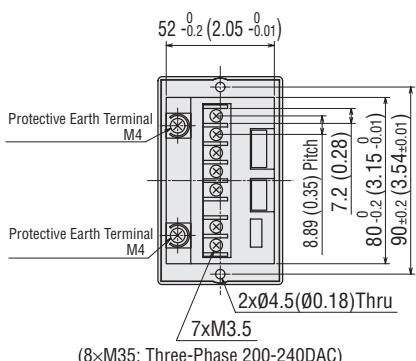
FE200■/BHI62ST-□ (RH, RA), BHI62ST-A



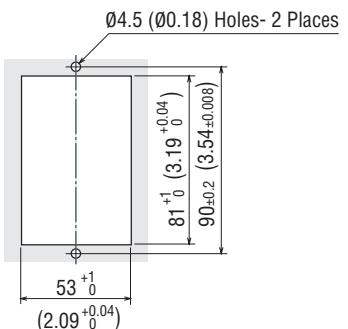
- Enter the letter representing the voltage (A, C or S) in the box (■) within the model name.
Enter the gear ratio in the box (□) within the model names.

Note: The speed or frequency shown on the display is the current setting. It is not the actual speed of the motor output shaft. The actual speed varies depending on the size of the load.

■ Dimensions Unit=mm (in.)
FE100□, FE200□



◇ Control Unit Panel Cut-Out



Inverter Model	L ₁ mm inch	L ₂ mm inch	Mass Kg lb.	CAD
FE100A	111	4.37	0.4	0.88
FE100C				A417
FE100S				
FE200A	141	5.55	0.5	1.1
FE200C				A418
FE200S				

Accessories (Sold separately)

■ Connection Cables

This cable is needed when connecting the motor and inverter or extending their wiring length. Cables of six lengths from 1 to 20 m are available.



Model	Length L m (ft.)
CC01AC04	1 (3.3)
CC02AC04	2 (6.6)
CC03AC04	3 (9.8)
CC05AC04	5 (16.4)
CC10AC04	10 (32.8)
CC20AC04	20 (65.6)

● Dimensions Unit=mm (in.)



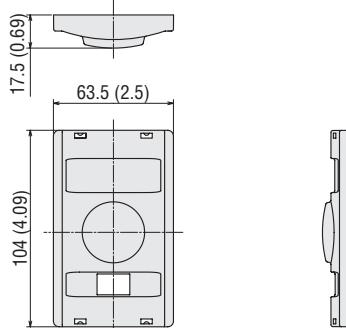
■ Front Cover PAFC01

A clear cover placed over the front panel.

This cover prevents accidental contact with the speed potentiometer and resulting shift in the set speed. (The front cover is not waterproof.)



● Dimensions Unit=mm (in.)



This product is manufactured at a plant certified with the international standards ISO 9001 (for quality assurance) and ISO 14001 (for systems of environmental management).

Specifications are subject to change without notice.
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