HITACHI
Inspire the Next

HITACHI VARIABLE FREQUENCY DRIVES

NE-S1 series
Economical Inverter with
Simple Operation

WJ200 series
Pursuing the Ideal
Compact Inverter

X200 series
Simple, Trip-suppression and
Eco-friendly Compact Inverter

SJ700B series
Inverter designed for
fans & pumps plus conveyors

SJ700 series
High performance with Many useful
Functions and, yet User Friendly

Hitachi Has Developed Intelligent and to Meet Various Requirements from a

Specifications

Series			NE-S1	WJ200
Appearance				
Power Source	Rated input voltage	1-phase (100V)	—	100—120V +/−10%, 50/60Hz +/−5%
		1-phase (200V)	200—240V +10%/−15% 50/60Hz +/−5%	200—240V +10%/−15%, 50/60Hz +/−5%
		3-phase (200V)	200—240V +10%/−15% 50/60Hz +/−5%	200—240V +10%/−15%, 50/60Hz +/−5%
		3-phase (400V)	—	380—480V +10%/−15%, 50/60Hz +/−5%
Applicable motor			0.2—2.2kW	0.1—15kW
Output frequency range			0.1—400.0Hz	0.1—400Hz
Starting torque*5			100% or greater (Torque boost mode)	200% or greater (at 0.5Hz) (Sensorless vector control)
Braking torque	Dynamic brake (capacitor feedback)		20—50%	10—50%
	DC brake		Variable operating frequency, time, and braking force	Variable operating frequency, time, and braking force
Overload capacity			150%, 60sec.	Dual rating: CT (Heavy duty) : 150%, 60sec. VT (Normal duty) : 120%, 60 sec.
Acceleration/deceleration time			0.00—3,600sec.	0.01—3,600sec.
Multispeed operation			Max. 8-stage	Max. 16-stage
Analog input for frequency control			0—10VDC, 4—20mA (Switch able by switch but not use them in the same time.)	0—10VDC, 4—20mA
Protective functions			Over-current, Over-voltage, Under-voltage, Overload, Overheat, Ground fault at power-on, Input over-voltage, External trip, Memory error, CPU error, USP error, Driver error, Output phase loss protection	Over-current, over-voltage, under-voltage, overload, brake resistor overload, CPU error, memory error, external trip, USP error, ground fault detection at power on, temperature error, internal communication error, driver error, thermistor error, brake error, safe stop, overload at low speed, modbus communication error, option error, encoder disconnection, speed excessive, EzSQ command error, EzSQ nesting error, EzSQ execution error, EzSQ user trip
Other functions			AVR (Automatic Voltage Regulation), V/f characteristic selection, accel./decel. curve selection, frequency upper/lower limit, 8 stage multispeed, PID control, frequency jump, external frequency input bias start/end, jogging, trip history	Free V/f setting (7 breakpoints), PM motor control (corresponds more than Ver.2.0), Simple positioning control, Easy sequence programming function, Safe stop, Password, Peer-to-Peer communication, frequency upper/lower limit, jump (center) frequency, manual torque boost level/breakpoint, energy-saving operation, analog meter adjustment, Minimum time deceleration, Over-current Suppress, electronic thermal function (available also for free setting), external start/end frequency/frequency rate, restart after instantaneous power failure, Controlled deceleration on power loss, auto-tuning
Environmental conditions	Ambient operating temperature		−10 to 50 degrees C*4	−10 to 50 degrees C*4
	Humidity		20 to 90%RH (No condensation)	20 to 90%RH (No condensation)
	Location		Less than 1,000m of altitude, indoors (no corrosive gas nor dust)	Less than 1,000m of altitude, indoors (no corrosive gas nor dust)

*1 : 400kW is 0.1—120Hz *2 : When inverter is one frame size larger than motor. *3 : 90kW and over
*4 : See derating data and carrier frequency adjustment in instruction manual when ambient operating temperature is 40 degrees C or over.

Sophisticated Variable Frequency Drives Wide Range of Demanding Applications!

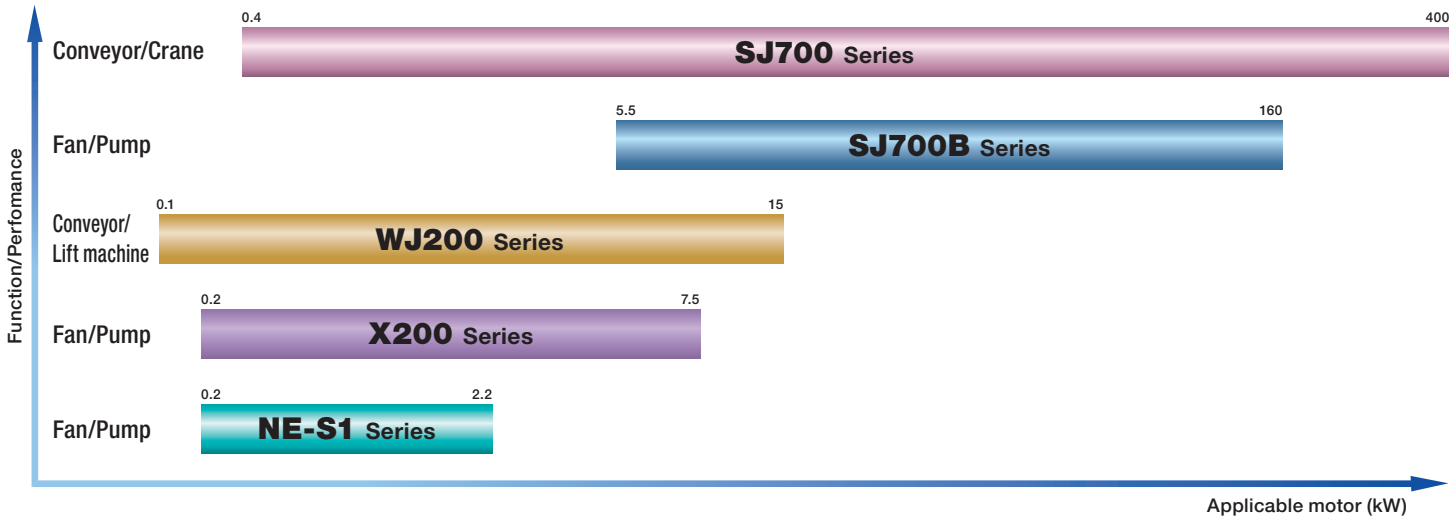
	X200	SJ700	SJ700B
			
	—	—	—
	200—240V +10%/−15%, 50/60Hz +/−5%	—	—
	200—240V +10%/−15%, 50/60Hz +/−5%	200—240V +10%/−15%, 50/60Hz +/−5%	200—240V +10%/−15%, 50/60Hz +/−5%
	380—480V +10%/−15%, 50/60Hz +/−5%	380—480V +10%/−15%, 50/60Hz +/−5%	380—480V +10%/−15%, 50/60Hz +/−5%
	0.2—7.5kW	0.4—400kW	5.5—160kW
	0.5—400Hz	0.1—400Hz*1	0.1—400Hz
	100% or greater (Torque boost mode)	SLV: 200%, or greater (at 0.3Hz) 75 to 132kW: 180%, or greater (at 0.3Hz), 185kW and over:150%, or greater (at 0.3Hz) 0Hz SLV: 150%*2 at around 0Hz, 75kW and over:130%*2 at around 0Hz	150%(120)*3, or greater (at 0.5Hz) 120% at around 0Hz
	20—50%	10—20%	10—20%
	Variable operating frequency, time, and braking force	Variable operating frequency, time, and braking force	Variable operating frequency, time, and braking force
	150%, 60sec.	150%, 60sec., 200%, 3sec. (185kW and over : 150%, 60sec., 180%, 0.5sec.)	120%, 60sec., 150%, 3sec.
	0.01—3,000sec.	0.01—3,600sec.	0.01—3,600sec.
	Max. 16-stage	Max. 16-stage	Max. 16-stage
	0—10VDC, 4—20mA (It is impossible of input at the same time.)	0—10VDC, 4—20mA −10 to +10VDC	0—10VDC, 4—20mA −10 to +10VDC
	Over-current, over-voltage, under-voltage, overload, overheat, ground fault at power-on, input over-voltage, external trip, EEPROM error, CPU error, USP error, Thermistor error, Driver error, Emergency stop	Over-current protection, over-voltage protection, under-voltage protection, electronic thermal protection, temperature error protection, instantaneous power failure protection, phase loss input protection, braking-resistor overload protection, ground-fault current detection at power-on, USP error, external trip, emergency stop trip, CT error, communication error, option board error	Over-current protection, over-voltage protection, under-voltage protection, electronic thermal protection, temperature error protection, instantaneous power failure protection, phase loss input protection, braking-resistor overload protection, ground-fault current detection at power-on, USP error, external trip, emergency stop trip, CT error, communication error, option board error
	AVR (Automatic Voltage Regulation), V/f characteristic selection, accel./decel. curve selection, frequency upper/lower limit, 16 stage multispeed, PID control, frequency jump, external frequency input bias start/end, jogging, cooling fan On/Off, trip history	Free V/f setting (7 breakpoints), frequency upper/lower limit, jump (center) frequency, acceleration/deceleration according to characteristic curve, manual torque boost level/breakpoint, energy-saving operation, analog meter adjustment, start frequency setting, carrier frequency adjustment, electronic thermal function (available also for free setting), external start/end frequency/frequency rate, analog input selection, retry after trip, restart after instantaneous power failure, output of various signals, starting with reduced voltage, overload restriction, initial-value setting, automatic deceleration at power failure, AVR function, fuzzy acceleration/deceleration, online/offline auto-tuning, high-torque multi-motor operation (sensorless vector control of two motors by one inverter)	Free V/f setting (7 breakpoints), frequency upper/lower limit, jump (center) frequency, acceleration/deceleration according to characteristic curve, manual torque boost level/breakpoint, energy-saving operation, analog meter adjustment, start frequency setting, carrier frequency adjustment, electronic thermal function (available also for free setting), external start/end frequency/frequency rate, analog input selection, retry after trip, restart after instantaneous power failure, output of various signals, starting with reduced voltage, overload restriction, initial-value setting, automatic deceleration at power failure, AVR function, fuzzy acceleration/deceleration, online/offline auto-tuning, high-torque multi-motor operation (sensorless vector control of two motors by one inverter)
	−10 to 50 degrees C*4	−10 to 50 degrees C*4	−10 to 40 degrees C (200V class), −10 to 45 degrees C (400V class)*4
	20 to 90%RH (No condensation)	20 to 90%RH (No condensation)	20 to 90%RH (No condensation)
	Less than 1,000m of altitude, indoors (no corrosive gas nor dust)	Less than 1,000m of altitude, indoors (no corrosive gas nor dust)	Less than 1,000m of altitude, indoors (no corrosive gas nor dust)

*5 : The characteristic is different according to the motor combination.

Product Range

Model	kW (HP)	0.1 (1/8)	0.2 (1/4)	0.4 (1/2)	0.55 (3/4)	0.75 (1)	1.1 (1.5)	1.5 (2)	2.2 (3)	3 (4)	3.7 (5)	4 (5)	5.5 (7.5)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	37 (50)	45 (60)	55 (75)	75 (100)	90 (125)	110 (150)	132 (175)	150 (200)	160 (220)	185 (250)	220 (300)	315 (400)	400 (500)
NE-S1	1-phase 200V class																															
	3-phase 200V class																															
WJ200	1-phase 100V class																															
	1-phase 200V class																															
	3-phase 200V class																															
	3-phase 400V class																															
X200 Note 1	1-/3-phase 200V class				Note 3		Note 3																									
	3-phase 200V class																															
	3-phase 400V class									Note 3		Note 4																				
SJ700	3-phase 200V class																															
	3-phase 400V class										Note 5	Note 4													Note 2	Note 2						
SJ700B	3-phase 200V class																															
	3-phase 400V class												Note 6																			

Note 1 : European version have EMC filter as standard. (EN61800-3 cat. C1 for SFEF series, cat. C2 for HFEF series)
Note 2 : European version and JP version does not have 150kW model.US version does not have 132kW model.
Note 3 : Available only for European version
Note 4 : Available only for European version and US version
Note 5 : Available only for JP version
Note 6 : Available only for Asia version



Model Name Indication

X200 - 004 S F E F 2

Series Name

2 : Version

F : Integrated noise filter

U : US version
E : European version
C : China version
R : JP version

F : With digital operator
B : Without digital operator

S : 1-phase 200V class
N : 1-/3-phase 200V class
L : 3-phase 200V class
H : 3-phase 400V class
M : 1-phase 100V class

Applicable Motor Capacity in kW (HP)

001 - 0.1 (1/8)	220 - 22 (30)
002 - 0.2 (1/4)	300 - 30 (40)
004 - 0.4 (1/2)	370 - 37 (50)
005 - 0.55 (3/4)	450 - 45 (60)
007 - 0.75 (1)	550 - 55 (75)
011 - 1.1 (1.5)	750 - 75 (100)
015 - 1.5 (2)	900 - 90 (125)
022 - 2.2 (3)	1100 - 110 (150)
030 - 3 (4)	1320 - 132 (175)
037 - 3.7 (5)	1500 - 150 (200)
040 - 4 (5)	1600 - 160 (220)
055 - 5.5 (7.5)	1850 - 185 (250)
075 - 7.5 (10)	2200 - 220 (300)
110 - 11 (15)	3150 - 315 (400)
150 - 15 (20)	4000 - 400 (500)
185 - 18.5 (25)	

NE-S1 series

Economical Inverter with Simple Operation

NEW

N *Next & New*

Next generation inverter opens the door to New market segments

E *Ecological & Economical*

Ecological - saves energy
Economical - simple to install and easy to use

S *Small & Simple*

Simple functions in a Small package

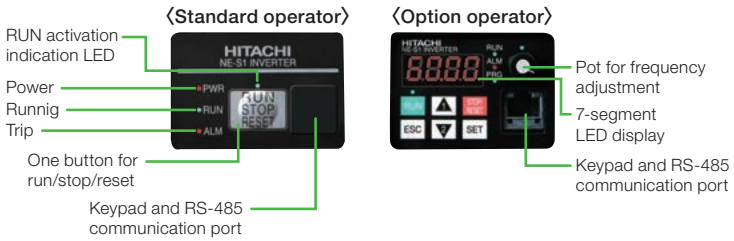
Feature

Among the smallest form-factors in their category

- 43% smaller than equivalent X200 (0.2 kW).
- Side-by-side installation to save panel space.

Simple Operation

- Run/Stop/Reset is integrated in one button for simple operation.
- Full-function attachable operator available as an option.



Global Standards

- Conformity to global standards. CE, UL, c-UL, C-Tick approvals.

< CE > < UL,c-UL > < c-Tick >

- Logic input is compatible with both sink and source logic.
- Wide input power voltage range.
  (Input voltage 200V to 240V for 200V class as standard)
- RS-485 Modbus® RTU Communication port is standard

NE-S1 Series
Applicable motor rating in kW (HP)

		0.2 (1/4)	0.4 (1/2)	0.75 (1)	1.5 (2)	2.2 (3)
1-phase 200V	SB	●	●	●	●	●
3-phase 200V	LB	●	●	●	●	●
3-phase 400V	HB		○	○	○	○

●: Available ○: Plan model

● Modbus is a registered trademark of Modicon Inc. (Schneider Automation International).

WJ200 Series

Pursuing the Ideal Compact Inverter

Feature

Industry-leading Levels of Performance

- High starting torque of 200% or greater achieved by sensorless vector control (when sized for heavy duty).
- Speed regulation at low-speed is improved.
- Trip avoidance functions (Minimum time deceleration function and over-current suppress function).
- Simple positioning control (when feedback signal is used.).
- Induction motor & Permanent magnetic motor* control with one inverter (*corresponds from Ver. 2.0).

Pursuit of Ease of Use

- Sequence operation is realized by downloading to an inverter a program created with Hitachi's ProDriveNext software.
- Safe stop function*1. (Cat. 3, PLd to EN / ISO 13849-1 and SIL CL2 to EN 62061 / IEC 61508 /EN 61800-5-2)
- Password function.
- USB (Mini-B connector) port and RS-422 (RJ45 connector) port are standard.
- Ease of wiring.
- Easy to maintain.
- Side-by-side installation.
- Allows manual adjustment of the inverter output frequency by turning the optional potentiometer module.

Ease of Maintenance

- Long life time components (Design life time 10 years or more).
- Cooling fan ON/OFF control for longer fan life.
- Life time warning function.
- Easy-removable cooling fan.

Environmental Friendliness

- Micro surge voltage suppress function.
- EU RoHS compliant (ordered items).
- Varnish coating of internal PC board is standard. (Logic PCB and I / F PCB are excluded.)

Global standards

- Conformity to global standards. CE, UL, c-UL, C-Tick approvals*2.

< CE > < UL,c-UL > < c-Tick >

- A serial RS-485 Modbus® RTU port is standard. DeviceNet™, with optional expansion card (planned).
- Wide input power voltage range. (Input voltage 200V to 240V for 200V class and 380V to 480V for 400V class as standard)
- Logic input and output terminal can be configured for sink or source logic.

WJ200 Series
Applicable motor rating in kW (HP)

		0.1 (1/8)	0.2 (1/4)	0.4 (1/2)	0.75 (1)	1.5 (2)	2.2 (3)	3.0 (4)	3.7 (5)	4.0 (5)	5.5 (7.5)	7.5 (10)	11 (15)	15 (20)
1-phase 100V	MF	●		●	●									
1-phase 200V	SF	●	●	●	●	●	●							
3-phase 200V	LF	●	●	●	●	●	●		●		●	●	●	●
3-phase 400V	HF			●	●	●	●	●		●	●	●	●	●

●: Available

- Modbus is a registered trademark of Modicon Inc. (Schneider Automation International).
- DeviceNet is a trademark of Open DeviceNet Vendor Association.

*1 : C version (SFC, LFU, HFC) and 1-phase 100V class is not certified.
*2 : 1-phase 100V class is for CE, UL and c-UL only.

X200 Series

Simple, Trip-suppression and Eco-friendly Compact Inverter

Feature

Environmental Friendliness

- Integrated EMC filter saves cost and space (European version only).
  Single-phase input : EN61800-3 cat.C1
  Three-phase input : EN61800-3 cat.C2
- RoHS compliance for all models.
- Micro Surge Voltage suppress function.
- Varnish coating of internal PC boards is standard, for longer life in harsh environments.

Useful fan and pump functions

- Improved Trip Avoidance Function (Over-current, over-voltage).
- Automatic energy-saving function delivers "realtime" energy-saving operation for fan and pump applications.
- Improved PID control.
- Allows for smooth restart when an IPF (Instantaneous Power Failure) occurs. This is especially useful in fan and pump applications.

Ease of Maintenance and space reduction

- Easily replacable cooling fan.
- Cooling fan ON/OFF control extends fan life.
- Side-by-side installation.
- Safe Stop Function. (EN954-1 : 1997, cat.3, EN60204-1 : 1997 cat.0)

Global Performance

- CE, UL, c-UL and c-Tick approvals.

< CE > < UL,c-UL > < c-Tick >

- Logic input terminal apply sink and source logic.
- Wide Input power voltage range
  (Input voltage 200V to 240V for 200V class and 380V to 480V for 400V class as standard).
- RS-485 is provided as standard for Modbus® RTU serial communication.

X200 Series
Applicable motor rating in kW (HP)

		0.2 (1/4)	0.4 (1/2)	0.55 (3/4)	0.75 (1)	1.1 (1.5)	1.5 (2)	2.2 (3)	3.0 (4)	3.7 (5)	4.0 (5)	5.5 (7.5)	7.5 (10)
1-phase 200V	SFEF2	●	●	●	●	●	●	●					
1-/3-phase 200V	NFU2	●	●		●		●	●					
3-phase 200V	LFU2									●		●	●
	LFRF2	●	●		●		●	●		●		●	●
3-phase 400V	HFEF2		●		●		●	●	●		●	●	●
	HFU2		●		●		●	●			●	●	●
	HFRF2		●		●		●	●		●		●	●

●: Available

● Modbus is a registered trademark of Modicon Inc. (Schneider Automation International).

SJ700 Series

High performance with Many useful Functions and, yet User Friendly

Feature

High starting Torque, Powerful Drive and easy set up

- High Starting Torque 200% at 0.3Hz.
  (75 to 132kW : 180% at 0.3Hz, 185kW and over : 150%, at 0.3Hz)
- Hitachi exclusive 0Hz Domain sensorless vector control.
- High accuracy & improved Auto-tuning function.
- Full Vector Control with Feedback option
  (Torque Control, Position Control).

Many useful Functions

- Over current & voltage suppress function.
- Sequence operation is realized by downloading to an inverter a program created with Hitachi's ProDriveNext software.
- EMI Filter will be built-in (EN61800-3 cat.C3 up to 150kW*).
  (*European Version and JP Version does not have 150kW.)
- Internal Braking Circuit will be built-in up to 22kW.
- Emergency Stop Function.
- DC Bus AVR Function During Deceleration.
- Using optional WOP operator, SJ300 parameters can be transferred easily to SJ700.

Long lifetime components & Ease of Maintenance

- Long life components for improved maintainability.
- Easily replaceable cooling fans and bus capacitors (15kW and over) speed field maintenance.
- Common wiring terminals with previous model series simplifies replacement wiring.

Easy Operation

- Data comparison function shows only parameters changed from factory default.
- Ability to define 12 user-selectable parameters for display.
- Basic mode shows only most commonly used parameters.

Environmental Friendliness

- Micro Surge Voltage suppress function.
- EU RoHS compliant by restricting to use hazardous substances
- Varnish coating of internal PC board & plating of main circuit copper bus bar as standard.

Global standards

- Conformity to global standards. CE, UL, c-UL, C-Tick approvals.

< CE > < UL,c-UL > < c-Tick >

- RS-485 communication port with Modbus® RTU protocol is available as standard for all models.
- Compatibility with networks such as DeviceNet™ and PROFIBUS®, with communication options.
- Logic input & output terminals are selectable for sink & source logic.
- Wide Input power voltage range.

SJ700 Series
Applicable motor rating in kW (HP)

		0.4 (1/2)	0.75 (1)	1.5 (2)	2.2 (3)	3.7 (5)	4.0 (5)	5.5 (7.5)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	37 (50)	45 (60)	55 (75)	75 (100)	90 (125)	110 (150)	132 (175)	150 (200)	185 (250)	220 (300)	315 (400)	400 (500)
3-phase 200V	LFUF2	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●									
	LFF2	●	●	●	●	●		●	●	●	●	●	●	●	●	●	●									
3-phase 400V*1	HFEF2		●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●
	HFUF2		●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●
	HFF2		●	●	●	●		●	●	●	●	●	●	●	●	●	●	●	●	●		●	●	●	●	●

●: Available

*1 : Model name (185kW to 400kW) : HF2, HFE2, HFU2

SJ700B Series

Inverter designed for fans & pumps plus conveyors

Feature

High starting torque 150% (90kW and over: 120%) at 0.5Hz

- Sensorless Vector Control so the SJ700B can be applied to constant torque loads where high starting torque is needed.
- On-line/off-line auto-tuning.

Long lifetime components & Ease of Maintenance

- Design lifetime 10 Years or more for DC bus capacitors & Cooling Fan.
- Life time warning function.
- Field replacement of cooling fan(s) and DC bus capacitors (18.5kW and over) can be accomplished in a fraction of the time.
- Move existing L300P logic terminal strip to SJ700B without wiring change.
  *SJ700B series standard control terminals are the same as SJ700/SJ300. Output terminals are all open collector type.
- Read L300P parameters via WOP remote operator and write them to SJ700B.

Various versatile functions and compact design to save space

- Sequence operation is realized by downloading to an inverter a program created with Hitachi's ProDriveNext software.
- External components can be simplified or eliminated, resulting in cost-savings.
- EMC Filter is built in for all models*1.
- Dynamic brake circuit is included up to 30kW.
- Over-current suppress functions reduce nuisance tripping.

Global standards

- Conformity to global standards. CE*1, UL, c-UL, C-Tick approvals.

< CE > < UL,c-UL > < c-Tick >

- Logic input & output terminals are selectable for sink & source logic.
- Input voltage 200V to 240V for 200V class and 380V to 480V for 400V class as standard.
- A serial RS-485 Modbus® RTU port is standard.
- The SJ700B can communicate via DeviceNet™ and PROFIBUS® with optional expansion cards.

SJ700B Series
Applicable motor rating in kW (HP)

		5.5 (7.5)	7.5 (10)	11 (15)	15 (20)	18.5 (25)	22 (30)	30 (40)	37 (50)	45 (60)	55 (75)	75 (100)	90 (125)	110 (150)	132 (175)	160 (220)
3-phase 200V	LFUF			●	●	●	●	●	●	●	●	●				
3-phase 400V	HFF	●*1	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	HFUF		●	●	●	●	●	●	●	●	●	●	●	●	●	●

●: Available

●DeviceNet is a trademark of Open DeviceNet Vendor Association.
●PROFIBUS is a registered trademark of Profibus Nutzer Organization.
●Modbus is a registered trademark of Modicon Inc. (Schneider Automation International).

*1 : 5.5kW is without EMC Filter and CE Mark.

Dimensions [Unit: mm(inch)] (Inches for reference only)

NE-S1-	SB	002	004	—	007	015	022
	LB	002	004	007	—	015	022
Width		68	68	68	108	108	108
Height		128	128	128	128	128	128
Depth		76	91	115	96	107	125

WJ200-	MF	—	—	004	—	007	—	—	—	—	—
	SF	001, 002	004	—	—	—	007-022	—	—	—	—
	LF	001, 002	004	—	007	—	015, 022	037	055, 075	110	150
	HF	—	—	—	—	004	007-030	040	055, 075	110, 150	—
Width		68(2.68)	68(2.68)	68(2.68)	68(2.68)	108(4.25)	108(4.25)	140(5.51)	140(5.51)	180(7.09)	220(8.66)
Height		128(5.04)	128(5.04)	128(5.04)	128(5.04)	128(5.04)	128(5.04)	128(5.04)	260(10.24)	296(11.65)	350(13.78)
Depth		109(4.29)	122.5(4.82)	132.5(5.22)	145.5(5.73)	143.5(5.65)	170.5(6.71)	170.5(6.71)	155(6.10)	175(6.89)	175(6.89)

X200-	SFEF2	002	004	005, 007	011-022	—
	HFEF2	—	—	004	007-040	055, 075
	NFU2	002	004	007	015, 022	—
	LFU2	—	—	—	037	055, 075
	HFU2	—	—	004	007-040	055, 075
Width		80(3.15)	80(3.15)	110(4.33)	110(4.33)	180(7.09)
Height		155(6.10)	155(6.10)	189(7.44)	189(7.44)	250(9.84)
Depth		93(3.66)(*1)	107(4.21)(*1)	128(5.04)(*1)	155(6.10)(*1)	165(6.50)(*1)

SJ700-	HFEF2	007-040	055-110	150-220	300	370-550	—	750, 900	1100, 1320	1850, 2200	3150	4000
	LFUF2	004-037	055-110	150-220	300	370-450	550	—	—	—	—	—
	HFUF2	007-040	055-110	150-220	300	370-550	—	750, 900	1100, 1500	1850, 2200	3150	4000
Width		150(5.91)	210(8.27)	250(9.84)	310(12.20)	390(15.35)	480(18.90)	390(15.35)	480(18.90)	695(27.36)	680(26.77)	1050(41.34)
Height		255(10.04)	260(10.24)	390(15.35)	540(21.26)	550(21.65)	700(27.56)	700(27.56)	740(29.13)	995(39.17)	1300(51.18)	1700(66.93)
Depth		140(5.51)	170(6.69)	190(7.48)	195(7.68)	250(9.84)	250(9.84)	270(10.63)	270(10.63)	370(14.57)	450(17.72)	450(17.72)

SJ700B-	HFF	055	075-150	185-300	370	450-750	—	900, 1100	1320, 1600
	LFUF	—	075-150	185-300	370	450, 550	750	—	—
	HFUF	—	075-150	185-300	370	450-750	—	900, 1100	1320, 1600
Width		150(5.91)	210(8.27)	250(9.84)	310(12.20)	390(15.35)	480(18.90)	390(15.35)	480(18.90)
Height		255(10.04)	260(10.24)	390(15.35)	540(21.26)	550(21.65)	700(27.56)	700(27.56)	740(29.13)
Depth		140(5.51)	170(6.69)	190(7.48)	195(7.68)	250(9.84)	250(9.84)	270(10.63)	270(10.63)

*1: Add 4.4mm (0.17inch) for potentiometer.

MEMO

Information in this brochure is subject to change without notice.

For further information, please contact your nearest sales representative.

Hitachi Industrial Equipment Systems Co., Ltd.

ISO 14001 **ISO 9001** JQA-1153	Hitachi variable frequency drives (inverters) in this brochure are produced at the factory registered under the ISO 14001 standard for environmental management system and the ISO 9001 standard for inverter quality management system.

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