

High Reliability, High Performance and Value  $\beta i$  series SERVO

**FANUC AC SERVO MOTOR  $\beta i$  series**  
**FANUC AC SPINDLE MOTOR  $\beta i$  series**  
**FANUC SERVO AMPLIFIER  $\beta i$  series**

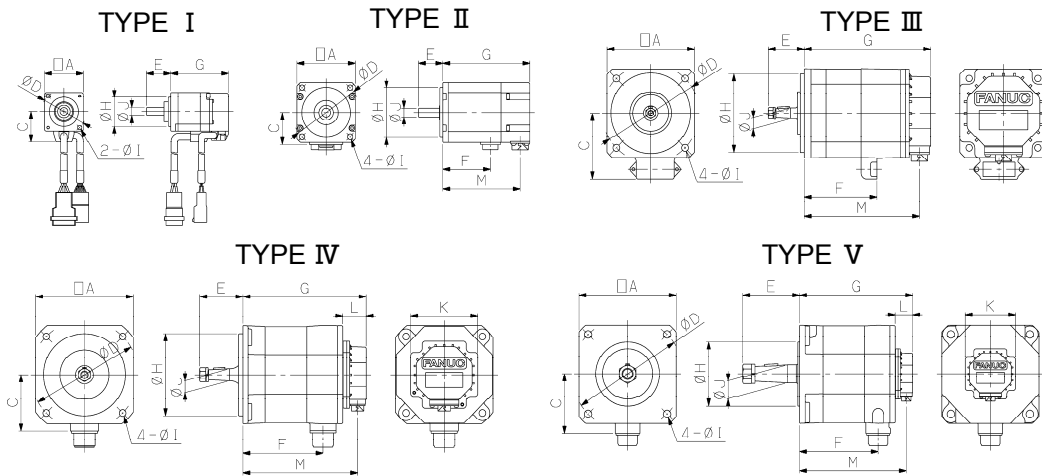
Specifications & Outline Dimensions

# FANUC AC SERVO MOTOR $\beta i S$ series

Motor Model	$\beta i S$ series														
	$\beta i S 0.2$ /5000	$\beta i S 0.3$ /5000	$\beta i S 0.4$ /5000	$\beta i S 0.5$ /6000	$\beta i S 1$ /6000	$\beta i S 2$ /4000	$\beta i S 4$ /4000	$\beta i S 8$ /3000	$\beta i S 12$ /2000	$\beta i S 12$ /3000	$\beta i S 22$ /2000	$\beta i S 22$ /3000	$\beta i S 30$ /2000	$\beta i S 40$ /2000	
Rated output (kW)	0.05	0.1	0.13	0.35	0.5	0.5	0.75 *3)	1.2	1.4	1.8	2.5	3	3	3	
Stalling torque (Nm)	0.16	0.32	0.4	0.65	1.2	2	3.5	7	11	11	20	20	27	36	
Max.speed (min <sup>-1</sup> )	5000	5000	5000	6000	6000	4000	4000	3000	2000	3000	2000	3000	2000	2000	
Rotor inertia (kgm <sup>2</sup> )	1.9E-06	3.4E-06	0.00001	0.000018	0.000034	0.00029	0.00052	0.0012	0.0023	0.0023	0.0053	0.0053	0.0076	0.0099	
Mass (kg)	0.33	0.44	0.8	1	1.5	3	4	7	12	12	17	17	23	28	
Detector	Standard	ABS 64,000/rev.					ABS 128,000/rev.								
	for $0i$	-					ABS 128,000/rev.				-				
Servo Amplifier ( $\beta i$ )	4		20			20				40		80			
Outline	TYPE I		TYPE II			TYPE III		TYPE IV			TYPE V				
Dimensions(mm)	A	40	40	60	60	60	90	90	130	130	130	174	174	174	174
	C	31	31	32	32	32	66	66	75	75	75	105	105	105	105
	D	$\phi 46$	$\phi 46$	$\phi 70$	$\phi 70$	$\phi 70$	$\phi 100$	$\phi 100$	$\phi 145$	$\phi 145$	$\phi 145$	$\phi 200$	$\phi 200$	$\phi 200$	$\phi 200$
	E	25	25	25	25	30	37	44	58	58	58	102	102	102	102
	F	-	-	34.5	49	78	75	111	108	164	164	141	141	178	215
	G	59.5	73.5	75	89.5	118.5	130	166	166	222	222	202	202	239	276
	H	$\phi 30$	$\phi 30$	$\phi 50$	$\phi 50$	$\phi 50$	$\phi 80$	$\phi 80$	$\phi 110$	$\phi 110$	$\phi 110$	$\phi 114.3$	$\phi 114.3$	$\phi 114.3$	$\phi 114.3$
	I	$\phi 4.5$	$\phi 4.5$	$\phi 5.5$	$\phi 5.5$	$\phi 5.5$	$\phi 6.6$	$\phi 6.6$	$\phi 9$	$\phi 9$	$\phi 9$	$\phi 13.5$	$\phi 13.5$	$\phi 13.5$	$\phi 13.5$
	J	$\phi 8$	$\phi 8$	$\phi 9$	$\phi 9$	$\phi 14$	$\phi 11$ Taper	$\phi 14$ Taper	$\phi 16$ Taper	$\phi 16$ Taper	$\phi 16$ Taper	$\phi 32$ Taper	$\phi 32$ Taper	$\phi 32$ Taper	$\phi 32$ Taper
	K	-	-	-	-	-	-	-	90	90	90	90	90	90	90
	L	-	-	-	-	-	-	-	31	31	31	31	31	31	31
	M	-	-	65	79.5	108.5	119	155	155	211	211	191	191	228	265

- \*1) "S" of  $\beta i S$  means "Strong motor with neodymium magnets".
- \*2) A servo motor with a detector for  $0i$  don't have temperature and ID information, and it can be selected in CNC  $0i$  system, and some servo parameters are different.
- \*3) Rated output of  $\beta i S 4/4000$  with a detector for  $0i$  is 0.5kW.

## Outline Dimensions



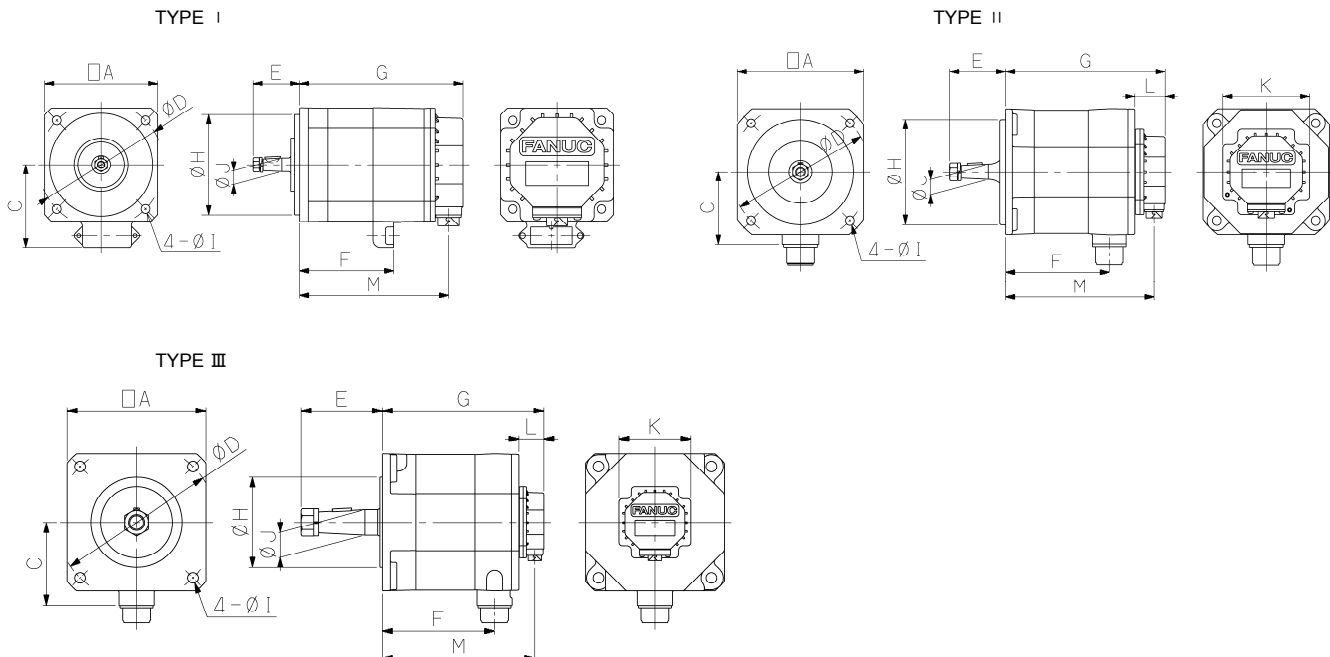
# FANUC AC SERVO MOTOR $\beta i$ Sc series

Motor Model	$\beta i$ Sc series					
	$\beta i$ Sc 2/4000	$\beta i$ Sc 4/4000	$\beta i$ Sc 8/3000	$\beta i$ Sc 12/2000	$\beta i$ Sc 22/2000	
Rated output (kW)	0.5	0.75	1.2	1.4	2.5	
Stalling torque (Nm)	2	3.5	7	11	20	
Max.speed (min <sup>-1</sup> )	4000	4000	3000	2000	2000	
Rotor inertia (kgm <sup>2</sup> )	0.00029	0.00052	0.0012	0.0023	0.0053	
Mass (kg)	3	4	7	12	17	
Detector	ABS 128,000/rev.					
Servo Amplifier ( $\beta i$ )	20				40	
Outline	TYPE I		TYPE II		TYPE III	
Dimensions(mm)	A	90	90	130	130	174
	C	66	66	75	75	105
	D	$\phi$ 100	$\phi$ 100	$\phi$ 145	$\phi$ 145	$\phi$ 200
	E	37	44	58	58	102
	F	75	111	108	164	141
	G	130	166	166	222	202
	H	$\phi$ 80	$\phi$ 80	$\phi$ 110	$\phi$ 110	$\phi$ 114.3
	I	$\phi$ 6.6	$\phi$ 6.6	$\phi$ 9	$\phi$ 9	$\phi$ 13.5
	J	$\phi$ 11Taper	$\phi$ 14Taper	$\phi$ 16Taper	$\phi$ 16Taper	$\phi$ 32Taper
	K	-	-	90	90	90
	L	-	-	31	31	31
	M	119	155	155	211	191

\*1) "S" of  $\beta i$ Sc means "Strong motor with neodymium magnets". "C" of  $\beta i$ Sc means "Cost-effective".

\*2)  $\beta i$ Sc series doesn't have temperature and ID information, and it can be selected in CNC 0i Mate-TD system, and some servo parameters are different.

## Outline Dimensions

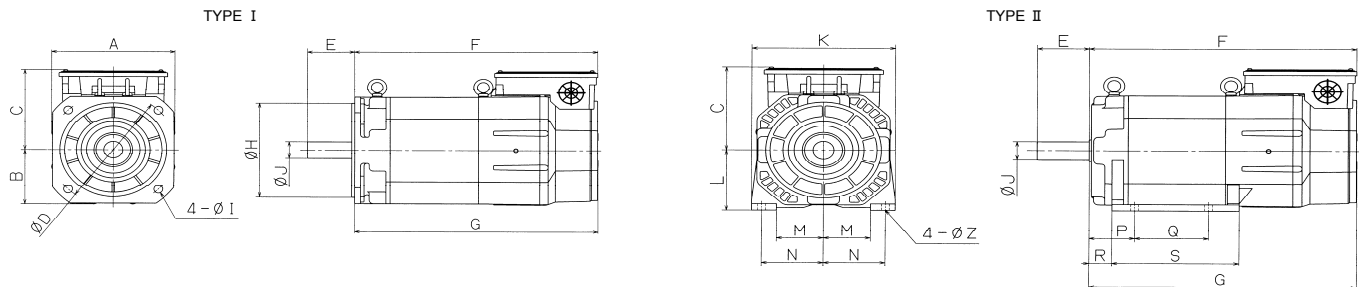


# FANUC AC SPINDLE MOTOR *βII* series

Motor Model		<i>βII</i> series					<i>βII</i> P series						
		<i>βII</i> 3/10000	<i>βII</i> 6/10000	<i>βII</i> 8/10000	<i>βII</i> 12/8000	<i>βII</i> 15/7000	<i>βII</i> P12/6000	<i>βII</i> P15/6000	<i>βII</i> P18/6000	<i>βII</i> P22/6000	<i>βII</i> P30/6000		
Rated output	Cont. rated (*2)	3.7	5.5	7.5	11	15	5.5	7.5	9	11	15		
	(kW)	(2.2)	(3.7)	(2.2)	(6.5)	(9)	(5.5)	(7.5)	(7.5)	(5.5)	(7.5)		
	15min rated (*2)	5.5	7.5	11	15	18.5	7.5	9	11	15	18.5		
Speed	60min rated	3.7	5.5	7.5	11	15	5.5	7.5	9	11	15		
	(kW)	(3)	(5.5)	(3.7)	(7.5)	(11)	(7.5)	(9)	(9)	(7.5)	(9)		
	Base speed	2000	2000	2000	2000	2000	1200	1200	1000	1000	1000		
Power const. range	Cont. rated	1500	1500	1500	1500	1500	750	750	750	750	750		
	15min rated	4500	4500	4500	3500	3500	2500	6000	5000	3000	3000		
	60min rated	2000	2000	2000	2000	2000	1200	1200	1000	1000	1000		
	Max. speed	10000	10000	10000	8000	7000	6000	6000	6000	6000	6000		
Cont. rated torque at const. torque range		17.7	26.3	35.8	52.5	71.6	43.8	59.7	85.9	105	143		
15min. rated torque at const. torque range		35	47.7	70	95.5	117.8	95.5	114.6	140	191	236		
Rotor inertia (GD <sup>2</sup> /4)		0.0078	0.0148	0.0179	0.0275	0.07	0.0275	0.07	0.09	0.105	0.128		
Weight		27	46	51	80	95	80	95	110	125	143		
Vibration		V5 (Rotation component)											
Cooling fan		38			50		100		50			100	
Outline		Frange mounting type : TYPE I , Foot mounting type : TYPE II											
Dimensions (mm)		A	182	182	208	208	264	208	264	264	264	264	
		B	88	88	104	104	132	104	132	132	132	132	
		C	141	141	154	154	181	154	181	181	181	181	
		D	φ 185	φ 185	φ 215	φ 215	φ 265	φ 215	φ 265	φ 265	φ 265	φ 265	
		E	60	60	80	110	110	110	110	110	110	110	
		F	327	427	411	487	433	487	433	465	495	535	
		G	320	420	412	488	432	488	432	464	494	534	
		H	φ 150	φ 150	φ 180	φ 180	φ 230	φ 180	φ 230	φ 230	φ 230	φ 230	
		I	φ 11	φ 11	φ 15	φ 15	φ 15	φ 15	φ 15	φ 15	φ 15	φ 15	
		J	φ 28	φ 28	φ 32	φ 48	φ 48	φ 48	φ 48	φ 48	φ 55	φ 55	
		K	188	188	220	220	290	220	290	290	290	290	
		L	100	100	112	112	160	112	160	160	160	160	
		M	56	56	72	72	95	72	95	95	95	95	
		N	80	80	95	95	127	95	127	127	127	127	
		P	63	63	70	70	108	70	108	108	108	108	
		Q	112	159	114	178	160	178	160	178	140	178	
		R	15	15	35	35	50	35	50	50	50	50	
		S	214	314	196	272	241	272	241	259	259	299	
		Z	φ 12	φ 12	φ 12	φ 12	φ 15	φ 12	φ 15	φ 15	φ 15	φ 15	

- \*1) "I" of *βII* means "Induction". "P" of *βII*P means "wide constant Power range"  
 \*2) The values in parenthesis indicate the rated output at the maximum speed.

## Outline Dimensions



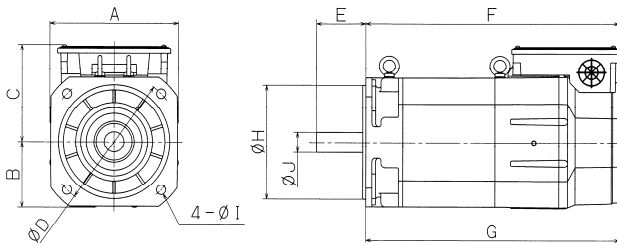
# FANUC AC SPINDLE MOTOR $\beta i$ Ic series

Motor Model		$\beta i$ Ic series				
		$\beta i$ Ic 3/6000	$\beta i$ Ic 6/6000	$\beta i$ Ic 8/6000	$\beta i$ Ic 12/6000	
Rated output	Cont. rated (*2)	3.7	5.5	7.5	11	
	(kW)	(3.0)	(4.4)	(6.0)	(7.5)	
	15min rated (*2)	5.5	7.5	11	15	
	(kW)	(3.7)	(5.5)	(7.5)	(9)	
	60min rated	3.7	5.5	7.5	11	
	(kW)					
Speed	Base speed	Cont. rated ( $\text{min}^{-1}$ )	2000	2000	2000	2000
		15min rated	1500	1500	1500	1500
		60min rated ( $\text{min}^{-1}$ )	1500	1500	1500	1500
	Power const. range	Cont. rated	3500	4500	4000	3500
		15min rated	3500	4500	4000	3500
	60min rated ( $\text{min}^{-1}$ )	2000	2000	2000	2000	
	Max. speed	6000	6000	6000	6000	
	( $\text{min}^{-1}$ )					
Cont. rated torque at const. torque range		(Nm)	17.7	26.3	35.8	52.5
15min. rated torque at const. torque range		(Nm)	35	47.7	70	95.5
Rotor inertia ( $\text{GD}^2/4$ )		( $\text{kgm}^2$ )	0.0078	0.0148	0.0179	0.0275
Weight		(kg)	27	46	51	80
Vibration			V5 (Rotation component)			
Cooling fan		(W)	38		50	
Outline			Frange mounting type : TYPE I , Foot mounting type : TYPE II			
Dimensions (mm)						
	A	182	182	208	208	
	B	88	88	104	104	
	C	141	141	154	154	
	D	$\phi 185$	$\phi 185$	$\phi 215$	$\phi 215$	
	E	60	60	80	110	
	F	327	427	411	487	
	G	320	420	412	488	
	H	$\phi 150$	$\phi 150$	$\phi 180$	$\phi 180$	
	I	$\phi 11$	$\phi 11$	$\phi 15$	$\phi 15$	
	J	$\phi 28$	$\phi 28$	$\phi 32$	$\phi 48$	
	K	188	188	220	220	
	L	100	100	112	112	
	M	56	56	72	72	
	N	80	80	95	95	
	P	63	63	70	70	
	Q	112	159	114	178	
	R	15	15	35	35	
	S	214	314	196	272	
	Z	$\phi 12$	$\phi 12$	$\phi 12$	$\phi 12$	

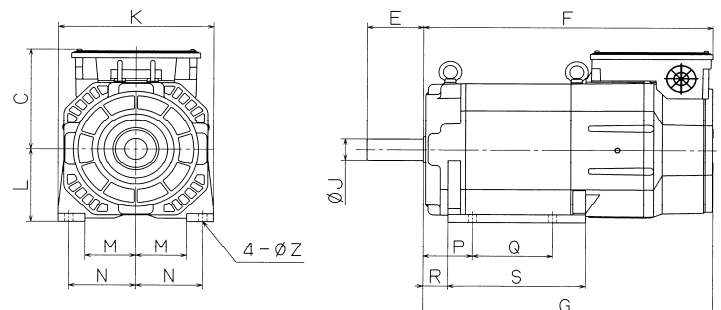
- \*1) "I" of  $\beta i$  I means "Induction". "C" of  $\beta i$  Ic means "Cost-effective"  
 \*2) The values in parenthesis indicate the rated output at the maximum speed.  
 \*3) SPINDLE MOTOR  $\beta i$  Ic series is for Oi Mate-TD only.

## Outline Dimensions

TYPE I



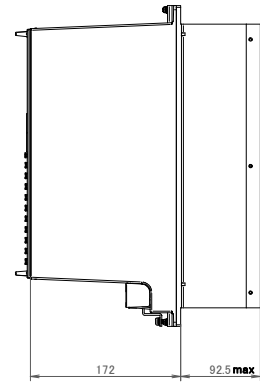
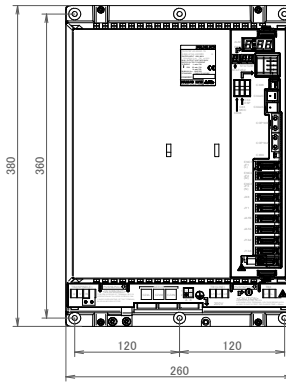
TYPE II



# FANUC SERVO AMPLIFIER $\beta i$ SVSP series

Applied Motor				
Model	Servo L axis	Servo M axis	Servo N axis	Spindle
$\beta i$ SVSP 20/20-7.5	$\beta i$ S 2/4000	$\beta i$ S 2/4000		$\beta i$ it 3/10000
	$\beta i$ S 4/4000	$\beta i$ S 4/4000		$\beta i$ itP 12/6000
$\beta i$ SVSP 20/20-11 *3)	$\beta i$ S 8/3000	$\beta i$ S 8/3000		$\beta i$ it 6/10000
	$\beta i$ S 12/2000	$\beta i$ S 12/2000		$\beta i$ it 8/10000
$\beta i$ SVSP 40/40-15 *3)	$\beta i$ S 12/3000	$\beta i$ S 12/3000		$\beta i$ it 12/8000
	$\beta i$ S 22/2000	$\beta i$ S 22/2000		$\beta i$ itP 22/6000
$\beta i$ SVSP 40/40-18 *3)	$\beta i$ S 12/3000	$\beta i$ S 12/3000		$\beta i$ it 15/7000
	$\beta i$ S 22/2000	$\beta i$ S 22/2000		$\beta i$ itP 30/6000
$\beta i$ SVSP 20/20/40-7.5 *3)	$\beta i$ S 2/4000	$\beta i$ S 2/4000	$\beta i$ S 12/3000 $\beta i$ S 22/2000	$\beta i$ it 3/10000
	$\beta i$ S 4/4000	$\beta i$ S 4/4000		$\beta i$ itP 12/6000
$\beta i$ SVSP 20/20/40-11 *3)	$\beta i$ S 8/3000	$\beta i$ S 8/3000		$\beta i$ it 6/10000
	$\beta i$ S 12/2000	$\beta i$ S 12/2000		$\beta i$ it 8/10000
$\beta i$ SVSP 40/40/40-15 *3)	$\beta i$ S 12/3000	$\beta i$ S 12/3000		$\beta i$ it 12/8000
	$\beta i$ S 22/2000	$\beta i$ S 22/2000		$\beta i$ itP 22/6000
$\beta i$ SVSP 40/40/80-15 *3)	$\beta i$ S 12/3000	$\beta i$ S 12/3000	$\beta i$ S 22/3000 $\beta i$ S 30/2000 $\beta i$ S 40/2000	
	$\beta i$ S 22/2000	$\beta i$ S 22/2000		
$\beta i$ SVSP 40/40/80-18 *3)	$\beta i$ S 12/3000	$\beta i$ S 12/3000	$\beta i$ S 22/3000 $\beta i$ S 30/2000 $\beta i$ S 40/2000	$\beta i$ it 15/7000 $\beta i$ itP 30/6000
	$\beta i$ S 22/2000	$\beta i$ S 22/2000		
$\beta i$ SVSP 80/80/80-18 *3)	$\beta i$ S 22/3000	$\beta i$ S 22/3000	$\beta i$ S 22/3000 $\beta i$ S 30/2000 $\beta i$ S 40/2000	
	$\beta i$ S 30/2000	$\beta i$ S 30/2000		
$\beta i$ SVSP 80/80/80-18 *3)	$\beta i$ S 40/2000	$\beta i$ S 40/2000		
	$\beta i$ S 12/2000	$\beta i$ S 12/2000		

Outline Dimensions  
 $\beta i$ SVSP



- \*1) "SV" of  $\beta i$ SVSP means "SerVo" and "SP" means "SPindle".
- \*2) Smaller motor model is available by changing parameters.
- \*3) Separated fan motor from FANUC is required.

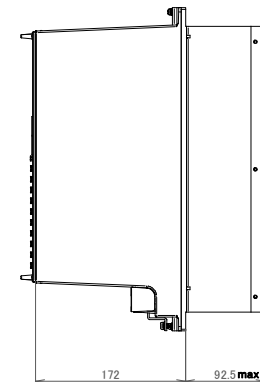
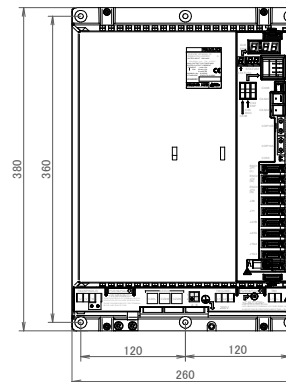
Specifications

Item	Specification
Power Supply Voltage (Power)	3 $\phi$ AC200V-240V
Power Supply Voltage (Control)	DC24V/1.5A
Dynamic Brake	Built-in
Applied CNC	0i-MODEL D, 0i Mate-MODEL D

# FANUC SERVO AMPLIFIER $\beta i$ SVSPc series

Applied Motor				
Model	Servo L axis	Servo M axis	Servo N axis	Spindle
$\beta i$ SVSPc 20/20-7.5	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000		$\beta i$ itc 3/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 20/20-7.5L *3)	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000		$\beta i$ itc 6/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 20/20-11 *3)	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000		$\beta i$ itc 8/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 40/40-15 *3)	$\beta i$ Sc 22/2000	$\beta i$ Sc 22/2000		$\beta i$ itc 12/6000
$\beta i$ SVSPc 20/20/20-7.5	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000 $\beta i$ Sc 4/4000 $\beta i$ Sc 8/3000 $\beta i$ Sc 12/2000	$\beta i$ itc 3/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 20/20/20-7.5L *3)	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000 $\beta i$ Sc 4/4000 $\beta i$ Sc 8/3000 $\beta i$ Sc 12/2000	$\beta i$ itc 6/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 20/20/20-11 *3)	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000	$\beta i$ Sc 2/4000 $\beta i$ Sc 4/4000 $\beta i$ Sc 8/3000 $\beta i$ Sc 12/2000	$\beta i$ itc 8/6000
	$\beta i$ Sc 4/4000	$\beta i$ Sc 4/4000		
	$\beta i$ Sc 8/3000	$\beta i$ Sc 8/3000		
	$\beta i$ Sc 12/2000	$\beta i$ Sc 12/2000		
$\beta i$ SVSPc 40/40/40-15 *3)	$\beta i$ Sc 22/2000	$\beta i$ Sc 22/2000	$\beta i$ Sc 22/2000	$\beta i$ itc 12/6000

Outline Dimensions  
 $\beta i$ SVSPc



- \*1) "SV" of  $\beta i$ SVSPc means "SerVo" and "SP" means "SPindle".
- \*2) Smaller motor model is available by changing parameters.
- \*3) Separated fan motor from FANUC is required.
- \*4) "C" of  $\beta i$ SVSPc means "Cost-effective".
- \*5)  $\beta i$ SVSPc series is for CNC 0i Mate-TD only.

Specification

Item	Specification
Power Supply Voltage (Power)	3 $\phi$ AC200V-240V
Power Supply Voltage (Control)	DC24V/1.5A
Dynamic Brake	Built-in
Applied CNC	0i Mate-TD

# FANUC SERVO AMPLIFIER *βiSV* series

## 1axis 200V type

Model	<i>βiSV</i> 4	<i>βiSV</i> 20 *3)	<i>βiSV</i> 40	<i>βiSV</i> 80 *4)
Interface	FSSB I/O Link			
Applicable motor	<i>βiS</i> 0.2/5000 <i>βiS</i> 0.3/5000	<i>βiS</i> 0.4/5000, <i>βiS</i> 0.5/6000 <i>βiS</i> 1/6000, <i>βiS</i> 2/4000 <i>βiS</i> 4/4000, <i>βiS</i> 8/3000 <i>βiS</i> 12/2000 <i>αiS</i> 2/6000, <i>αiS</i> 4/5000 <i>αiF</i> 1/5000, <i>αiF</i> 2/5000	<i>βiS</i> 12/3000 <i>βiS</i> 22/2000  <i>αiF</i> 4/4000, <i>αiF</i> 8/3000	<i>βiS</i> 22/3000   <i>αiS</i> 8/4000, <i>αiS</i> 12/4000 <i>αiF</i> 12/3000, <i>αiF</i> 22/3000
Max current	4Ap	20Ap	40Ap	80Ap
Power supply voltage (Power)	AC200V~AC240V 3φ AC220V~AC240V 1φ *2)		AC200V~AC240V 3φ	
Power supply voltage (Control)	DC24V			
Dynamic brake	Internal			

\*1) "SV" of *βiSV* means "SerVo".

\*2) In case of single phase input, applicable motor and output power should be limited.

\*3) By a motor model to be driven, separated fan motor from FANUC is required.

\*4) Separated fan motor from FANUC is required.

## 2axis 200V type

Model	<i>βiSV</i> 20/20		<i>βiSV</i> 40/40	
Interface	FSSB			
Applicable motor	SERVO L axis	SERVO M axis	SERVO L axis	SERVO M axis
	<i>βiS</i> 0.4/5000, <i>βiS</i> 0.5/6000 <i>βiS</i> 1/6000, <i>βiS</i> 2/4000 <i>βiS</i> 4/4000, <i>βiS</i> 8/3000 <i>βiS</i> 12/2000 <i>αiS</i> 2/6000, <i>αiS</i> 4/5000 <i>αiF</i> 1/5000, <i>αiF</i> 2/5000	<i>βiS</i> 0.4/5000, <i>βiS</i> 0.5/6000 <i>βiS</i> 1/6000, <i>βiS</i> 2/4000 <i>βiS</i> 4/4000, <i>βiS</i> 8/3000 <i>βiS</i> 12/2000 <i>αiS</i> 2/6000, <i>αiS</i> 4/5000 <i>αiF</i> 1/5000, <i>αiF</i> 2/5000	<i>βiS</i> 12/3000 <i>βiS</i> 22/2000  <i>αiF</i> 4/4000 <i>αiF</i> 8/3000	<i>βiS</i> 12/3000 <i>βiS</i> 22/2000  <i>αiF</i> 4/4000 <i>αiF</i> 8/3000
Max current	20Ap	20Ap	40Ap	40Ap
Power supply voltage (Power)	AC200V~AC240V 3φ			
Power supply voltage (Control)	DC24V			
Dynamic brake	Internal			

\*1) "SV" of *βiSV* means "SerVo".

## 1axis 400V type

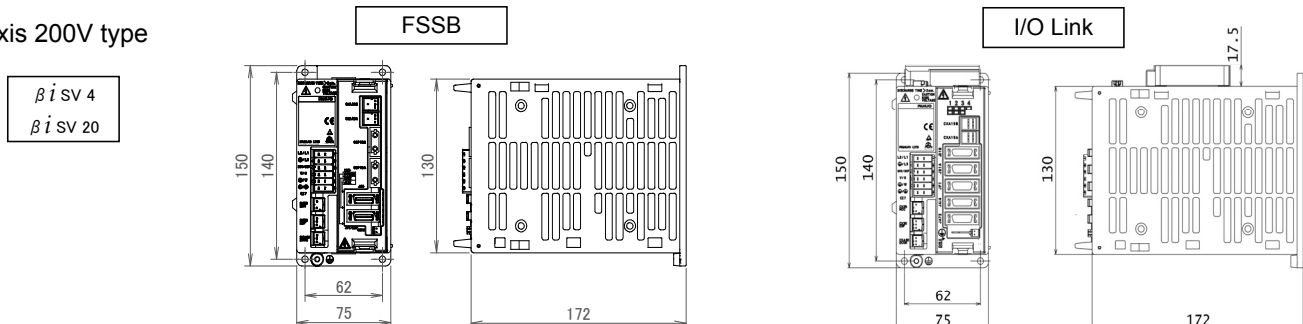
Model	<i>βiSV</i> 10HV	<i>βiSV</i> 20HV	<i>βiSV</i> 40HV *2)
Interface	FSSB I/O Link		
Applicable motor	<i>βiS</i> 2/4000HV <i>βiS</i> 4/4000HV <i>βiS</i> 8/3000HV <i>αiS</i> 2/5000HV <i>αiS</i> 4/5000HV	<i>βiS</i> 12/3000HV <i>βiS</i> 22/2000HV  <i>αiF</i> 4/4000HV, <i>αiF</i> 8/3000HV	<i>βiS</i> 22/3000HV  <i>αiS</i> 8/4000HV <i>αiS</i> 12/4000HV <i>αiF</i> 12/3000HV, <i>αiF</i> 22/3000HV
Max current	10Ap	20Ap	40Ap
Power supply voltage (Power)	AC380V~AC480V 3φ		
Power supply voltage (Control)	DC24V		
Dynamic brake	Internal		

\*1) "SV" of *βiSV* means "SerVo".

\*2) Separated fan motor from FANUC is required.

## Outline Dimensions

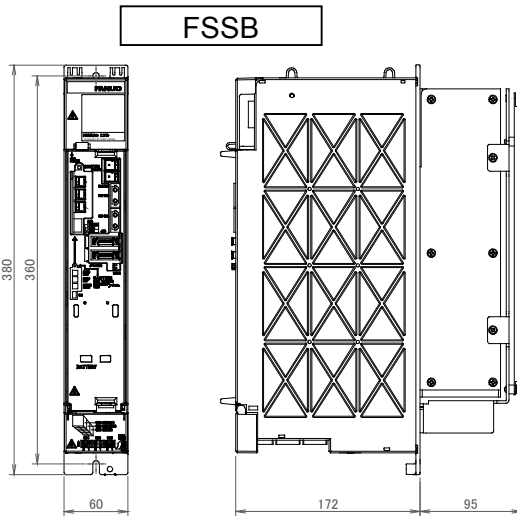
### 1axis 200V type



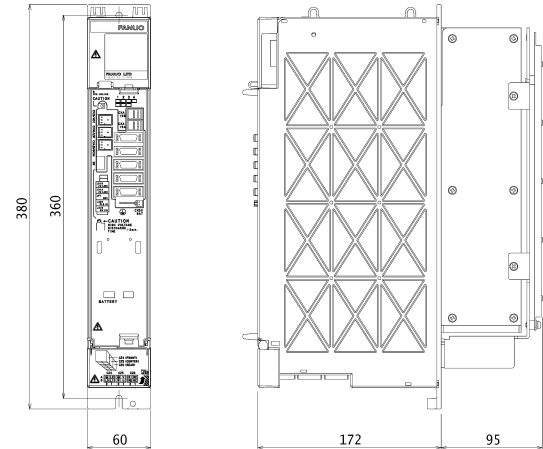
# Outline Dimensions

## 1axis 200V type

$\beta$  iSV 40  
 $\beta$  iSV 80

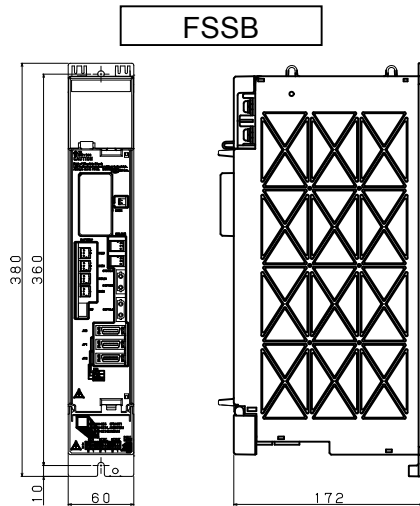


## I/O Link

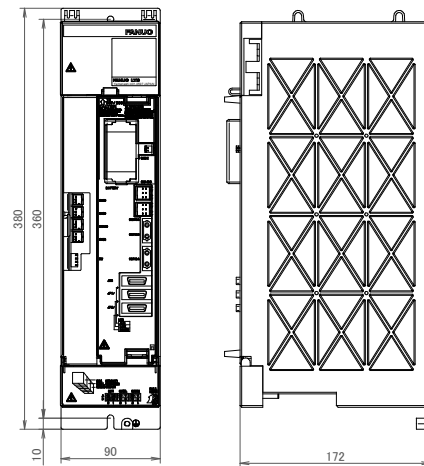


## 1axis 400V type

$\beta$  iSV 10HV  
 $\beta$  iSV 20HV  
 $\beta$  iSV 40HV

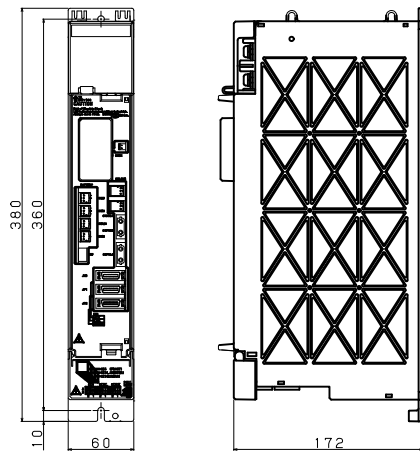


## FSSB



## 2axis 200V type

$\beta$  iSV 20/20  
 $\beta$  iSV 40/40



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Tel 359-2-963-3319 Fax 359-2-963-2873  
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