

## MOTOR END CONNECTOR

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	- Item		Description	
D	Order Number		JZSP-CVM9-1-E	
	Manufacturer		Japan Aviation Electronics Industry, Ltd.	
	User Instructions		JAHL-50020	
	Compo- nents	Plug	JNYFX06SJ3	
		Contacts	ST-TMH-S-C1B	
E	Applicable Wire Sizes		AWG18 to AWG22	
	Applicable Cable Diameter		6.9 mm to 8.3 mm	
	Outer Diameter of Insulating Sheath		1.3 mm to 1.8 mm	
	Mounting Screws		M3 pan-head screws	
	Crimping Tool* Hand Tool		CT170-14-TMH5B	

\* A Crimping Tool is required. Contact the connector manufacturer for details.

External Dimensions [mm]

<u>∞</u>

Pin layout

Pin 5

Pin 1

	RAW CABLE	
Item	For Servomotors without Holding Brakes (4 Wires)	
Order Number*	JZSP-CVM29-DD-E (maximum length: 50 m)	
	UL2586 (rated temperature:105°C) AWG20 × 4C	
Specifications	Power lines: AWG20 (0.52 mm <sup>2</sup> ) Outer diameter of insulating sheath: 1.77 mm	
	_	
Finished Diameter	7.3 mm ±0.3 mm	
Internal Structure and Lead Colors	Red Green Vyellow Blue	

\* Replace the boxes ( $\Box\Box$ ) in the order number with the cable length (03, 05, 10, 15, 20, 30, 40, or 50).

## NOTES:

1. If the length of the Servomotor Main Circuit Cable exceeds 20 m, the intermittent duty zone in the torque-motor speed characteristics will become smaller because the voltage drop increases.

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SCALE: NTS

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••	REV	DESCRIPTION	DATE	DRAWN BY
	1	Added 20m note	Jan. 20, 2021	D. LEE
	0	Initial Release	Sept. 3, 2020	D. LEE

SERVOPACK Leads		Servomotor Connec	
Wire Color	Signal	Signal	Pin
Green/yellow	FG	FG	PE
_	_	 _	5
_	_	_	4
Red	Phase U	Phase U	3
White	Phase V	Phase V	2
Blue	Phase W	Phase W	1

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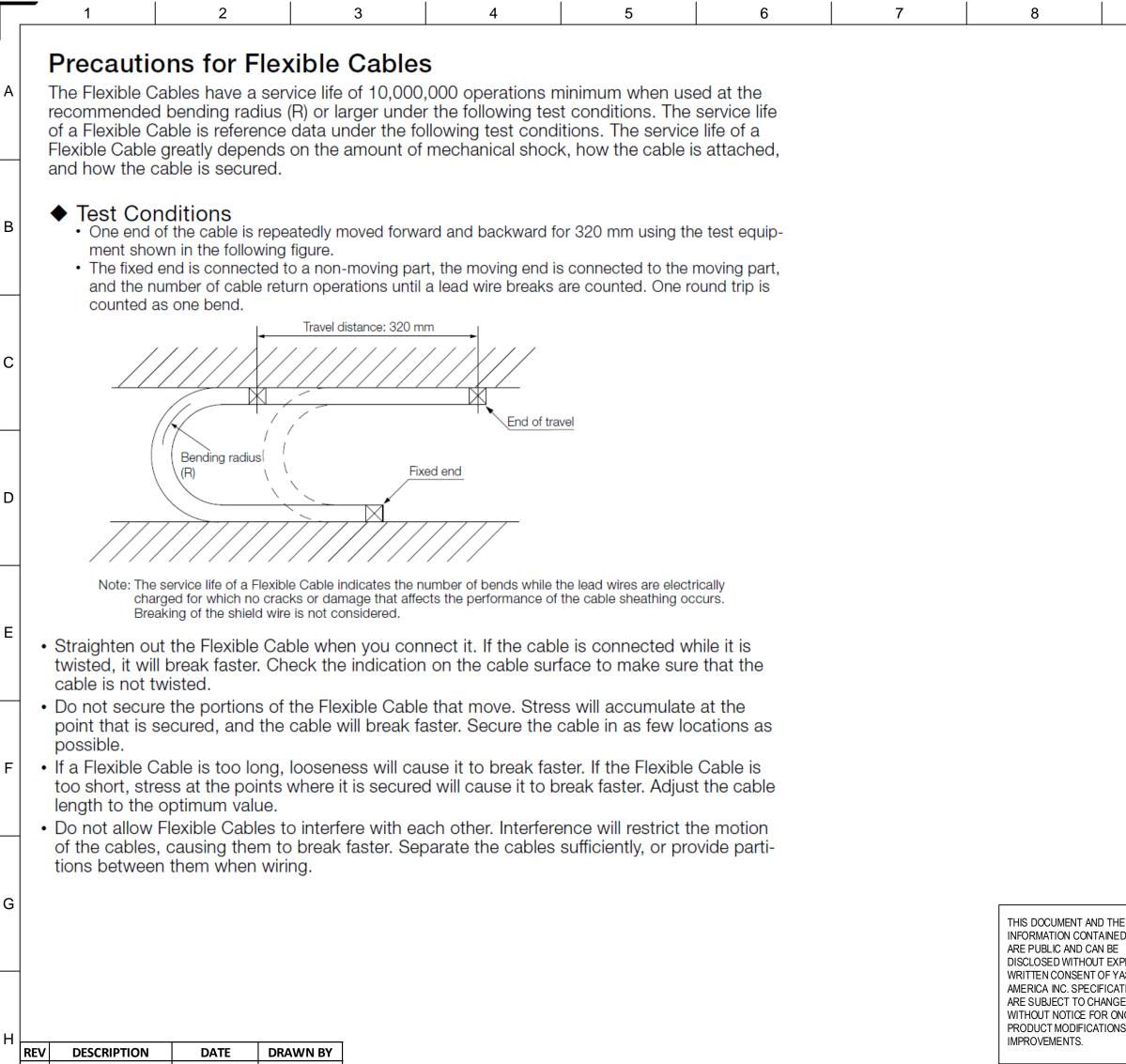
The recommended bend radius is 90mm or larger for moving parts of machines, such as robots. See Page 2 for Precautions for Flexible Cables.

The recommended bend radius is **15mm** or larger for **fixed** installations.

## WIRING SPECIFICATIONS

ITEM NUMBER	L = Length
JZSP-CVM21-03-E	3000
JZSP-CVM21-05-E	5000
JZSP-CVM21-10-E	10000
JZSP-CVM21-15-E	15000
JZSP-CVM21-20-E	20000
JZSP-CVM21-30-E	30000
JZSP-CVM21-40-E	40000
JZSP-CVM21-50-E	50000

THE NED IN IT 3F	YASKAWA			
XPRESS	TITLE:SGM7G -03 TO -05. 300W TO 450W			
YASKAWA	Servomotor Power Cable, No Brake,			
CATIONS	Away From Load, Flex, Non-Shielded			
IGE				
ONGOING	ITEM#:			
ONS AND	JZSP-CVM21-xx-E (xx = See Chart)			
	SIZE:	REVISION:	PAGE:	
	-	1	1 of 2	
UNITS: mm	DRAWING #: CAD-JZ	SP-CVM2	1-x <u>x-E</u>	



'	REV	DESCRIPTION	DATE	DRAWN BY
	1	Added 20m note	Jan. 20, 2021	D. LEE
	0	Initial Release	Sept. 3, 2020	D. LEE

INI	TS: mm	DRAWING #:	SP	-CVM2	21 - x <u>x -</u>	E
		SIZE: -	RI	EVISION: 1	PAGE: 2 of 2	
-	DING ND	ITEM#: JZSP-CVM	21-x	x-E (xx =	See Char	t)
PRESS ASKAWA TIONS		TITLE:SGM7G -03 TO -05. 300W TO 450W Servomotor Power Cable, No Brake, Away From Load, Flex, Non-Shielded				
	ΝIT	YAS				
	JZSP-	CVM21-50-	E	500	000	
	1790 (	CV/M21 50		500	200	

ITEM NUMBER	L = Length
JZSP-CVM21-03-E	3000
JZSP-CVM21-05-E	5000
JZSP-CVM21-10-E	10000
JZSP-CVM21-15-E	15000
JZSP-CVM21-20-E	20000
JZSP-CVM21-30-E	30000
JZSP-CVM21-40-E	40000
JZSP-CVM21-50-E	50000

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