

Stroke length (mm) and max. speed (mm/s) *2																Page
1200	1400	1600	1800	2000	2200	2400	2600	2800	3000	3200	3400	3600	3800	4000 mm		
																348
																352
																356
																364
																372
																380

1600

Max. st: 2550 mm

1.99 sec.

2000

Max. st: 3050 mm

1.93 sec.

2000

Max. st: 3500 mm

2.15 sec.

2000

Max. st: 3500 mm

2.15 sec.

*1: The load capacity when wall mounted is the same as for horizontal mounting.

*2: The max. speed is the speed when the motor mounted by the customer can output a rotation speed of 3000 rpm.

*3: ⌚ shows the positioning time. Maximum stroke when installed horizontally and operated at max. speed and max. acceleration/deceleration.
Note that this is not the value at maximum load capacity.

How to order

How to order

ETV - 06 - 40 010 - D M 1 X C B D P

A B C D E F G H I J K

A Body size *4	
05	Body width 50 mm
06	Body width 65 mm
10	Body width 102 mm
14	Body width 135 mm
17	Body width 170 mm
22	Body width 220 mm

B Lead equivalent *1	
32	32 mm
40	40 mm

C Stroke length	
010	100 mm
to	(In 50 mm increments)
350	3500 mm

D Motor mounting direction *2	
U	Top mounting
D	Bottom mounting
R	Right mounting
S	Right top mounting
T	Right bottom mounting
L	Left mounting
V	Left top mounting
W	Left bottom mounting

E Mounted motor specification	
M	
Y	Refer to the list on the page at right
P	
F	

F Motor capacity	
1	100 W
2	200 W
4	400 W
8	750 W

G Driving belt *4	
X	Standard (rubber)
L	Low dust generation (urethane)

H Origin sensor *3	
N	None
C	Outside, motor side (included at shipment)
D	Outside, motor opposite side (included at shipment)

K Positioning pin hole	
N	None
P	Yes

I Grease nipple	
N	None (Body mounting direction: Standard)
D	None (Body mounting direction: Bottom side)
R	Right
L	Left

J Limit sensor *3	
N	None
B	Outside (included at shipment)

*1: Only ETV-10 supports 32 mm.

*2: Only ETV-05 and 06 support U and D.

Other sizes support only R, S, T, L, V and W.

*3: The sensor dog is assembled at shipment regardless of sensor presence.

*4: For body sizes 05 and 06, Belt L cannot be selected.

Manufacturer	50 W	100 W	200 W	400 W	750 W
Mitsubishi Electric Corporation	M	M	M	M	M
Delta Electronics Co., Ltd.	M	M	M	M	M
Sanyo Denki Co., Ltd.	M	M	M	M	-
YASKAWA Electric Corporation	Y	Y	Y	Y	Y
Keyence Corporation	Y	Y	Y	Y	Y
Panasonic Corporation	P	P	P	P	P
OMRON Corporation	M	M	P	P	P
Fuji Electric Co., Ltd.	M	M	M	M	M
FANUC CORPORATION	F	F	F	F	F
Bosch Rexroth AG	P	P	P	P	P
Rockwell Automation, Inc.	M	M	M	M	M
SIEMENS AG	M	M	M	M	M

Example of model No.

ETV-06-40010-DM1XCBDP

A Body size	: 06 Series
B Lead equivalent	: 40 mm
C Stroke length	: 100 mm
D Motor mounting direction	: Bottom side mounting
E Mounted motor specification	: M (refer to the table on the page at right)
F Motor capacity	: 100 W
G Driving belt	: Standard (rubber)
H Origin sensor	: Outside motor side
I Limit sensor	: Outside
J Grease nipple	: None (Body mounting method: Bottom side)
K Positioning pin hole	: Yes

*This product is composed of an actuator (and motor mounting parts) only; there is no motor attached.
The user must prepare, mount, and adjust the motor and driver.

List of servo motors recommended for mounting

Code	Manufacturer	Series	100 W (ETV-05/06/10 Series)
M	Mitsubishi Electric Corporation	MELSERVO J4	HG-KR13
		MELSERVO J5	HK-KT13W
M	Delta Electronics Co., Ltd.	ECMA-C	ECMA-C10401
M	Sanyo Corporation, Ltd.	SANMOTION R	R2□A04010
Y	YASKAWA Electric Corporation	Σ-V	SGMJV-01
		Σ-7	SGM7J-01
Y	Keyence Corporation	SV	SV-□010
		SV2	SV2-□010
P	Panasonic Corporation	MINAS A5	MSMD01
		MINAS A6	MSMF01
M	OMRON Corporation	G5	R88M-K10030
		1S	R88M-1M10030
M	Fuji Electric Co., Ltd.	ALPHA7 GYS	GYS101D7-□B2□
		ALPHA7 GYB	—
F	FANUC CORPORATION	βiS-B	A06B-0112-B1
P	Bosch Rexroth AG	MSM	MSM019B
M	Rockwell Automation, Inc.	TLP	TLP-A046-010-DKA□2
M	SIEMENS AG	1FK2 *1	1FK2102-1AG0

Code	Manufacturer	Series	200 W (ETV-14 Series)	400 W (ETV-17 Series)	750 W (ETV-22 Series)
M	Mitsubishi Electric Corporation	MELSERVO J4	HG-KR23	HG-KR43	HG-KR73
		MELSERVO J5	HK-KT23W	HK-KT43W	HK-KT7M3W
M	Delta Electronics Co., Ltd.	ECMA-C	ECMA-C10602	ECMA-C10604	ECMA-C10807
M	Sanyo Corporation, Ltd.	SANMOTION R	R2□A06020	R2□A06040	—
Y	YASKAWA Electric Corporation	Σ-V	SGMJV-02	SGMJV-04	SGMJV-08
		Σ-7	SGM7J-02	SGM7J-04	SGM7J-08
Y	Keyence Corporation	SV	SV-□020	SV-□040	SV-□075
		SV2	SV2-□020	SV2-□040	SV2-□075
P	Panasonic Corporation	MINAS A5	MSMD02	MSMD04	MSMD08
		MINAS A6	MSMF02	MSMF04	MSMF08
P	OMRON Corporation	G5	R88M-K20030	R88M-K40030	R88M-K75030
		1S	R88M-1M20030	R88M-1M40030	R88M-1M75030
M	Fuji Electric Co., Ltd.	ALPHA7 GYS	GYS201D7-□B2□	GYS401D7-□B2□	GYS751D7-□B2□
		ALPHA7 GYB	GYB201D7-□B2□	GYB401D7-□B2□	GYB751D7-□B2□
F	FANUC CORPORATION	βiS-B	A06B-2115-B1	A06B-2116-B1	A06B-2063-B1
P	Bosch Rexroth AG	MSM	MSM031B	MSM031C	MSM041B
M	Rockwell Automation, Inc.	TLP	TLP-A070-020-DKA□2	TLP-A070-040-DKA□2	TLP-A090-075-DKA□2
M	SIEMENS AG	1FK2 *1	1FK2203-2AG0	1FK2203-4AG0	1FK2204-5AK0

*Contact CKD for mounting other than the above motors and products of other motor manufacturers.

*1: The servo motor is subject to the regulations of Export Trade Control Order Appendix Table 1 Item 7 (8), and is applicable with regard to its specifications. (as of January 2021)

Servo motor compatible

Stepper motor compatible

Safety precautions