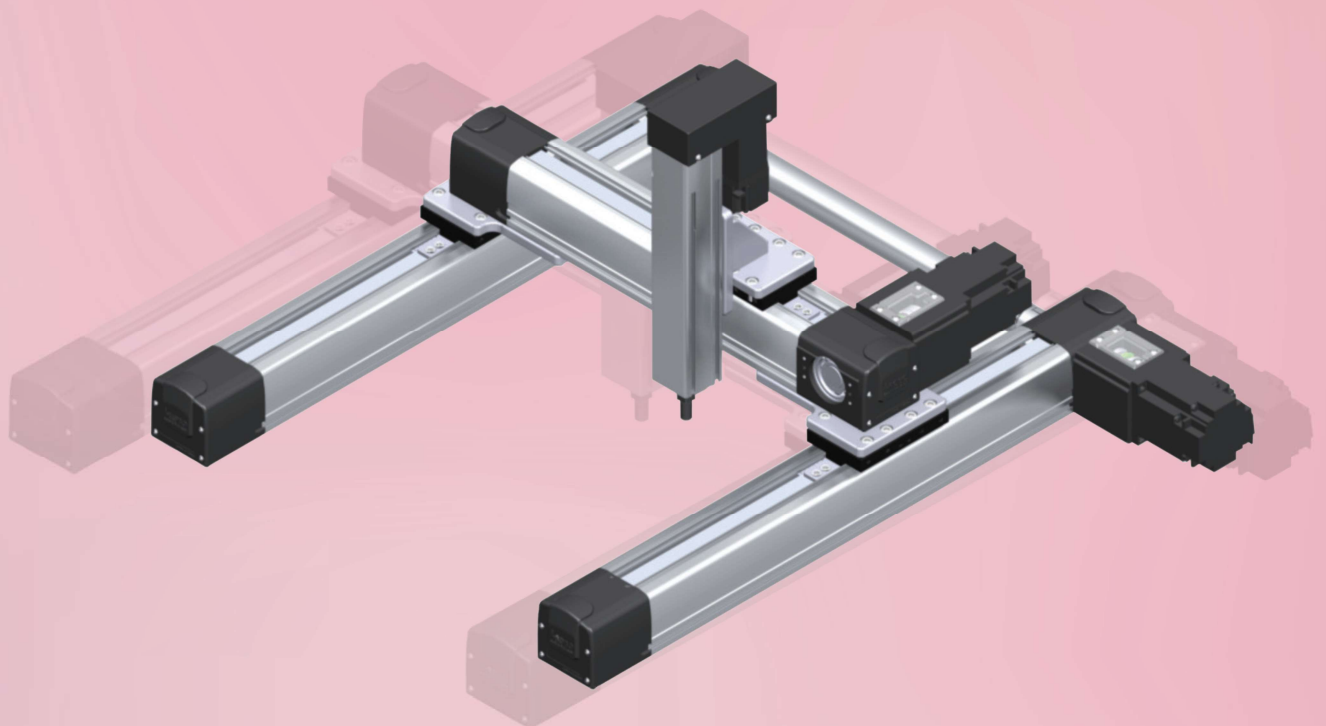


OPEN BELT ACTUATOR

EBA SERIES (BELT TYPE)



EBA SERIES (BELT TYPE)

Main Drive Belt

- S3M 우레탄 벨트를 사용하여 균일한 속도 유지와 가벼운 무게로 정밀 시스템에 적합
Suitable for precision systems with constant speed and light weight using S3M urethane belts
- 철심 보강형 RPP 타입의 벨트를 사용하여 고토크에서 높은 위치 정밀도, 고속 이송시 마찰소음감소 등 기존의 클래식 타입의 타이밍 벨트 사용시 보다 성능이 월등히 개선 됨
A steel-reinforced RPP belt significantly improves performances (ex: high position precision at high torque, reduction of friction noise at high-speed transfer, etc.) compared to an old classical timing
- Belt specification

	BELT TYPE	Width	
EBA 45	S3M	12	
EBA 65	RPP5	20	
EBA 85		30	
EBA 105	RPP8	46	

Structure of Base

- 고강성 컴팩트한 구조
High rigidity and compact design
- User 장비와 맞춤 고정
용이한 Base에 T-slot 방식
T-slot fixation method is used
in base for convenient customized
fixation with equipment.
- 규정토크
Standard torque



	M5	M6	M8
알루미늄 (Aluminum)	45	70	150
주철주물 (Cast-iron)	60	94	205
일반철계 (General iron)	90	140	310

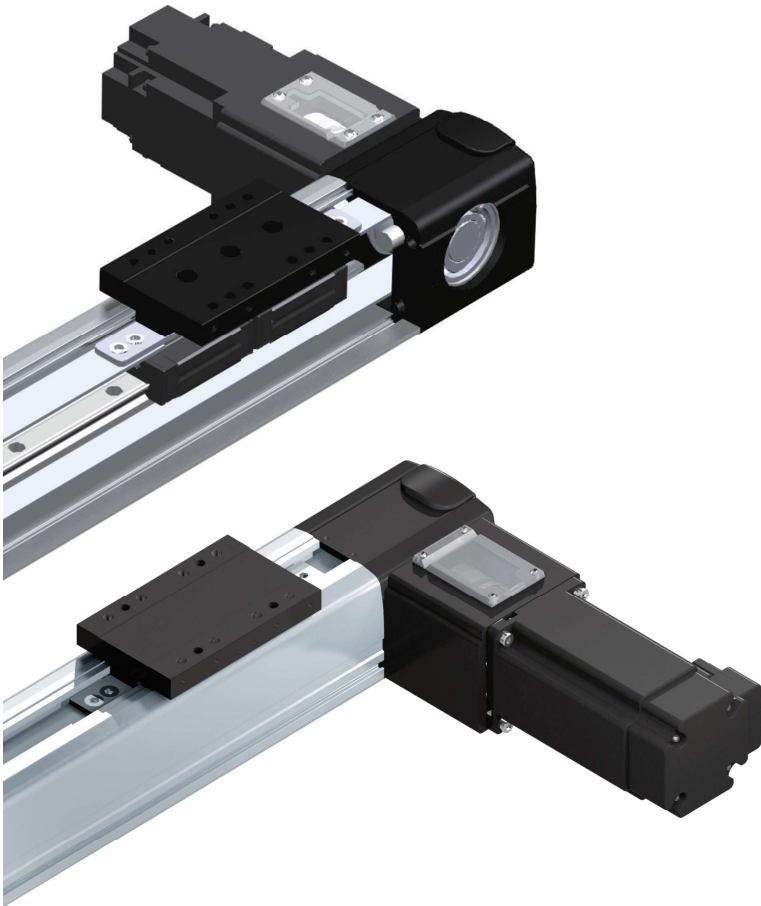
Note 1) 육각렌치머리볼트로 인장강도 10 N/mm² 이상 사용할 것.
As hexagon socket head screw, tensile strength shall be over 10 N/mm²

Note 2) TAP 가공부가 위의 재질 일 때 (단위 : kgf.cm)
When tap machining part are following material

Structure of External Sensor

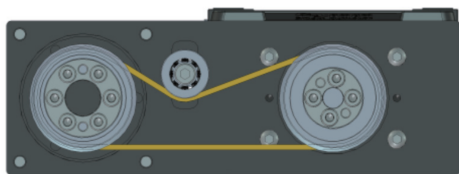
- Actuator의 외부에 근접센서를 부착하여 조립 및 유지 관리가 간편.
Easy and convenient assembly & maintenance with a proximity sensor outside the actuator
- 외장형 센서 : EE-SX674(OMRON)
External Sensor : EE-SX674(OMRON)
- 50 Stroke 일 경우 : 2 EA
50 strokes: 2 units
- 100 Stroke 이상부터 : 3 EA
100 strokes or more: 3 units





■ Pulley and Timing Belt

- 2개의 Pulley와 Timing Belt로 구성
The system consists of 2 pulleys and a timing belt.
- Tension Guide BRG'으로 장력 조절하여 Belt 탈주 및 장력풀림 방지
Belt slipping and tension release are prevented by tension adjustments with a tension guide brg'.



- 특허 제 10-1246611호 (PATENT NUMBER 10-1246611)

■ Zero Backlash Disk Coupling

- 비틀림 강성이 커 고 정밀 위치 제어가 가능.
Increased torsional rigidity enables high-precision position control.
- 클램프 형을 사용하여 Motor 조립이 간편.
The use of clamp-type couplings makes it easy and convenient to assemble the motor.
- 낮은 관성으로 소형 Motor 적용이 용이.
It is easy to apply a small motor, because of low inertia.

■ Motor

- STEP Motor 및 SERVO Motor의 다양한 모터 사용
Diverse STEP and SERVO motors used
- STEP Motor : Page 18 참조
STEP Motor : see page 18
- SERVO Motor : Page 19 참조
SERVO Motor : see page 19

■ Motor Assembly Location



SL : Straight left motor mount



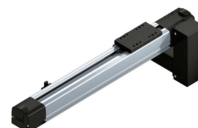
SR : Straight right motor mount



PLU : Parallel left upper motor mount



PRU : Parallel right upper motor mount



PLB : Parallel left bottom motor mount



PRB : Parallel right bottom motor mount



PLF : Parallel left front motor mount



PRF : Parallel right front motor mount

Order Information

Model			Stroke		Sensor		Motor	
Series (1)	Model (2)	Lead (3)	Stroke (4)	Type (5)	Qty (6)	Sensor Position (7)	Brand (8)	Model (9)
EBA	45	25	300	SL	+ 3S	R	[APEX	AB042-003]

(1) Series

EBA : Economy Belt Actuator

(2) Model

45 / 65 / 85 / 105

(3) Lead

75 : 1/1 (EBA45)	26 : R5 (EBA65)
65 : 28/56 (EBA65)	25 : R3 (EBA45)
44.8 : R5 (EBA105)	22.4 : R10 (EBA105)
43 : R3 (EBA65)	18 : R10 (EBA85)
36 : R5 (EBA85)	11.2 : R20 (EBA105)

(4) Stroke

EBA 45 : 300~1800
 EBA 65 : 300~2500
 EBA 85 : 300 ~ 4000
 EBA 105 : 300 ~ 4000

(5) Type

S : Straight motor mount (SL / SR)
 P : Parallel motor mount (PLU / PRU / PLB / PRB / PLF / PRF)

(6) Sensor quantity

3S / 2S / 1S

(7) Sensor position

L : Left
 R : Right

(8) Motor / Reducer Brand

Mitsubishi
 Yaskawa
 Panasonic
 RS Automation

Fastech
 Oriental
 Autonics

Apex
 ATG
 Brato

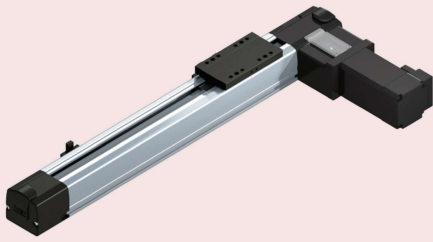
(9) Model

HG-KR 13 / 23 / 43 / 73
 SGMJV-01 / 02 / 04 / 08
 MSMD-01 / 02 / 04 / 08
 CSMT-01 / 02 / 04 / 08

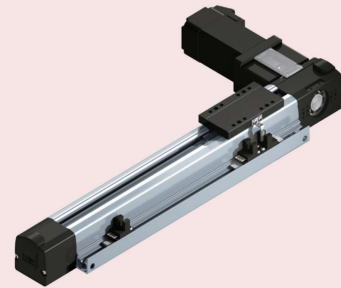
EzM - 42 / 60
 PK56 / ASC-66
 AK-42 / 60

AB 042 / 060 / 090
 PGX 044 / 062 / 090
 BP 044 / 060 / 090

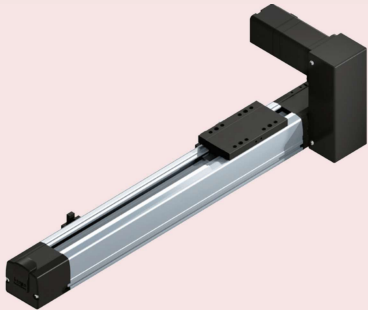
Order Information



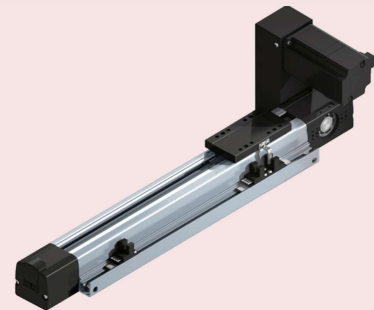
SL : Straight left motor mount



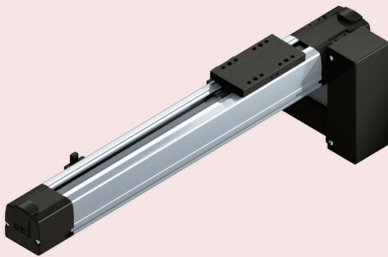
SR : Straight right motor mount



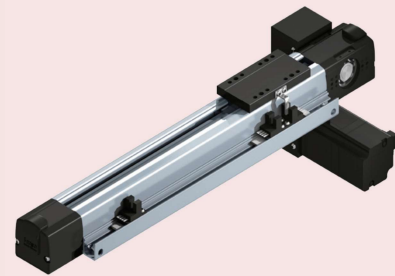
PLU : Parallel left upper motor mount



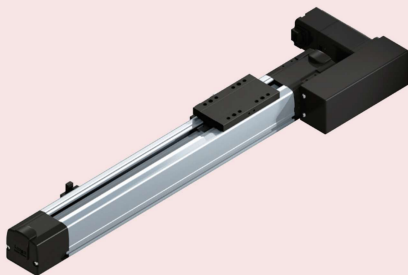
PRU : Parallel right upper motor mount



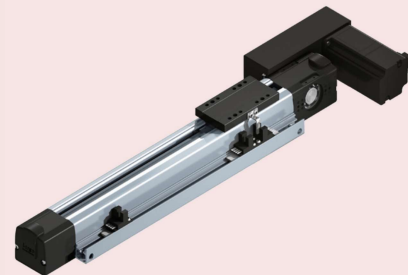
PLB : Parallel left bottom motor mount



PRB : Parallel right bottom motor mount



PLF : Parallel left front motor mount



PRF : Parallel right front motor mount

EBA SERIES Specifications

Model	Width	Motor Rated Output	Lead	Max Load											
			(mm)	(kg)	300	350	400	450	500	550	600	650	700	800	900
EBA 45	 45mm	42(600rpm) ^{주1)}	75	2											
		60(600rpm) ^{주2)}	75	10											
		100W(3000 rpm) ^{주3)}	25 (R3)	4											
EBA 65	 65mm	200W ^{주4)} (3000 rpm)	65 (28/56)	2.5											
			43 (R3)	5											
			26 (R5)	15											
EBA 85	 85mm	400W ^{주5)} (3000 rpm)	36 (R5)	18											
			18 (R10)	70											
EBA 105	 105mm	750W ^{주6)} (3000 rpm)	44.8 (R5)	15											
			22.4 (R10)	70											
			11.2 (R20)	120											

주1) 상기 수치는 파스텍 EzM-42L을 기준으로 작성한 참고 수치임.

The said figures are the reference values prepared based on Fastech's EzM-42L.

주2) 상기 수치는 파스텍 EzM-60L을 기준으로 작성한 참고 수치임.

The said figures are the reference values prepared based on Fastech's EzM-60L.

주3) 상기 수치는 Mitsubishi HG-KR 13 (100W)을 기준으로 작성한 참고 수치이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

The said figures are the reference values prepared based on Mitsubishi HG-KR 13 (100W) so that they are subject to changes depending on a type of motor used.

주4) 상기 수치는 Mitsubishi HG-KR 23 (200W)을 기준으로 작성한 참고 수치이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

The said figures are the reference values prepared based on Mitsubishi HG-KR 23 (200W) so that they are subject to changes depending on a type of motor used.

주5) 상기 수치는 Mitsubishi HG-KR 43 (400W)을 기준으로 작성한 참고 수치 이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

The said figures are the reference values prepared based Mitsubishi HG-KR 43 (400W) so that they are subject to changes depending on a type of motor used.

주6) 상기 수치는 Mitsubishi HG-KR 73 (750W)을 기준으로 작성한 참고 수치 이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

The said figures are the reference values prepared based Mitsubishi HG-KR 73 (750W) so that they are subject to changes depending on a type of motor used.

EBA SERIES Specifications

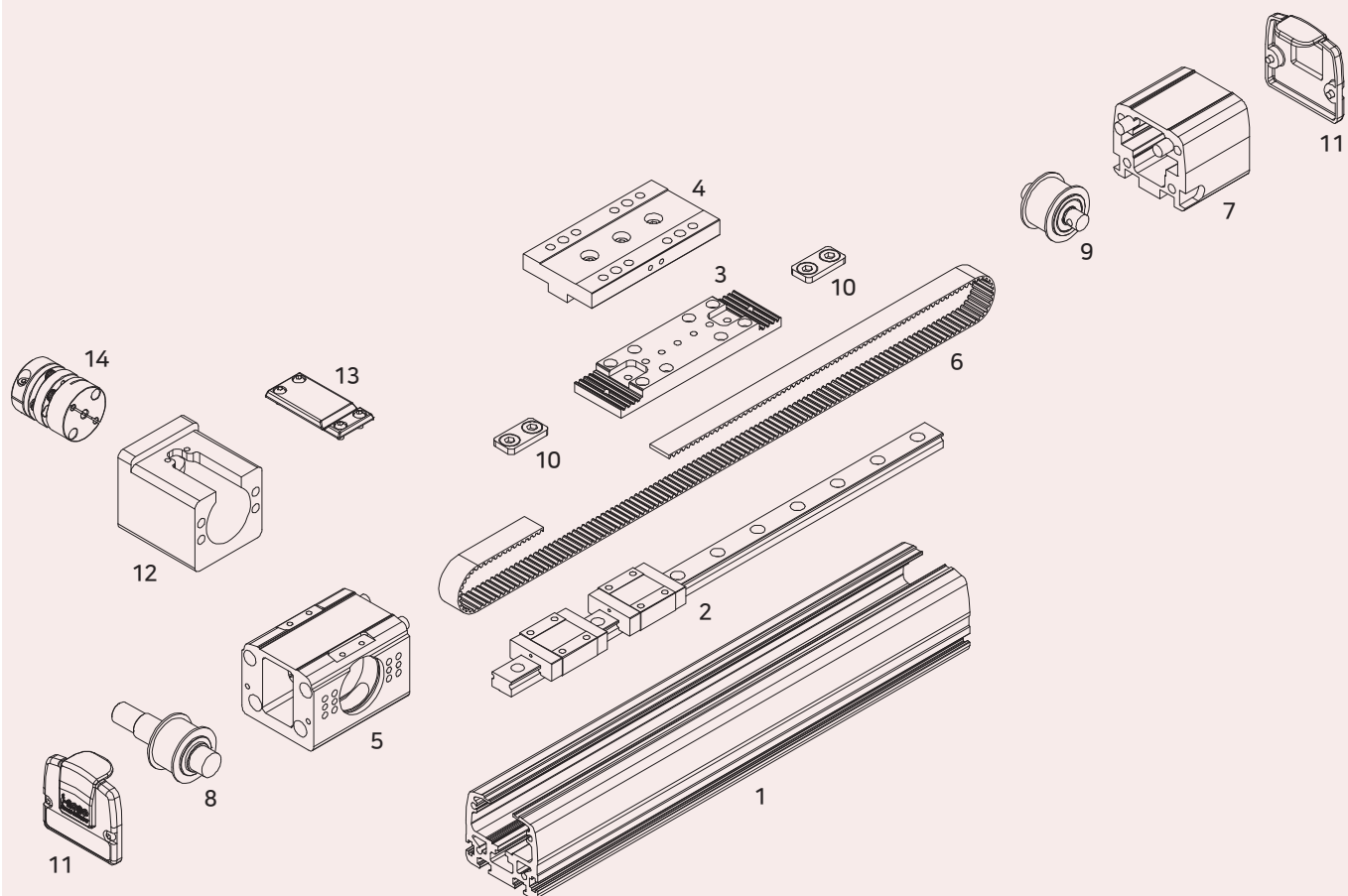
Max Stroke / Max Speed (mm/sec)																																					Page No.
1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600	3700	3800	3900	4000	(mm)						
750																																	1800	234~237			
750																																					
1250																																					
3250																																2500	238~241				
2160																																					
1300																																					
1800																																				4000	242~245
900																																					
2240																																				4000	246~249
1120																																					
560																																					

모델별 폴리비율 참고자료

Model	Lead	Pulley		비율
		모터부(M)	기구부(B)	
EBA 45	-	-	-	-
EBA 65	65	28	56	2
EBA 85	-	-	-	-
EBA 105	-	-	-	-

NOTE

Structure and the name

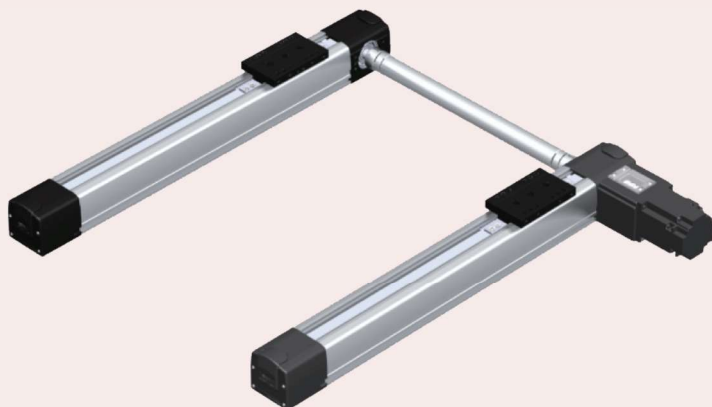


부품번호	부 품 명	부품번호	부 품 명
1	Base	8	Belt Pulley (Front)
2	LM Guide	9	Belt Pulley (Rear)
3	Slide Table-A	10	Belt Fixer Block
4	Slide Table-B	11	Rear Cover
5	Pulley Housing (Front)	12	Motor Housing
6	Belt	13	Coupling Cover
7	Pulley Housing (Rear)	14	Coupling

NOTE

Assorted combination type

XI



X AXIS



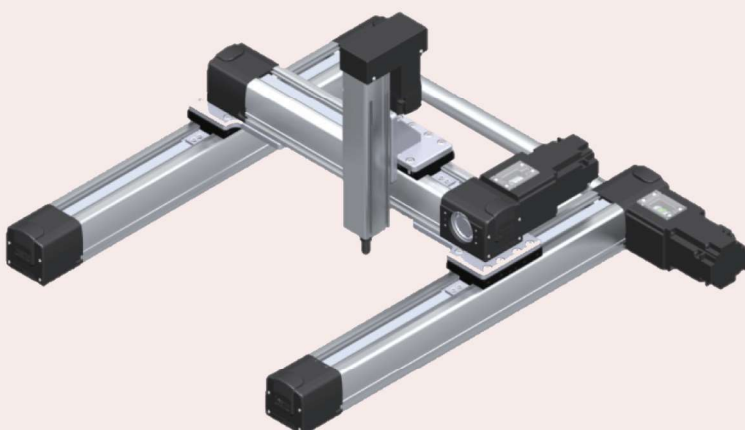
TORSION BAR



Xi AXIS



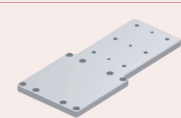
XIYZ-B/F



X AXIS



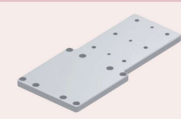
X—Y Bracket



Xi AXIS



Xi—Y Bracket



Y AXIS



Y—Z Bracket



Z AXIS

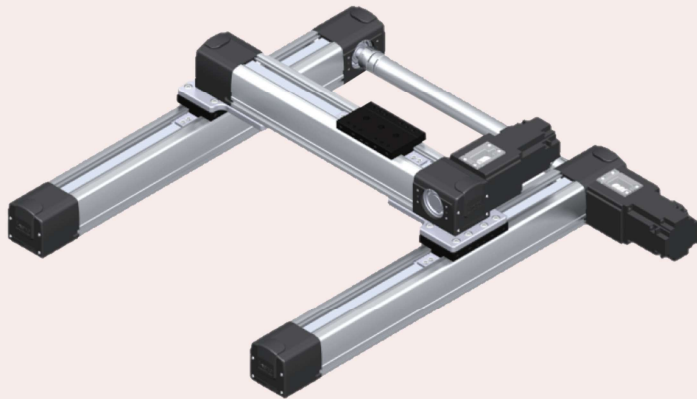


TORSION BAR



Assorted combination type

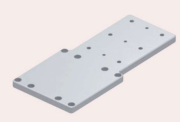
XIY—B



X AXIS



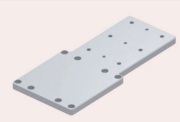
X—Y Bracket



Xi AXIS



Xi—Y Bracket



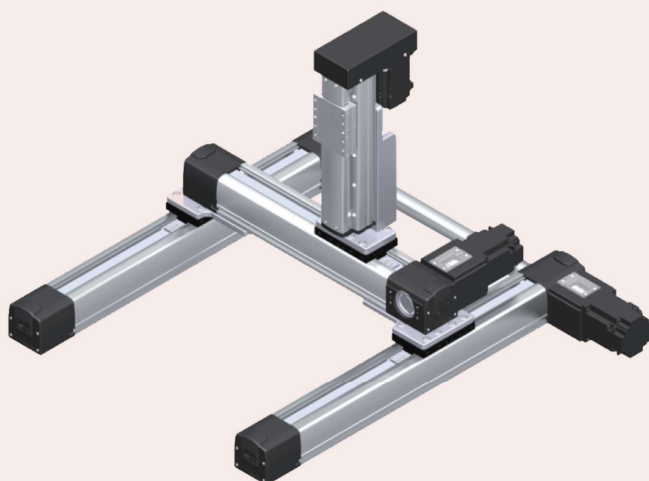
Y AXIS



TORSION BAR



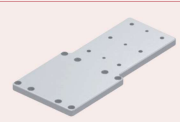
XIYZ-B/V2



X AXIS



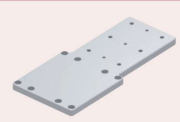
X—Y Bracket



Xi AXIS



Xi—Y Bracket



Y AXIS



Y—Z Bracket



Z AXIS



TORSION BAR



EBA 45 Model



EBA 45-PRF Model

- ▶ 최고속도 1250 mm/s 로 고속화 실현
▶ Body Size : 45 mm / Stroke : 300 ~ 1800 mm 표준사양

Ordering method

EBA 45

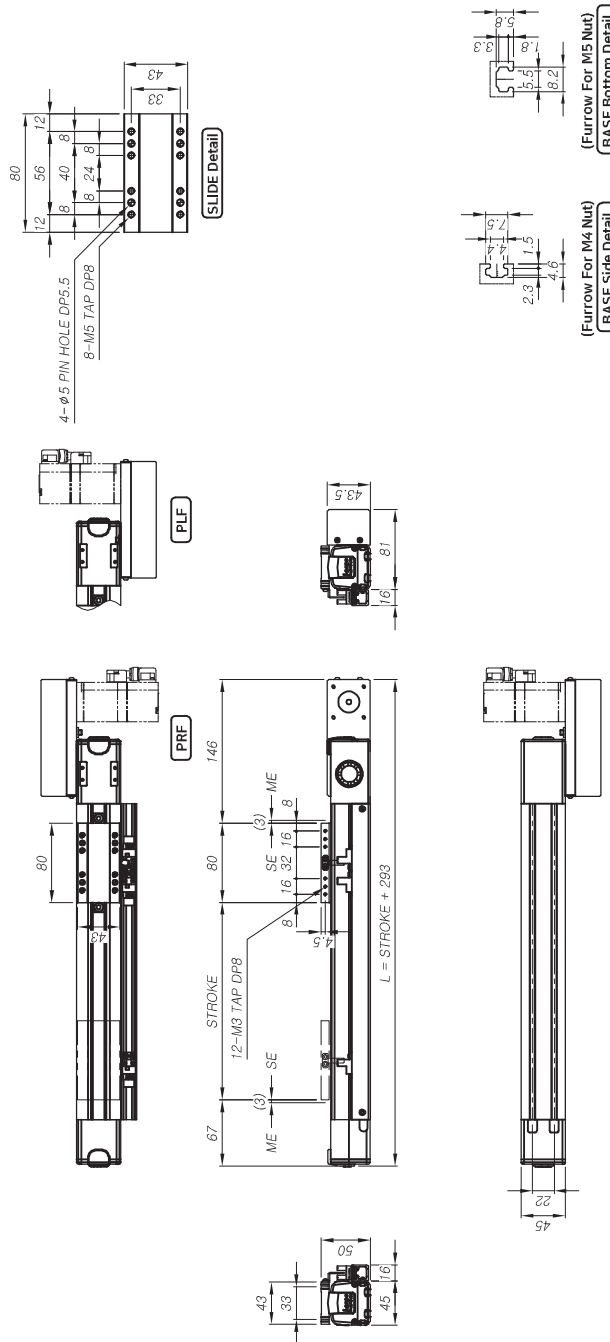
①		-	②			P	F +	③		L
Lead		Stroke		Type		Sensor 수 및 방향				
75		300 ~ 300 mm		SL : Straight Left		<input type="checkbox"/> L : Sensor Left				
25 (1/3)		~ 1800 ~ 1800 mm		SR : Straight Right		<input type="checkbox"/> R : Sensor Right				
				PLU : Parallel Left Upper						
				PRU : Parallel Right Upper						
				PLB : Parallel Left Bottom						
				PRB : Parallel Right Bottom						
				PLF : Parallel Left Front						
				PRF : Parallel Right Front						

① Basic Specification

	□ 75	□ 25 (R3)
Motor Rated Output	□42 [600pm] ⁽³⁾ □42 [600pm] ⁽³⁾	□100 [3000pm] ⁽³⁾ □100 [3000pm] ⁽³⁾
Gear Ratio	-	-
Pulley Ratio	-	1 / 3
Max Load	2 kg ⁽⁴⁾	4 kg ⁽⁴⁾
Max Speed	750 mm/s	1250 mm/s
Repeatability		
Belt	±0.1 mm S3M W=12	
LM Guide	#12M 1 Rail 2Block	

주1) 상기 수치는 파스텍EZM-42L을 기준으로 작성한 참고 수치임.
주2) 상기 수치는 파스텍EZM-60L을 기준으로 작성한 참고 수치임.
주3) 상기 수치는 Mitsubishi HG-KR13 (100W)를 기준으로 작성한 참고 수치 이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

○ Dimension (차수)



모터 사양

S	MITSUBISHI	<input type="checkbox"/> HG-KR 23
E	YASKAWA	<input type="checkbox"/> SGMJV-02
R	Panasonic	<input type="checkbox"/> NSMD-02
V	RS Automation	<input type="checkbox"/> CSMT-02
O	FASTECH	<input type="checkbox"/> EZM-42
		<input type="checkbox"/> EZM-60
S	Oriental	<input type="checkbox"/> PK-56
T		<input type="checkbox"/> ASC-66
E	Autonics	<input type="checkbox"/> AK-42
P		<input type="checkbox"/> AK-60
	Apex	<input type="checkbox"/> AB 042
	ATG	<input type="checkbox"/> PGX 044
R	Brato	<input type="checkbox"/> BP 044
W		
D		
O		
U		
M		
C		

주1) 사이즈는 본 카디로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모델의 제품은 i-ROBO로 문의 바랍니다.

② 시스템 및 금액 (센서포함)

	Unit	□ 300	□ 350	□ 400	□ 450	□ 500	□ 550	□ 600	□ 650	□ 700	□ 800	□ 900	□ 1000	□ 1100	□ 1200	□ 1300	□ 1400	□ 1500	□ 1600	□ 1700	□ 1800
L	mm	593	643	693	743	793	843	893	943	993	1093	1193	1293	1393	1493	1593	1693	1793	1893	1993	2093
Weight	kg	3.0	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4.1	4.4	4.7	4.9	5.3	5.6	5.8	6.1	6.5	6.7	7.0	7.2
Price	¥	520,000	535,000	550,000	560,000	570,000	585,000	600,000	620,000	640,000	680,000	720,000	760,000	800,000	840,000	880,000	910,000	950,000	979,000	1,008,000	1,037,000

③ 세서수량미구성 부품 [별도구매시]

	Unit	□ 1S	□ 2S	□ 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 레일			

EBA 65 Model



EBA 65-PRU Model

① Basic Specification

	<input type="checkbox"/> 65	<input type="checkbox"/> 43 (R3)	<input type="checkbox"/> 26 (R5)
Motor Rated Output	200W [3000 rpm]		
Gear Ratio	-	1 / 3	1 / 5
Pulley Ratio	28 / 56	-	-
Max Load	2.5 kg	5 kg	15 kg
Max Speed	3250 mm/s	2160 mm/s	1300 mm/s
Repeatability	±0.1 mm		
Belt	RPP5 W=20		
LM Guide	#15 iRail ZBlock		

주) 상기 수치는 Mitsubishi HG-KR23 (200W)을 기준으로 작성한참고 수치 이므로, 사용하는 모터에 따라 달라질 수가 있습니다."

○ Dimension (차수)

○모터 사양○

S E R V O	MITSUBISHI	<input type="checkbox"/> HG-KR23
		<input type="checkbox"/> HG-KR43
	YASKAWA	<input type="checkbox"/> SGMV-02
		<input type="checkbox"/> SGMV-04
	Panasonic	<input type="checkbox"/> MSMD-02
		<input type="checkbox"/> MSMD-04
	RS Automation	<input type="checkbox"/> CSMT-02
		<input type="checkbox"/> CSMT-04
	Apex	<input type="checkbox"/> AB 060
	ATG	<input type="checkbox"/> PGX 062
	Brato	<input type="checkbox"/> BP 060
	RwDCUmr	

주1) 사이즈는 본카다로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모터 외 제품은 i-ROBO로 문의 바랍니다.

③ 세서 수량 및 구성 부품 [별도 구매시]

	Unit	□ 1S	□ 2S	□ 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 케이블			

② 시스템의 기본 개념 (세서포함)

Unit	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
L	630	680	730	780	830	880	930	980	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030	2130	2230	2330	2430	2530	2630	2730	2830
Weight	kg	6.0	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.7	9.2	9.8	10.4	10.9	11.4	11.9	12.5	13.0	13.5	14.0	14.6	15.2	15.7	16.2	16.8	17.3
Price	W	660,000	675,000	690,000	705,000	720,000	740,000	760,000	780,000	800,000	840,000	890,000	930,000	970,000	1,020,000	1,060,000	1,100,000	1,140,000	1,200,000	1,260,000	1,320,000	1,380,000	1,440,000	1,490,000	1,550,000	1,610,000	1,670,000

EBA 105

EBA SERIES

EBA 45

EBA SERIES

Ordering method

EBA 65

EBA 65

①

-

②

P

U +

③

L

Model

300mm

Lead

65(28/56)

43(18)

25(8S)

Stroke

300 ~ 300mm

~

2500 ~ 2500mm

Type

SL : Straight Left

SR : Straight Right

PLU : Parallel Left Upper

PRU : Parallel Right Upper

PLB : Parallel Left Bottom

PRB : Parallel Right Bottom

PLF : Parallel Left Front

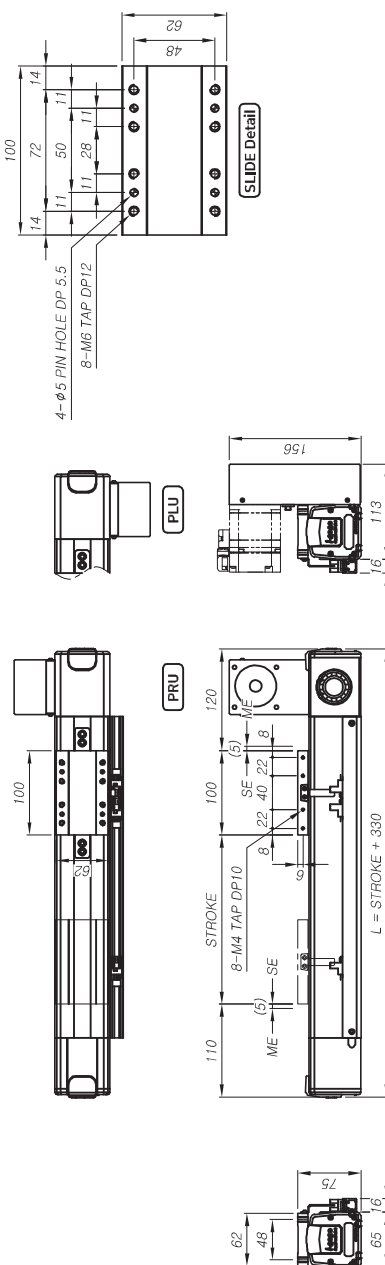
PRF : Parallel Right Front

Sensor 수량 및 위치

☐ L : Sensor Left

☐ R : Sensor Right

○ Dimension (차수)



EBA 105

EBA SERIES

EBA 45

EBA SERIES

EBA SERIES

EBA 45

EBA 65

EBA 85

EBA 105

EBA 65 Model

- ▶ 최고속도 3250 mm/s 로 고속화 실현
- ▶ Body Size : 65 mm / Stroke : 300 ~ 2500 mm 표준 사양

Ordering method

EBA 65

Lead	Stroke	Type	Sensor 수량 및 방향
65(R56)	300 ~ 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
43(R3)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
26(R5)	2500 ~ 2500mm	PLU : Parallel Left Upper	
		PRU : Parallel Right Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

Model	Stroke	Type	Sensor 수량 및 방향
65(R56)	300 ~ 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
43(R3)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
26(R5)	2500 ~ 2500mm	PLU : Parallel Left Upper	
		PRU : Parallel Right Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

Model	Stroke	Type	Sensor 수량 및 방향
65(R56)	300 ~ 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
43(R3)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
26(R5)	2500 ~ 2500mm	PLU : Parallel Left Upper	
		PRU : Parallel Right Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

EBA 65

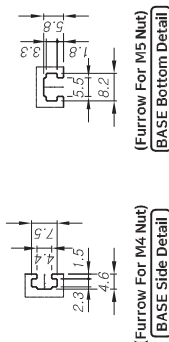
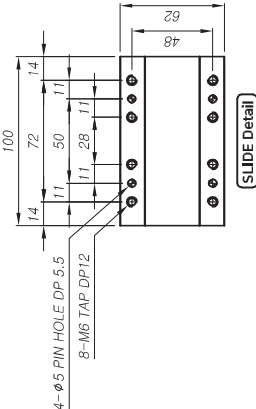
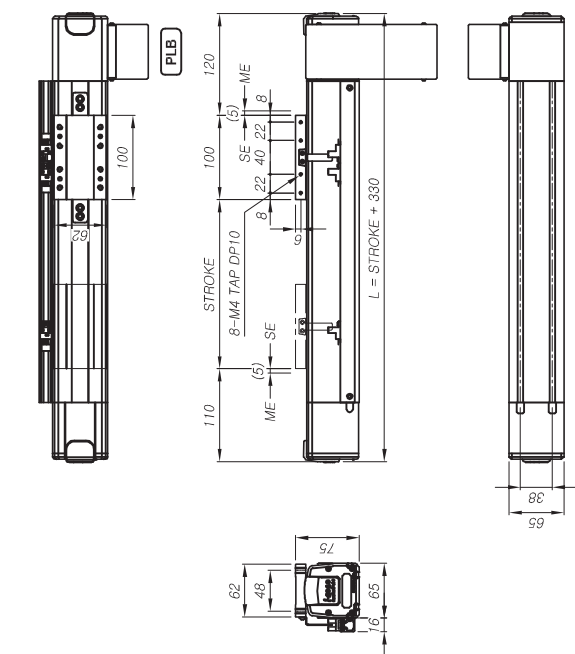
Lead	Stroke	Type	Sensor 수량 및 방향
65(R56)	300 ~ 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
43(R3)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
26(R5)	2500 ~ 2500mm	PLU : Parallel Left Upper	
		PRU : Parallel Right Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

EBA 65

Lead	Stroke	Type	Sensor 수량 및 방향
65(R56)	300 ~ 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
43(R3)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
26(R5)	2500 ~ 2500mm	PLU : Parallel Left Upper	
		PRU : Parallel Right Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

EBA 65-PLB Model

Dimension (치수)



② 스톱크 및 금액 (센서 포함)

Unit	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500
L	630	680	730	780	830	880	930	980	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030	2130	2230	2330	2430	2530	2630	2730	2830
Weight	6.0	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.7	9.2	9.8	10.4	10.9	11.4	11.9	12.5	13.0	13.5	14.0	14.6	15.2	15.7	16.2	16.8	17.3	17.9
Price	660,000	675,000	690,000	705,000	720,000	740,000	760,000	780,000	800,000	840,000	890,000	930,000	970,000	1,020,000	1,060,000	1,100,000	1,140,000	1,200,000	1,260,000	1,320,000	1,380,000	1,440,000	1,490,000	1,550,000	1,610,000	1,670,000	1,730,000

① Basic Specification

Motor Rated Output	65	43 (R3)	26 (R5)
Gear Ratio	-	1 / 3	1 / 5
Pulley Ratio	28 / 56	-	-
Max Load	2.5 kg	5 kg	15 kg
Max Speed	3250 mm/s	2160 mm/s	1300 mm/s
Repeatability	±0.1 mm		
Belt	RPP5 W=20		
LM Guide	#15 1Rail 2Block		

주) 샤프트 수직은 Mitsubishi HG-KR23(200W)을 기준으로 작성한 참고 수치입니다.
사용하는 모터에 따라 달라질 수 있습니다.

○ 모터 사양

S	MITSUBISHI	<input type="checkbox"/> HG-KR23
E	YASKAWA	<input type="checkbox"/> HG-KR43
R	Panasonic	<input type="checkbox"/> SGMJV-02
V	RS Automation	<input type="checkbox"/> SGMJV-04
O	Apex	<input type="checkbox"/> MSMD-02
	ATG	<input type="checkbox"/> MSMD-04
	Brato	<input type="checkbox"/> CSMT-02
		<input type="checkbox"/> CSMT-04
		<input type="checkbox"/> AB 060
		<input type="checkbox"/> PCX 062
		<input type="checkbox"/> BP 060

주) 샤프트는 본 카탈로그 (P18~19)를 참고하시기 바랍니다.
주) 기체되어 있는 모터 외 제품들은 i-ROBO로 문의 바랍니다.

③ 센서 수량 및 구성 부품 별도 구매시

Unit	15	25	35
Price	₩ 30,000	₩ 45,000	₩ 60,000
사양	OMRON EE-SX674		
구성	센서 / 브라켓 / 도그 / 레일		

EBA 65 Model



EBA 65-PRF Model

- ▲최고속도 3250 mm/s 로 고속화 실현
▲Body Size: 65 mm / Stroke : 300 ~ 2500 mm 표준 사양

○ Ordering method

EBA 65

①

RA 65

-

②

P

F +

③

Model

Lead

Stroke

Type

65(50/16)

300: 300mm

SL: Straight Left

43(R3)

~

SR: Straight Right

26(R5)

2500: 2500mm

PLU: Parallel Left Upper

PRU: Parallel Right Upper

PLB: Parallel Left Bottom

PRB: Parallel Right Bottom

PLF: Parallel Left Front

PRF: Parallel Right Front

Sensor 수 및 방향

□□□: Sensor Left

□□□: Sensor Right

① Basic Specification

	<input type="checkbox"/> 65	<input type="checkbox"/> 43 (R3)	<input type="checkbox"/> 26 (R5)
Motor Rated Output	200W [3000 rpm]		
Gear Ratio	-	1 / 3	1 / 5
Pulley Ratio	28 / 56	-	-
Max Load	2.5 kg	5 kg	15 kg
Max Speed	3250 mm/s	2160 mm/s	1300 mm/s
Repeatability	±0.1 mm		
Belt	RPPS W=20		
LM Guide	#15 TRail 2Block		

주) 상기 수치는 Mitsubishi HG-KR23 (200W)을 기준으로 작성한참고 수치 이므로, 사용하는 모터에 따라 달라질 수가 있습니다."

○ Dimension (차수)

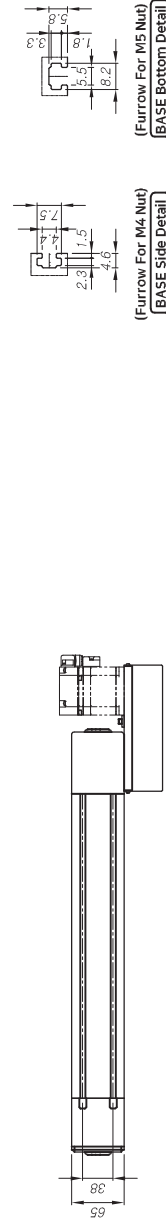
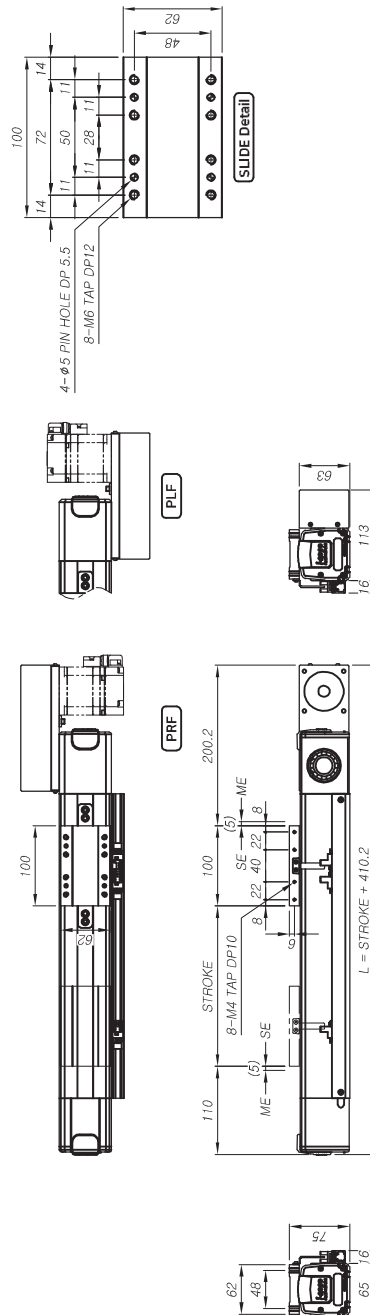
모터 사양

S E R V O	MITSUBISHI	<input type="checkbox"/> HG-KR23
		<input type="checkbox"/> HG-KR43
	YASKAWA	<input type="checkbox"/> SGMJV-02
		<input type="checkbox"/> SGMJV-04
	Panasonic	<input type="checkbox"/> MSMD-02
		<input type="checkbox"/> MSMD-04
	RS Automation	<input type="checkbox"/> CSMT-02
		<input type="checkbox"/> CSMT-04
REDUCER	Apex	<input type="checkbox"/> AB 060
	ATG	<input type="checkbox"/> PGX 062
	Brato	<input type="checkbox"/> BP 060

주1) 사이즈는 본 카다로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모든 외제품은 i-ROBO로 문의 바랍니다.

③ 세서 수양미 구성 부문 [별도 구매시]

	Unit	15	25	35
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 레일			



② 시스템 및 금액 (센서포함)

Unit	<input type="checkbox"/> 300	<input type="checkbox"/> 350	<input type="checkbox"/> 400	<input type="checkbox"/> 450	<input type="checkbox"/> 500	<input type="checkbox"/> 550	<input type="checkbox"/> 600	<input type="checkbox"/> 650	<input type="checkbox"/> 700	<input type="checkbox"/> 800	<input type="checkbox"/> 900	<input type="checkbox"/> 1000	<input type="checkbox"/> 1100	<input type="checkbox"/> 1200	<input type="checkbox"/> 1300	<input type="checkbox"/> 1400	<input type="checkbox"/> 1500	<input type="checkbox"/> 1600	<input type="checkbox"/> 1700	<input type="checkbox"/> 1800	<input type="checkbox"/> 1900	<input type="checkbox"/> 2000	<input type="checkbox"/> 2100	<input type="checkbox"/> 2200	<input type="checkbox"/> 2300	<input type="checkbox"/> 2400	<input type="checkbox"/> 2500	
L	mm	710	760	810	860	910	960	1010	1060	1110	1210	1310	1410	1510	1610	1710	1810	1910	2010	2110	2210	2310	2410	2510	2610	2710	2810	2910
Weight	kg	6.0	6.3	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.7	9.2	9.8	10.4	10.9	11.4	11.9	12.5	13.0	13.5	14.0	14.6	15.2	15.7	16.2	16.8	17.3	17.9
Price	¥	660,000	675,000	690,000	705,000	720,000	740,000	760,000	780,000	800,000	840,000	890,000	930,000	970,000	1,020,000	1,060,000	1,100,000	1,140,000	1,200,000	1,260,000	1,320,000	1,380,000	1,440,000	1,490,000	1,550,000	1,610,000	1,670,000	1,730,000

EBA SERIES

EBA 65

EBA 45

EBA SERIES

EBA 85 Model



EBA 85-PRU Model

① Basic Specification

	□ 36 (R5)	□ 18 (R10)
Motor Rated Output	400W [3000 rpm]	
Gear Ratio	1 / 5	1 / 10
Pulley Ratio	-	-
Max Load	18 kg	70 kg
Max Speed	1800 mm/s	900 mm/s
Repeatability	±0.1 mm	
Belt	RPP5 W=30	
LM Guide	#20 TRail 2Block	

주) 상기 수치는 MitsubishiHG-KR43(400W)을 기준으로 작성한 참고 수치이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

○ Dimension (차수)

○ 모터 사양 ○

R E D U C E R	Apex	<input type="checkbox"/> AB 060 <input type="checkbox"/> AB 090 <input type="checkbox"/> PGX 062 <input type="checkbox"/> PGX 090
	ATG	<input type="checkbox"/> BP 060 <input type="checkbox"/> BP 090
	Brato	

주1) 사이즈는 본카드로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모터 외제품은 I-ROBO로 문의 바랍니다.

③ 세서수량및구성부품 [별도구매시]

	Unit	□ 1S	□ 2S	□ 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 레일			

② 시스템 및 구매 (센서 포함)

Unit	3300	3400	3500	3600	3700	3800	3900	4000	
L	mm	3690	3790	3890	3990	4090	4190	4290	4390
Weight	kg	42.8	43.8	44.9	45.9	46.9	47.9	49.1	50.1
Price	¥	1,977,000	2,010,000	2,043,000	2,075,000	2,108,000	2,141,000	2,174,000	2,206,000

② 시스템 및 금액 (센서포함)

Unit	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	
L	690	740	790	840	890	940	990	1040	1090	1190	1290	1390	1490	1590	1690	1790	1890	1990	2090	2190	2290	2390	2490	2590	2690	2790	2890	2990	3090	3190	3290	3390	3490	3590	
Weight	kg	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.6	16.1	17.1	18.2	19.2	20.3	21.3	22.3	23.3	24.4	25.4	26.4	27.3	28.5	29.5	30.5	31.5	32.6	33.6	34.6	35.6	36.7	37.7	38.8	39.7	40.8	41.8
Price	W	981,000	997,000	1,013,000	1,029,000	1,045,000	1,061,000	1,078,000	1,094,000	1,110,000	1,142,000	1,174,000	1,206,000	1,238,000	1,270,000	1,302,000	1,334,000	1,367,000	1,399,000	1,431,000	1,475,000	1,508,000	1,541,000	1,584,000	1,617,000	1,650,000	1,682,000	1,715,000	1,748,000	1,781,000	1,813,000	1,846,000	1,879,000	1,912,000	1,944,000

Ordering method

EBA 85

EBA 85

①

-

②

P

U +

③

L

Model

Stroke

Lead

300: 300mm

36 (R5)

18 (H10)

4000: 4000mm

Type

SL: Straight Left

SR: Straight Right

PLU: Parallel Left Upper

PRU: Parallel Right Upper

PLB: Parallel Left Bottom

PRB: Parallel Right Bottom

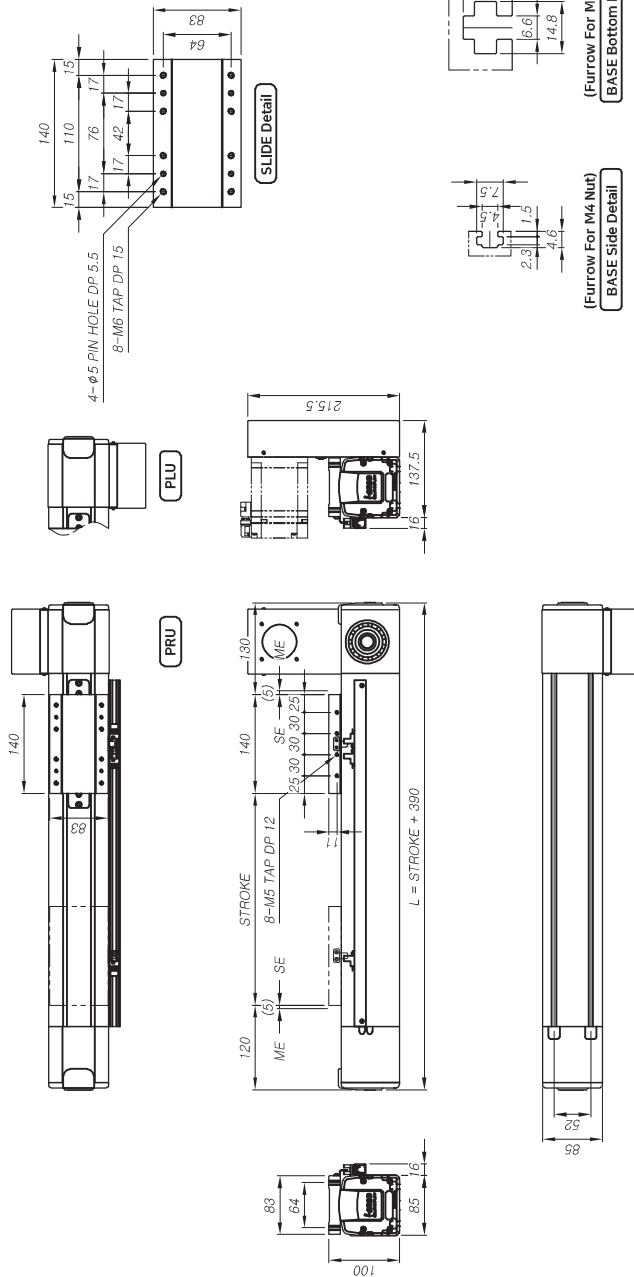
PLF: Parallel Left Front

PRF: Parallel Right Front

Sensor 좌측 및 방향

☐ L : Sensor Left

☐ R : Sensor Right



EBA 105

EBA SERIES
A 85 **EBA**

EBA 45

EBA SERIES

EBA SERIES

EBA 45

EBA 65

EBA 85

EBA 105

EBA SERIES

EBA 85 Model

- ▶ Max. speed of 1800 mm/s
- ▶ Body Size : 85 mm / Stroke : 300 ~ 4000 mm 표준 사양

Ordering method

EBA 85

(1)	
	Lead
	36 (R5)
	18 (R10)

Model

Stroke
300 : 300 mm
~
4000 : 4000 mm

Type
SL : Straight Left
SR : Straight Right
PLU : Parallel Left Upper
PRU : Parallel Right Upper
PLB : Parallel Left Bottom
PRB : Parallel Right Bottom
PLF : Parallel Left Front
PRF : Parallel Right Front

Sensor 수량 및 방향



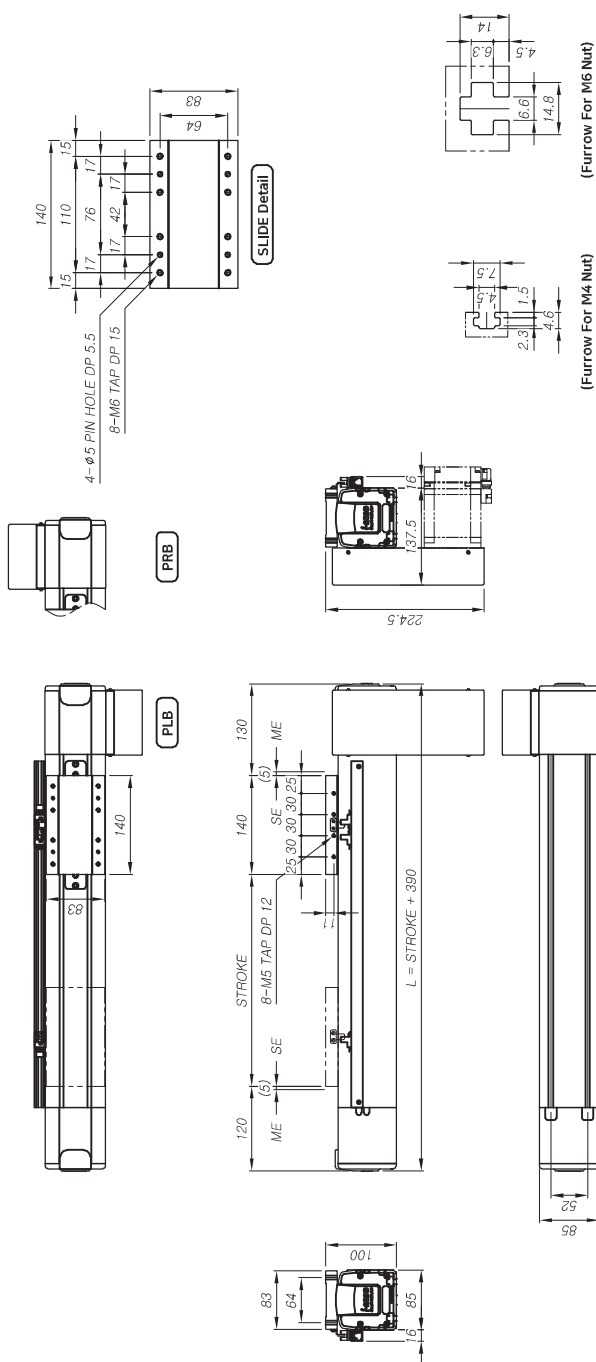
EBA 85-PLB Model

① Basic Specification

	□ 36 (R5)	□ 18 (R10)
Motor Rated Output	400W [3000 rpm]	
Gear Ratio	1 / 5	1 / 10
Pulley Ratio	-	-
Max Load	18 kg	70 kg
Max Speed	1800 mm/s	900 mm/s
Repeatability	± 0.1 mm	
Belt	RPP5 W=30	
LM Guide	#20 1Rail/2Block	

다) 상기 수치는 MitsubishiHG-KR43(400W)을 기준으로 작성한 참고 수치이며, 사용하는 모터에 따라 달라질 수가 있습니다.

○ Dimension (치수)



○모터 사양○

REDUCER	
Apex	<input type="checkbox"/> AB 060 <input type="checkbox"/> AB 090
ATG	<input type="checkbox"/> PGX 062 <input type="checkbox"/> PGX 090
Brato	<input type="checkbox"/> BP 060 <input type="checkbox"/> BP 090

※1) 사이즈는 본카다로그 (P.18~19)를 참고하시기 바랍니다.
※2) 기재되어 있는 모터 외 제품은 i-ROBO로 문의 바랍니다.

③ 세시 수량 미 구성 부문

	Unit	□ 1S	□ 2S	□ 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브리켓 / 도크 / 레일			

② 스트로크 및 그 대책 (센서포함)

Unit	3300	3400	3500	3600	3700	3800	3900	4000	
L	mm	3690	3790	3890	3990	4090	4190	4290	4390
Weight	kg	42.8	43.8	44.9	45.9	46.9	47.9	49.1	50.1
Price	¥	1,977,000	2,010,000	2,043,000	2,075,000	2,108,000	2,141,000	2,174,000	2,206,000

② 시스템 및 구매 (센서포함)

Unit	□ 300	□ 350	□ 400	□ 450	□ 500	□ 550	□ 600	□ 650	□ 700	□ 800	□ 900	□ 1000	□ 1100	□ 1200	□ 1300	□ 1400	□ 1500	□ 1600	□ 1700	□ 1800	□ 1900	□ 2000	□ 2100	□ 2200	□ 2300	□ 2400	□ 2500	□ 2600	□ 2700	□ 2800	□ 2900	□ 3000	□ 3100	□ 3200	
L	mm	690	740	790	840	890	940	1040	1090	1190	1290	1390	1490	1590	1690	1790	1890	1990	2090	2190	2290	2390	2490	2590	2690	2790	2890	2990	3090	3190	3290	3390	3490	3590	
Weight	kg	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.6	16.1	17.1	18.2	19.2	20.3	21.3	22.3	23.3	24.4	25.4	26.4	27.3	28.5	29.5	30.5	31.5	32.6	33.6	34.6	35.6	36.7	37.7	38.8	39.7	40.8	41.8
Price	¥	981.000	997.000	1.013.000	1.028.000	1.045.000	1.061.000	1.078.000	1.094.000	1.110.000	1.142.000	1.174.000	1.206.000	1.238.000	1.270.000	1.302.000	1.334.000	1.367.000	1.399.000	1.443.000	1.475.000	1.508.000	1.541.000	1.584.000	1.617.000	1.650.000	1.682.000	1.715.000	1.748.000	1.781.000	1.813.000	1.846.000	1.879.000	1.912.000	1.944.000

EBA 85 Model



EBA 85-PRF Model

① Basic Specification

	□ 36 (R5)	□ 18 (R10)
Motor Rated Output	400W [3000 rpm]	
Gear Ratio	1 / 5	1 / 10
Pulley Ratio	-	-
Max Load	18 kg	70 kg
Max Speed	1800 mm/s	900 mm/s
Repeatability	±0.1 mm	
Belt	RPP5 W=30	
LM Guide	#20 TRail 2Block	

주) 상기 수치는 MitsubishiHG-KR43(400W)을 기준으로 작성한 참고 수치이므로, 사용하는 모터에 따라 달라질 수가 있습니다.

○ Dimension (차수)

모든 양

REDUCER	
Apex	<input type="checkbox"/> AB 060 <input type="checkbox"/> AB 090
ATG	<input type="checkbox"/> PGX 062 <input type="checkbox"/> PGX 090
Brato	<input type="checkbox"/> BP 060 <input type="checkbox"/> BP 090

주1) 사이즈는 본 카다로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모터 외 제품은 i-ROBO로 문의 바랍니다.

③ 세서수량및구성부품 [별도구매시]

	Unit	□ 1S	□ 2S	□ 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 레일			

② 스토르크 밧 (센서포함)

Unit	3300	3400	3500	3600	3700	3800	3900	4000
L	mm	3806	3906	4006	4106	4206	4306	4406
Weight	kg	42.8	43.8	44.9	45.9	46.9	47.9	49.1
Price	¥	1,977,000	2,010,000	2,043,000	2,075,000	2,108,000	2,141,000	2,174,000

② 시스템 및 금액 (센서포함)

Unit	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	
L	mm	806	856	906	956	1006	1056	1106	1156	1206	1306	1406	1506	1606	1706	1806	1906	2006	2106	2206	2306	2406	2506	2606	2706	2806	2906	3006	3106	3206	3306	3406	3506	3706	
Weight	kg	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.6	16.1	17.1	18.2	19.2	20.3	21.3	22.3	23.3	24.4	25.4	26.4	27.3	28.5	29.5	30.5	31.5	32.6	33.6	34.6	35.6	36.7	37.7	38.8	39.7	40.8	41.8
Price	¥	981 000	997 000	1 013 000	1 029 000	1 045 000	1 061 000	1 078 000	1 094 000	1 110 000	1 142 000	1 174 000	1 206 000	1 238 000	1 270 000	1 302 000	1 334 000	1 367 000	1 399 000	1 443 000	1 475 000	1 508 000	1 541 000	1 584 000	1 617 000	1 650 000	1 682 000	1 715 000	1 748 000	1 781 000	1 813 000	1 846 000	1 879 000	1 912 000	1 944 000

Ordering method

EBA 85

①	Lead	Stroke	Type	Sensor 수 및 방향
	36(R)	300 : 300mm ~ 4000 : 4000mm	SL : Straight Left SR : Straight Right PLU : Parallel Left Upper PRU : Parallel Right Upper PLB : Parallel Left Bottom PRB : Parallel Right Bottom PLF : Parallel Left Front PRF : Parallel Right Front	<input type="checkbox"/> L : Sensor Left <input type="checkbox"/> R : Sensor Right
②	-			
P				
F +				
③				
L				

- ▶ Max. speed of 1800 mm/s
- ▶ Body Size : 85 mm / Stroke

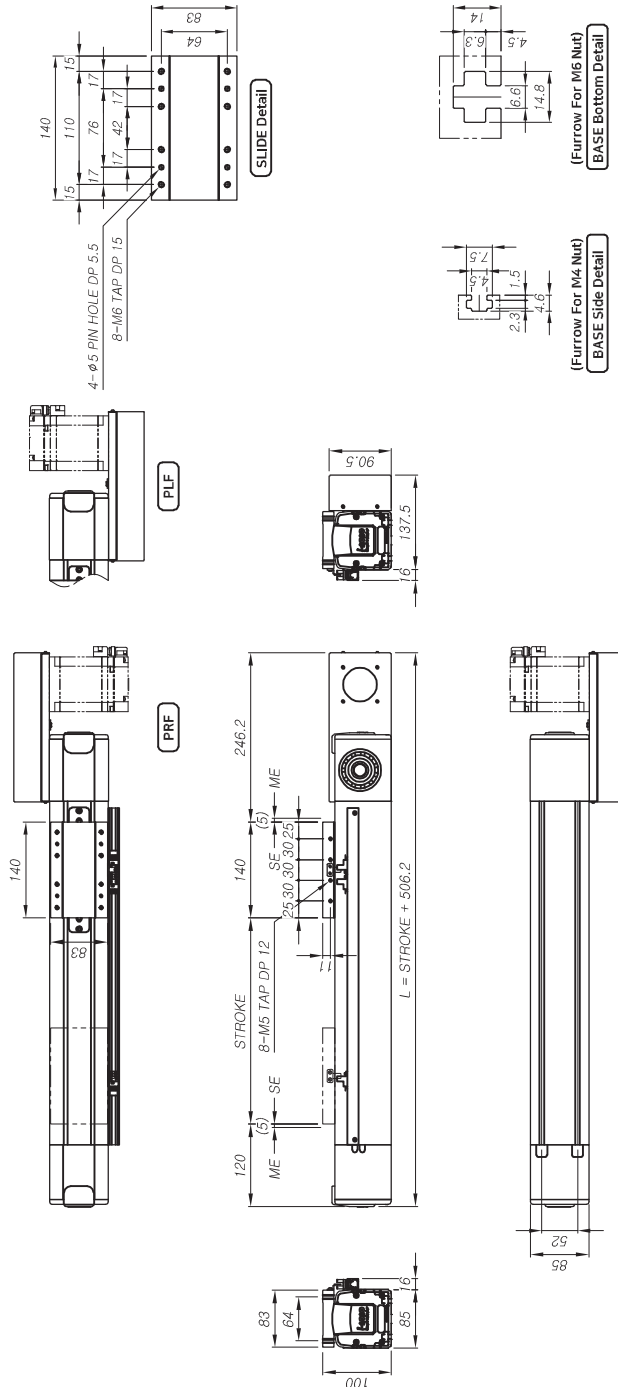
100

10

Type
SL : Straight Left
SR : Straight Right
PLU : Parallel Left Upper
PRU : Parallel Right Upper
PLB : Parallel Left Bottom
PRB : Parallel Right Bottom
PLF : Parallel Left Front
PRF : Parallel Right Front

Stroke
300 : 300 mm
~
4000 : 4000 mm

Sensor 수량 및 방향



EBA 105

EBA SERIES
EBA 85

EBA 45

EBA SERIES

EBA SERIES

EBA 45

EBA 65

EBA 85

EBA 105

EBA 105 Model

- ▶ Max. speed of 2240 mm/s
- ▶ Body Size : 105 mm / Stroke : 300 ~ 4000 mm 표준 사양

Ordering method

EBA 105

Lead	Stroke	Type	Sensor 수량 및 방향
44.8 (R5)	300 : 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
22.4 (R10)	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
11.2 (R20)	4000 : 4000mm	PLU : Parallel Left Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

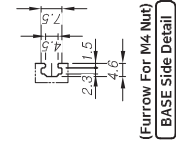
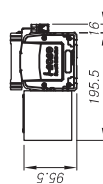
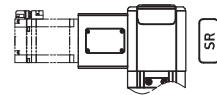
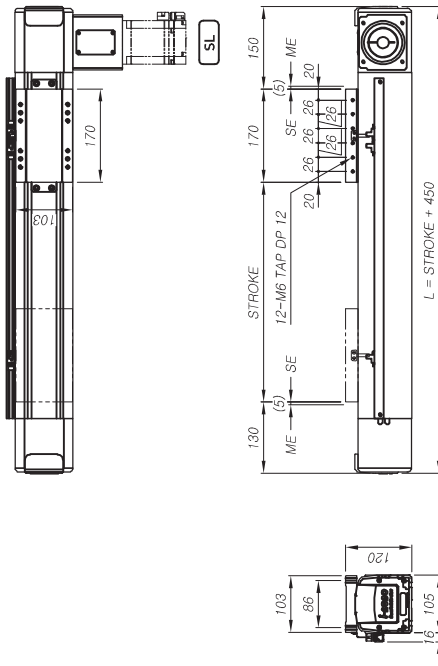
Model	Stroke	Type	Sensor 수량 및 방향
	300 : 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
	4000 : 4000mm	PLU : Parallel Left Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

Model	Stroke	Type	Sensor 수량 및 방향
	300 : 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
	~	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
	4000 : 4000mm	PLU : Parallel Left Upper	
		PLB : Parallel Left Bottom	
		PRB : Parallel Right Bottom	
		PLF : Parallel Left Front	
		PRF : Parallel Right Front	

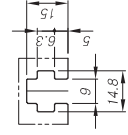
Motor Rated Output	<input type="checkbox"/> 44.8 (R5) <input type="checkbox"/> 22.4 (R10) <input type="checkbox"/> 11.2 (R20)
Gear Ratio	750W [3000 rpm]
Pulley Ratio	1 / 5 1 / 10 1 / 20
Max Load	15 kg 70 kg 120 kg
Max Speed	2240 mm/s 1120 mm/s 560 mm/s
Repeatability	± 0.1 mm
Belt	RPP8 W=46
LM Guide	#25 1Rail 2Block

주) 1) 사이즈는 본캐리더기 (P18~19)를 참고하시기 바랍니다.
주) 2) 기어비가 있는 모터 외 제품은 i-ROBO로 문의 바랍니다.

Dimension (치수)



(Furrow For M4 Nut)
BASE Side Detail



(Furrow For M8 Nut)
BASE Bottom Detail

모터 사양

Reducer	Apex	<input type="checkbox"/> AB 090
	ATG	<input type="checkbox"/> PGX 090
	Brato	<input type="checkbox"/> BP 090

주) 1) 사이즈는 본캐리더기 (P18~19)를 참고하시기 바랍니다.
주) 2) 기어비가 있는 모터 외 제품은 i-ROBO로 문의 바랍니다.

센서 수량 및 구성 부품 [별도 구매시]

Unit	<input type="checkbox"/> 1S	<input type="checkbox"/> 2S	<input type="checkbox"/> 3S
Price	₩ 30,000	₩ 45,000	₩ 60,000
사양	OMRON EE-SX674		
구성	센서 / 브래킷 / 도그 / 레일		

스트로크 및 금액 (센서포함)

Unit	<input type="checkbox"/> 3300	<input type="checkbox"/> 3400	<input type="checkbox"/> 3500	<input type="checkbox"/> 3600	<input type="checkbox"/> 3700	<input type="checkbox"/> 3800	<input type="checkbox"/> 3900	<input type="checkbox"/> 4000
L	mm	3750	3850	3950	4050	4150	4250	4350
Weight	kg	59.4	60.8	62.2	63.5	64.9	66.3	67.7
Price	₩	2,438,000	2,481,000	2,524,000	2,566,000	2,609,000	2,652,000	2,694,000

스트로크 및 금액 (센서포함)

Unit	<input type="checkbox"/> 300	<input type="checkbox"/> 350	<input type="checkbox"/> 400	<input type="checkbox"/> 450	<input type="checkbox"/> 500	<input type="checkbox"/> 550	<input type="checkbox"/> 600	<input type="checkbox"/> 650	<input type="checkbox"/> 700	<input type="checkbox"/> 750	<input type="checkbox"/> 800	<input type="checkbox"/> 850	<input type="checkbox"/> 900	<input type="checkbox"/> 1000	<input type="checkbox"/> 1100	<input type="checkbox"/> 1200	<input type="checkbox"/> 1300	<input type="checkbox"/> 1400	<input type="checkbox"/> 1500	<input type="checkbox"/> 1600	<input type="checkbox"/> 1700	<input type="checkbox"/> 1800	<input type="checkbox"/> 1900	<input type="checkbox"/> 2000	<input type="checkbox"/> 2100	<input type="checkbox"/> 2200	<input type="checkbox"/> 2300	<input type="checkbox"/> 2400	<input type="checkbox"/> 2500	<input type="checkbox"/> 2600	<input type="checkbox"/> 2700	<input type="checkbox"/> 2800	<input type="checkbox"/> 2900	<input type="checkbox"/> 3000	<input type="checkbox"/> 3100	<input type="checkbox"/> 3200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
L	mm	750	800	850	900	950	1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	2050	2100	2150	2200	2250	2300	2350	2400	2450	2500	2550	2600	2650	2700	2750	2800	2850	2900	2950	3000	3050	3100	3150	3200																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Weight	kg	18.2	19.0	19.6	20.2	21.0	21.6	22.4	23.1	23.7	25.1	25.8	27.9	29.3	30.6	31.9	33.4	34.8	36.0	37.4	38.9	40.3	41.6	42.9	44.4	45.7	47.1	48.4	49.8	51.2	52.6	54.0	55.3	56.7	58.1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Price	¥	1,150,000	1,171,000	1,191,000	1,212,000	1,233,000	1,245,000	1,275,000	1,286,000	1,317,000	1,358,000	1,400,000	1,442,000	1,484,000	1,525,000	1,567,000	1,609,000	1,651,000	1,692,000	1,734,000	1,776,000	1,818,000	1,859,000	1,900,000	1,941,000	1,982,000	2,023,000	2,064,000	2,105,000	2,146,000	2,187,000	2,228,000	2,269,000	2,310,000	2,351,000	2,392,000	2,433,000	2,474,000	2,515,000	2,556,000	2,597,000	2,638,000	2,679,000	2,720,000	2,761,000	2,802,000	2,843,000	2,884,000	2,925,000	2,966,000	3,007,000	3,048,000	3,089,000	3,130,000	3,171,000	3,212,000	3,253,000	3,294,000	3,335,000	3,376,000	3,417,000	3,458,000	3,499,000	3,540,000	3,581,000	3,622,000	3,663,000	3,704,000	3,745,000	3,786,000	3,827,000	3,868,000	3,909,000	3,950,000	3,991,000	4,032,000	4,073,000	4,114,000	4,155,000	4,196,000	4,237,000	4,278,000	4,319,000	4,360,000	4,401,000	4,442,000	4,483,000	4,524,000	4,565,000	4,606,000	4,647,000	4,688,000	4,729,000	4,770,000	4,811,000	4,852,000	4,893,000	4,934,000	4,975,000	5,016,000	5,057,000	5,098,000	5,139,000	5,180,000	5,221,000	5,262,000	5,303,000	5,344,000	5,385,000	5,426,000	5,467,000	5,508,000	5,549,000	5,590,000	5,631,000	5,672,000	5,713,000	5,754,000	5,795,000	5,836,000	5,877,000	5,918,000	5,959,000	5,999,000	6,040,000	6,081,000	6,122,000	6,163,000	6,204,000	6,245,000	6,286,000	6,327,000	6,368,000	6,409,000	6,450,000	6,491,000	6,532,000	6,573,000	6,614,000	6,655,000	6,696,000	6,737,000	6,778,000	6,819,000	6,860,000	6,901,000	6,942,000	6,983,000	7,024,000	7,065,000	7,106,000	7,147,000	7,188,000	7,229,000	7,270,000	7,311,000	7,352,000	7,393,000	7,434,000	7,475,000	7,516,000	7,557,000	7,598,000	7,639,000	7,680,000	7,721,000	7,762,000	7,803,000	7,844,000	7,885,000	7,926,000	7,967,000	8,008,000	8,049,000	8,090,000	8,131,000	8,172,000	8,213,000	8,254,000	8,295,000	8,336,000	8,377,000	8,418,000	8,459,000	8,500,000	8,541,000	8,582,000	8,623,000	8,664,000	8,705,000	8,746,000	8,787,000	8,828,000	8,869,000	8,910,000	8,951,000	8,992,000	9,033,000	9,074,000	9,115,000	9,156,000	9,197,000	9,238,000	9,279,000	9,320,000	9,361,000	9,402,000	9,443,000	9,484,000	9,525,000	9,566,000	9,607,000	9,648,000	9,689,000	9,730,000	9,771,000	9,812,000	9,853,000	9,894,000	9,935,000	9,976,000	10,017,000	10,058,000	10,099,000	10,140,000	10,181,000	10,222,000	10,263,000	10,304,000	10,345,000	10,386,000	10,427,000	10,468,000	10,509,000	10,550,000	10,591,000	10,632,000	10,673,000	10,714,000	10,755,000	10,796,000	10,837,000	10,878,000	10,919,000	10,960,000	10,999,000	11,040,000	11,081,000	11,122,000	11,163,000	11,204,000	11,245,000	11,286,000	11,327,000	11,368,000	11,409,000	11,450,000	11,491,000	11,532,000	11,573,000	11,614,000	11,655,000	11,696,000	11,737,000	11,778,000	11,819,000	11,860,000	11,901,000	11,942,000	11,983,000	12,024,000	12,065,000	12,106,000	12,147,000	12,188,000	12,229,000	12,270,000	12,311,000	12,352,000	12,393,000	12,434,000	12,475,000	12,516,000	12,557,000	12,598,000	12,639,000	12,680,000	12,721,000	12,762,000	12,803,000	12,844,000	12,885,000	12,926,000	12,967,000	13,008,000	13,049,000	13,090,000	13,131,000	13,172,000	13,213,000	13,254,000	13,295,000	13,336,000	13,377,000	13,418,000	13,459,000	13,500,000	13,541,000	13,582,000	13,623,000	13,664,000	13,705,000	13,746,000	13,787,000	13,828,000	13,869,000	13,910,000	13,951,000	13,992,000	14,033,000	14,074,000	14,115,000	14,156,000	14,197,000	14,238,000	14,279,000	14,320,000	14,361,000	14,402,000	14,443,000	14,484,000	14,525,000	14,566,000	14,607,000	14,648,000	14,689,000	14,730,000	14,771,000	14,812,000	14,853,000	14,894,000	14,935,000	14,976,000	15,017,000	15,058,000	15,099,000	15,140,000	15,181,000	15,222,000	15,263,000	15,304,000	15,345,000	15,386,000	15,427,000	15,468,000	15,509,000	15,550,000	15,591,000	15,632,000	15,673,000	15,714,000	15,755,000	15,796,000	15,837,000	15,878,000	15,919,000	15,960,000	15,999,000	16,040,000	16,081,000	16,122,000	16,163,000	16,204,000	16,245,000	16,286,000	16,327,000	16,368,000	16,409,000	16,450,000	16,491,000	16,532,000	16,573,000	16,614,000	16,655,000	16,696,000	16,737,000	16,778,000	16,819,000	16,860,000	16,901,000	16,942,000	16,983,000	17,024,000	17,065,000	17,106,000	17,147,000	17,188,000	17,229,000	17,270,000	17,311,000	17,352,000	17,393,000	17,434,000	17,475,000	17,516,000	17,557,000	17,598,000	17,639,000	17,680,000	17,721,000	17,762,000	17,803,000	17,844,000	17,885,000	17,926,000	17,967,000	18,008,000	18,049,000	18,090,000	18,131,000	18,172,000	18,213,000	18,254,000	18,295,000	18,336,000	18,377,000	18,418,000	18,459,000	18,500,000	18,541,000	18,582,000	18,623,000	18,664,000	18,705,000	18,746,000	18,787,000	18,828,000	18,869,000	18,910,000	18,951,000	18,992,000	19,033,000	19,074,000	19,115,000	19,156,000	19,197,000	19,238,000	19,279,000	19,320,000	19,361,000	19,402,000	19,443,000	19,484,000	19,525,000	19,566,000	19,607,000	19,648,000	19,689,000	19,730,000	19,771,000	19,812,000	19,853,000	19,894,000	19,935,000	19,976,000	20,017,000	20,058,000	20,099,000	20,140,000	20,181,000	20,222,000	20,263,000	20,304,000	20,345,000	20,386,000	20,427,000	20,468,000	20,509,000	20,550,000	20,591,000	20,632,000	20,673,000	20,714,000	20,755,000	20,796,000	20,837,000	20,878,000	20,919,000	20,960,000	21,001,000	21,042,000	21,083,000	21,124,000	21,165,000	21,206,000	21,247,000	21,288,000	21,329,000	21,370,000	21,411,000	21,452,000	21,493,000	21,534,000	21,575,000	21,616,000	21,657,000	21,698,000	21,739,000	21,780,000	21,821,000	21,862,000	21,903,000	21,944,000	21,985,000	22,026,000	22,067,000	22,108,000	22,149,000	22,190,000	22,231,000	22,272,000	22,313,000	22,354,000	22,395,000	22,436,000	22,477,000	22,518,000	22,559,000	22,600,000	22,641,000	22,682,000	22,723,000	22,764,000	22,805,000	22,846,000	22,887,000	22,928,000	22,969,000	23,010,000	23,051,000	23,092,000	23,133,000	23,174,000	23,215,000	23,256,000	23,297,000	23,338,000	23,379,000	23,420,000	23,461,000	23,502,000	23,543,000	23,584,000	23,625,000	23,666,000	23,707,000	23,748,000	23,789,000	23,830,000	23,871,000	23,912,000	23,953,000	23,994,000	24,035,000	24,076,000	24,117,000	24,158,000	24,199,000	24,240,000	24,281,000	24,322,000	24,363,000	24,404,000	24,445,000	24,486,000	24,527,000	24,568,000	24,609,000	24,650,000	24,691,000	24,732,000	24,773,000	24,814,000	24,855,000	24,896,000	24,937,000	24,978,000	25,019,000	25,060,000	25,101,000	25,142,000	25,183,000	25,224,000	25,265,000	25,306,000	25,347,000	25,388,000	25,429,000	25,470,000	25,511,000	25,552,000	25,593,000	25,634,000	25,675,000	25,716,000	25,757,000	25,798,000	25,839,000	25,880,000	25,921,000	25,962,000	26,003,000	26,044,000	26,085,000	26,126,000	26,167,000	26,208,000	26,249,000	26,290,000	26,331,000	26,372,000	26,413,000	26,454,000	26,495,000	26,536,000	26,577,000	26,618,000	26,659,000	26,700,000	26,741,000	26,782,000	26,823,000	26,864,000	26,905,000	26,946,000	26,987,000	27,028,000	27,069,000	27,110,000	27,151,000	27,192,000	27,233,000	27,274,000	27,315,000	27,356,000	27,397,000	27,438,000	27,479,000	27,520,000	27,561,000	27,602,000	27,643,000	27,684,000	27,725,000	27,766,000	27,807,000	27,848,000	27,889,000	27,930,000	27,971,000	28,012,000	28,053,000	28,094,000	28,135,000	28,176,000	28,217,000	28,258,000	28,299,000	28,340,000	28,381,000	28,422,000	28,463,000	28,504,000	28,545,000	28,586,000	28,627,000	28,668,000	28,709,000	28,750,000	28,791,000	28,832,000	28,873,000	28,914,000	28,955,000	28,996,000	29,037,000	29,078,000	29,119,000	29,160,000	29,201,000	29,242,000	29,283,000	29,324,000	29,365,000	29,406,000	29,447,000	29,488,000	29,529,000	29,570,000	29,611,000	29,652,000	29,693,000	29,734,000	29,775,000	29,816,000	29,857,000	29,898,000	29,939,000	29,980,000	30,021,000	30,062,000	30,103,000	30,144,000	30,185,000	30,226,000	30,267,000	30,308,000	30,349,000	30,390,000	30,431,000	30,472,000	30,513,000	30,554,000	30,595,000	30,636,000	30,677,000	30,718,000	30,759,000	30,800,000	30,841,000	30,882,000	30,923,000	30,964,000	31,005,000	31,046,000	31,087,000	31,128,000	31,169,000	31,210,000	31,251,000	31,292,000	31,333,000	31,374,000	31,415,000	31,456,000	31,497,000	31,538,000	31,579,000	31,620,000	31,661,000	31,702,000	31,743,000	31

EBA 105 Model

▶ Max. speed of 2240 mm/s
▶ Body Size : 105 mm / Stroke : 300 ~ 4000 mm 표준 사양

Ordering method

EBA 105

Model	Lead	Stroke	Type	Sensor 타입 및 방향
	44.8 (R5)	300 : 300mm	SL : Straight Left	<input type="checkbox"/> L : Sensor Left
	22.4 (R10)	4000 : 4000mm	SR : Straight Right	<input type="checkbox"/> R : Sensor Right
	11.2 (R20)		PLU : Parallel Left Upper	
			PRU : Parallel Right Upper	
			PLB : Parallel Left Bottom	
			PRB : Parallel Right Bottom	
			PLF : Parallel Left Front	
			PRF : Parallel Right Front	



EBA 105-PRU Model

① Basic Specification

	<input type="checkbox"/> 44.8 (R5)	<input type="checkbox"/> 22.4 (R10)	<input type="checkbox"/> 11.2 (R20)
Motor Rated Output	750W [3000 rpm]		
Gear Ratio	1 / 5	1 / 10	1 / 20
Pulley Ratio	-	-	-
Max Load	15 kg	70 kg	120 kg
Max Speed	2240 mm/s	1120 mm/s	560 mm/s
Repeatability	±0.1 mm		
Belt	RPP8 W=46		
LM Guide	#25-TRail/Block		

주) 상기 수치는 MitsubishiHG-KR73(750W)을 기준으로 작성한 참고 수치입니다.
사용하는 모터에 따라 달라질 수가 있습니다.

○ Dimension (차수)

○ 모터 사양 ○

REDUCER	
Apex	<input type="checkbox"/> AB 090
ATG	<input type="checkbox"/> PGX 090
Brato	<input type="checkbox"/> BP 090

주1) 사이즈는 본커다로그 (P.18~19)를 참고하시기 바랍니다.
주2) 기재되어 있는 모터 외제품은 i-ROBO로 문의 바랍니다.

③ 세서수량미구성보품 [별도구매시]

	Unit	<input type="checkbox"/> 1S	<input type="checkbox"/> 2S	<input type="checkbox"/> 3S
Price	₩	30,000	45,000	60,000
사양	OMRON EE-SX674			
구성	센서 / 브라켓 / 도크 / 레일			

② **인테리어 및 조명** (세서포함)

Unit	3300	3400	3500	3600	3700	3800	3900	4000	
L	mm	3750	3850	3950	4050	4150	4250	4350	4450
Weight	kg	59.9	61.3	62.7	64.0	65.4	66.8	68.2	69.5
Price	¥	2,618,000	2,661,000	2,704,000	2,746,000	2,789,000	2,832,000	2,874,000	2,917,000

② 시스템의 구성 (센서포함)

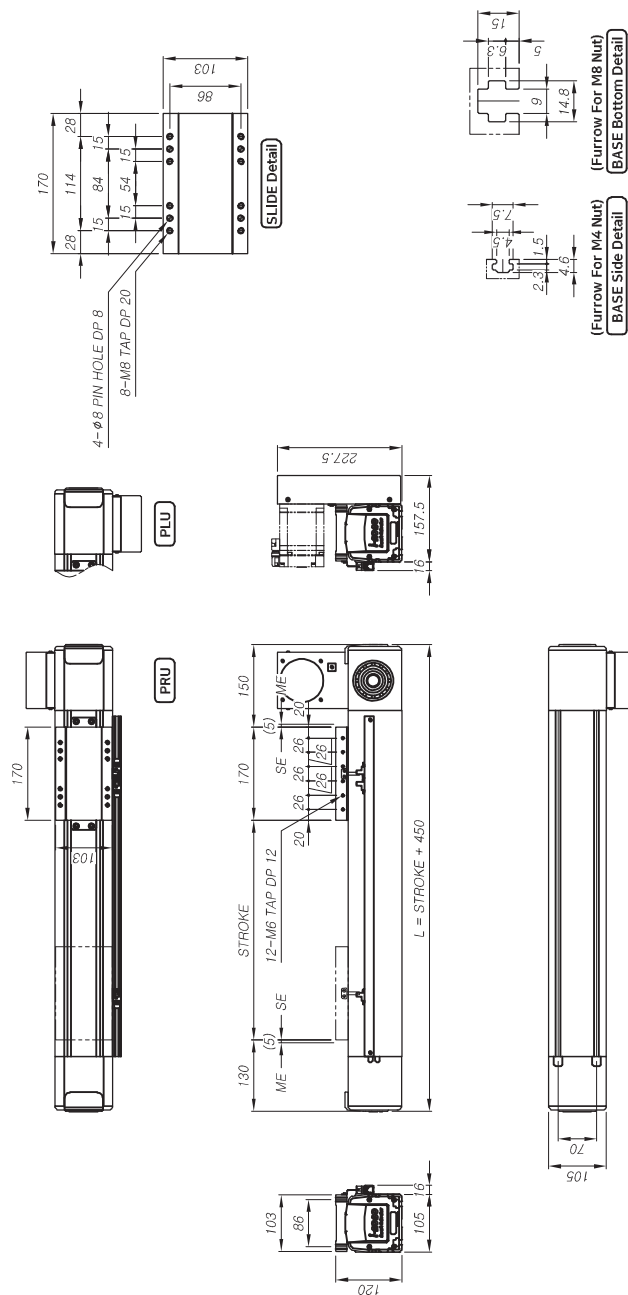
Unit	□ 300	□ 350	□ 400	□ 450	□ 500	□ 550	□ 600	□ 650	□ 700	□ 800	□ 900	□ 1000	□ 1100	□ 1200	□ 1300	□ 1400	□ 1500	□ 1600	□ 1700	□ 1800	□ 1900	□ 2000	□ 2100	□ 2200	□ 2300	□ 2400	□ 2500	□ 2600	□ 2700	□ 2800	□ 2900	□ 3000	□ 3100	□ 3200	
L	mm	750	800	850	900	950	1000	1050	1100	1150	1250	1350	1450	1550	1650	1750	1850	1950	2050	2150	2250	2350	2450	2550	2650	2750	2850	2950	3050	3150	3250	3350	3450	3550	3650
Weight	kg	18.7	19.5	20.1	20.7	21.5	22.1	22.9	23.6	24.2	25.6	27.0	28.4	29.8	31.1	32.4	33.9	35.3	36.5	37.9	39.4	40.8	42.1	43.4	44.9	46.2	47.6	48.9	50.3	51.7	53.1	54.5	55.8	57.2	58.6
Price	W	1,330,000	1,351,000	1,371,000	1,392,000	1,413,000	1,425,000	1,455,000	1,466,000	1,487,000	1,538,000	1,590,000	1,622,000	1,664,000	1,705,000	1,747,000	1,789,000	1,831,000	1,872,000	1,914,000	1,956,000	1,998,000	2,039,000	2,106,000	2,149,000	2,192,000	2,234,000	2,277,000	2,320,000	2,362,000	2,405,000	2,448,000	2,490,000	2,533,000	2,576,000

EBA 105

EBA SERIES
A 85 EBA

EBA 45

EBA SERIES



EBA 105 Model

- ▶ Max. speed of 2240 mm/s
- ▶ Body Size : 105 mm / Stroke : 300 ~ 4000 mm 표준 사양

Ordering method

EBA 105

Lead
44.8 (R5)
22.4 (R10)
11.2 (R20)

Stroke
300 ~ 300mm
4000 ~ 4000mm

Type
SL : Straight Left
SR : Straight Right
PLU : Parallel Left Upper
PLB : Parallel Left Bottom
PRU : Parallel Right Upper
PRB : Parallel Right Bottom
PLF : Parallel Left Front
PRF : Parallel Right Front

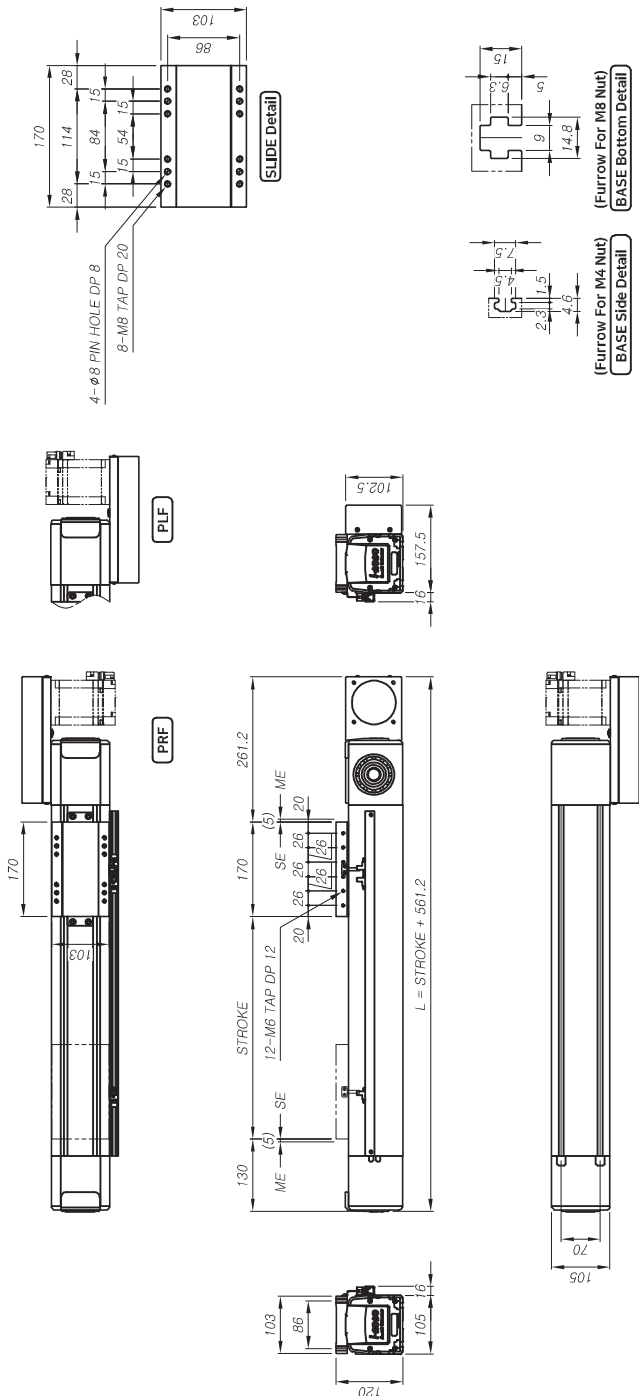
Sensor 수량 및 방향
<input type="checkbox"/> L : Sensor Left
<input type="checkbox"/> R : Sensor Right

L

EBA 105-PRF Model



Dimension (치수)



Basic Specification

Motor Rated Output	44.8 (R5) 22.4 (R10) 11.2 (R20)
Gear Ratio	1 / 5 1 / 10 1 / 20
Pulley Ratio	- - -
Max Load	15 kg 70 kg 120 kg
Max Speed	2240 mm/s 1120 mm/s 560 mm/s
Repeatability	± 0.1 mm
Belt	RP8 W=46
LM Guide	#25 1Rail 2Block

주 상기 수치는 Mitsubishi HC-KR73 (750W)을 기준으로 작성한 참고 수치이므로, 사용하는 모터에 따라 달라질 수 있습니다.

모터 사양

Apex	AB 090
ATG	PGX 090
Brato	BP 090

주 1) 사이즈는 본 카타로그 (P18~19)를 참고 하시기 바랍니다.
주 2) 기재되어 있는 모터 외계품은 HROBO로 문의 바랍니다.

센서 수량 및 구성 부품 별도 구매시

Unit	1S	2S	3S
Price	₩ 30,000	₩ 45,000	₩ 60,000
사양	OMRON EE-SX674		
구성	센서 / 브라켓 / 도그 / 레일		

스트로크 및 금액 (센서포함)

Unit	3300	3400	3500	3600	3700	3800	3900	4000
L	mm	3861	3961	4061	4161	4261	4361	4461
Weight	kg	59.9	61.3	62.7	64.0	65.4	66.8	69.5
Price	₩	2,618,000	2,661,000	2,704,000	2,746,000	2,789,000	2,832,000	2,874,000

스트로크 및 금액 (센서포함)

Unit	300	350	400	450	500	550	600	650	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200
L	mm	861	911	961	1011	1061	1111	1161	1211	1261	1361	1461	1561	1661	1761	1861	1961	2061	2161	2261	2361	2461	2561	2661	2761	2861	2961	3061	3161	3261	3361	3461	3561	3761
Weight	kg	18.7	19.5	20.1	20.7	21.5	22.1	22.9	23.6	24.2	25.6	27.0	28.4	29.8	31.1	32.4	33.9	35.3	36.5	37.9	39.4	40.8	42.1	43.4	44.9	46.2	47.6	48.9	50.3	51.7	53.1	54.5	55.8	57.2
Price	₩	1,330,000	1,351,000	1,371,000	1,392,000	1,413,000	1,425,000	1,455,000	1,465,000	1,497,000	1,538,000	1,580,000	1,622,000	1,664,000	1,705,000	1,747,000	1,789,000	1,831,000	1,872,000	1,914,000	1,956,000	1,998,000	2,039,000	2,106,000	2,149,000	2,192,000	2,234,000	2,277,000	2,320,000	2,362,000	2,405,000	2,448,000	2,490,000	2,533,000