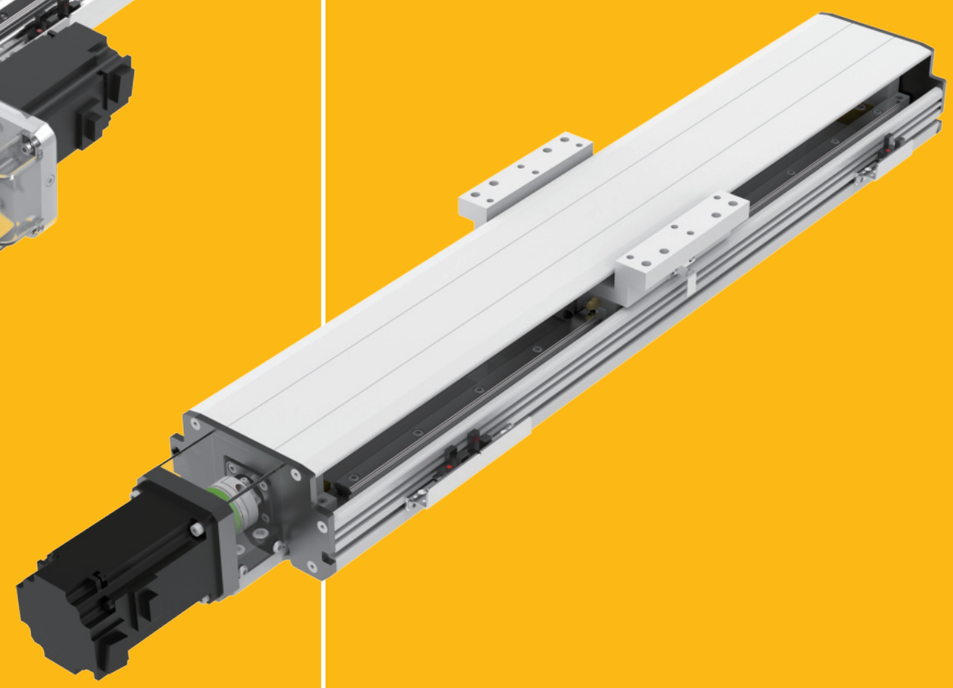
HR Series

Ball Screw Type Robot

MODEL. HR 45
HR 65
HR 75 [1BLOCK]
HR 75 [2BLOCK]
HR 90 [1BLOCK]
HR 90 [2BLOCK]
HR 120
HR 130
HR 140
HR 160
HR 180
HR 200





CONTENTS

형번구성	P.05
HR 45	P.07
HR 65	P.10
HR 75 [1BLOCK]	P.13
HR 75 [2BLOCK]	P.16
HR 90 [1BLOCK]	P.19
HR 90 [2BLOCK]	P.22
HR 120	P.25
HR 130	P.28
HR 140	P.31
HR 160	P.34
HR 180	P.37
HR 200	P.40
Ball Screw Type 조합 INDEX	P.43

형번구성 Ball Screw Type

MODEL

HR	Ball Screw Type

BODY SIZE

45	45mm
65	65mm
75	75mm
90	90mm
120	120mm
130	130mm
140	140mm
160	160mm
180	180mm
200	200mm

테이블 옵션

무기호		STANDARD Type
D		DUAL Type
L		LONG Type (고하중)
HR 75,90	1B	No.15 BLOCK 1EA
	2B	No.15 BLOCK 2EA

테이블 타입

N	NORMAL TYPE
W	WIDE TYPE

취부타입

무기호	TAP
CB	C'BORE

스트로크

0100	100mm

볼나사 장착 방법

무기호	고정 - 지지
F	고정 - 고정

Raydent 기호

무기호	처리없음
RR	LM RAIL Raydent
SR	Ball Screw SHAFT Raydent
AR	LM RAIL / BLOCK Ball Screw SHAFT / NUT Raydent

HR 120 CB - S 20 G - N D - 0100 - R 10 F - RR SR - B

모터방향

S	직렬
R	우측병렬
L	좌측병렬
D	하측병렬

모터용량

10	100w
1B	100w, BRAKE
20	200w
2B	200w, BRAKE
40	400w
4B	400w, BRAKE
70	750w
7B	750w, BRAKE
SP	특주 타입 STEP MOTOR AC MOTOR

감속기 여부

무기호	감속기 없음
G	감속기 부착

SENSOR 방향

X	센서 없음
R	우측 부착
L	좌측 부착
E	양측 부착
I	내장형 (마그네틱)

볼나사 리드

5	5mm
10	10mm
20	20mm
30	30mm
40	40mm

Body Color

무기호	백색
B	흑색

※ 상기 사양 외 Robot 표면처리, LM Guide, Ball Screw 표면처리 등 특주 사양 대응 가능합니다. 본사 및 지사(대리점)으로 문의 주시면 사양 선정에 도움드리겠습니다.

Ball Screw Type

HR45-S

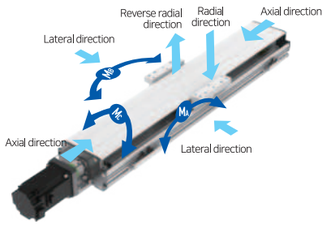
Body Size : 45mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50	100
LM Guide		No.12 (1Rail, 1Block)	
Ball Screw		Ø12 (Grade C7)	
Lead [mm]		5	10
Max Speed [mm/sec]		250	500
Max Load [kgf]	Horizontal	13	11
	Vertical	9	8
Stroke [mm]		~ 800	
Repeatability [mm]		±0.02	
Sensor [OMRON]	ORG	EE-SX674	
	LIMIT [+/-]	EE-SX674A	

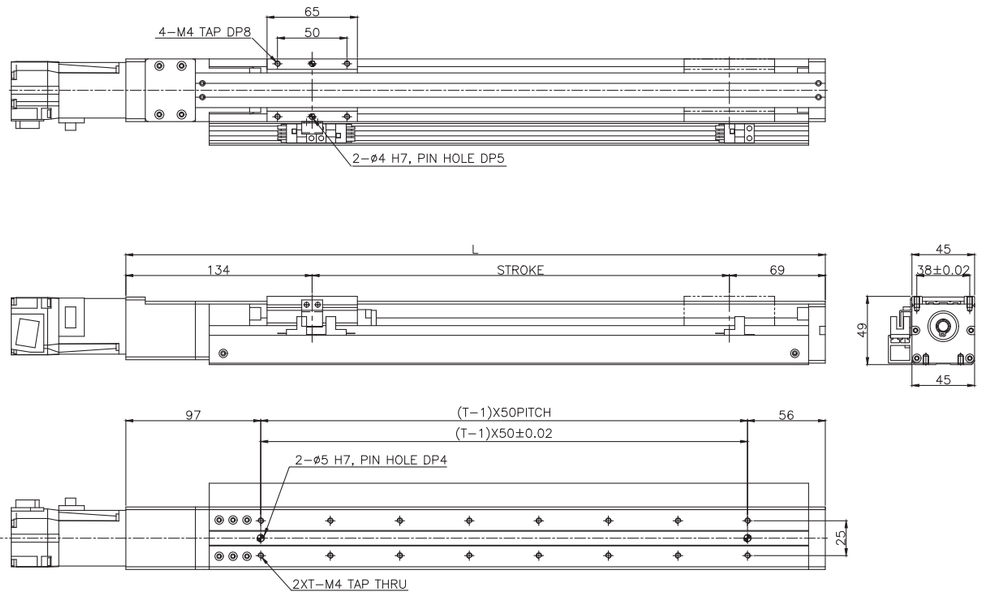
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	14.4	14.4	23.6

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						203	158
	1210	500						451	322
Body Length [mm]	L	303	403	503	603	703	803	903	1003
Weight [kg]	모터제외	1.4	1.7	2	2.3	2.6	2.9	3.2	3.5

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR45-L/R

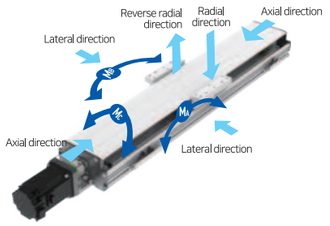
Body Size : 45mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50	100
LM Guide		No.12 (1Rail, 1Block)	
Ball Screw		Ø12 (Grade C7)	
Lead [mm]		5	10
Max Speed [mm/sec]		250	500
Max Load [kgf]	Horizontal	13	11
	Vertical	9	8
Stroke [mm]		~ 800	
Repeatability [mm]		±0.02	
Sensor [OMRON]	ORG	EE-SX674	
	LIMIT [+/-]	EE-SX674A	

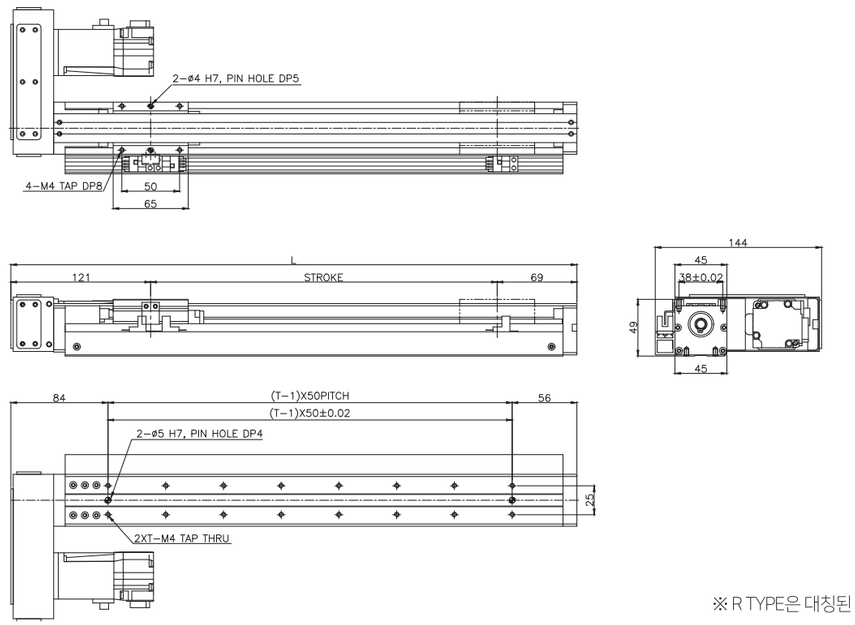
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	14.4	14.4	23.6

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke (mm)		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						203	158
	1210	500						451	322
Body Length [mm]	L	290	390	490	590	690	790	890	990
Weight [kg]	모터 제외	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR45-D

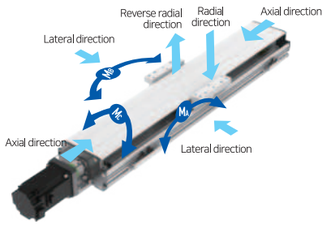
Body Size : 45mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50	100
LM Guide		No.12 (1Rail, 1Block)	
Ball Screw		Ø12 (Grade C7)	
Lead [mm]		5	10
Max Speed [mm/sec]		250	500
Max Load [kgf]	Horizontal	13	11
	Vertical	9	8
Stroke [mm]		~ 800	
Repeatability [mm]		±0.02	
Sensor [OMRON]	ORG	EE-SX674	
	LIMIT [+/-]	EE-SX674A	

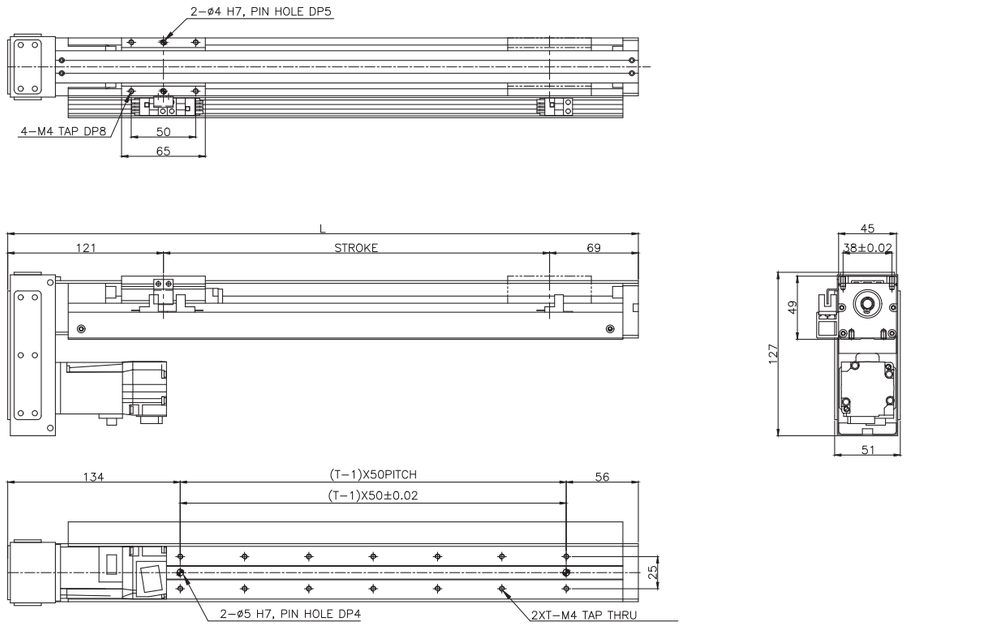
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	14.4	14.4	23.6

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						203	158
	1210	500						451	322
Body Length [mm]	L	290	390	490	590	690	790	890	990
Weight [kg]	모터 제외	1.7	2.0	2.3	2.6	2.9	3.2	3.5	3.8

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR65-S

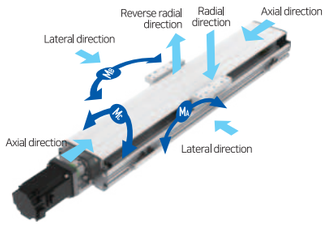
Body Size : 65mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50	100	
LM Guide		No.12 (1Rail, 2Block)		
Ball Screw		Ø12 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	25	20	15
	Vertical	11	9	8
Stroke [mm]		~ 800		
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

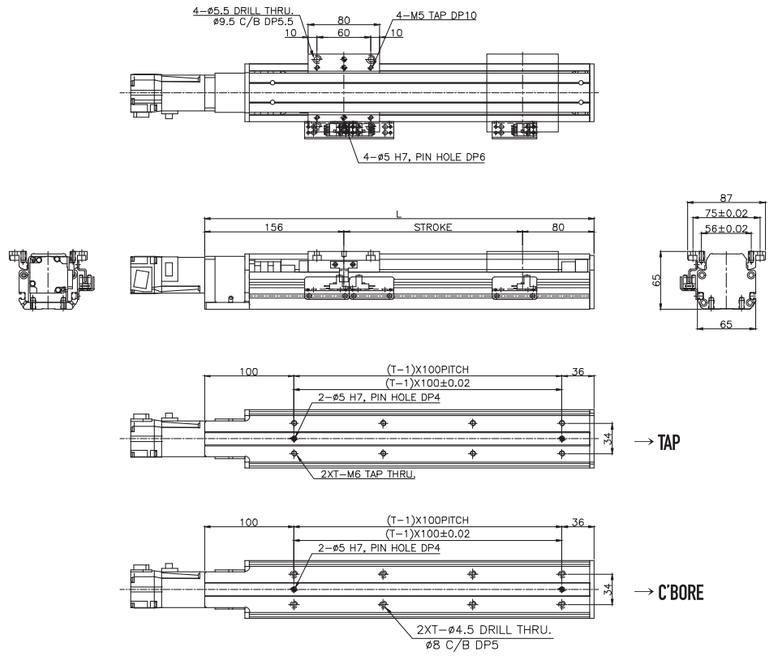
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	152.2	152.2	139.6

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						177	139
	1210	500						361	284
	1220	1000						723	569
Body Length [mm]	L	341	441	541	641	741	841	941	1041
Weight [kg]	모터 제외	2.3	2.7	3.1	3.5	3.9	4.3	4.7	5.1

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR65-L/R

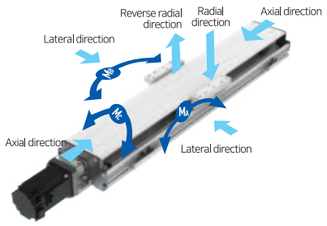
Body Size : 65mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50		100
LM Guide		No.12 (1Rail, 2Block)		
Ball Screw		Ø12 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	25	20	15
	Vertical	11	9	8
Stroke [mm]		~ 800		
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

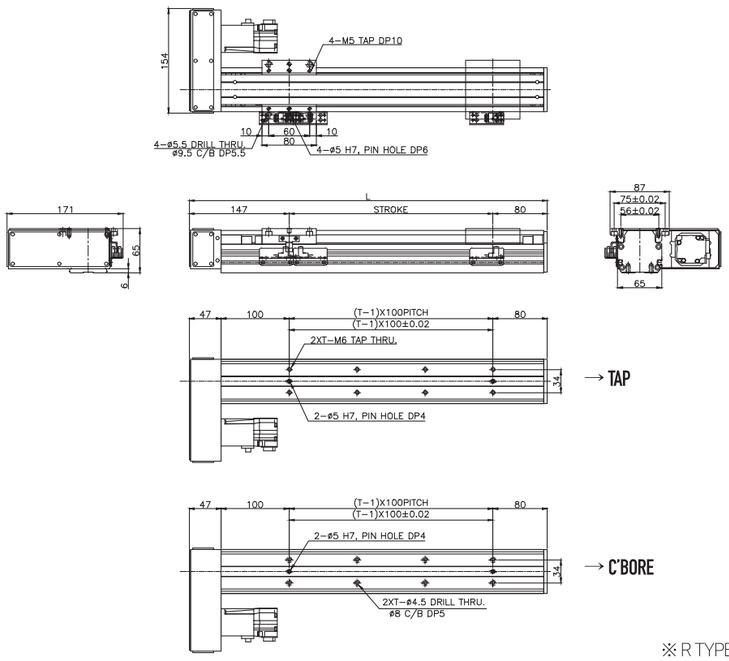
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	152.2	152.2	139.6

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						177	139
	1210	500						361	284
	1220	1000						723	569
Body Length [mm]	L	327	427	527	627	727	827	927	1027
Weight [kg]	모터 제외	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.4

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR65-D

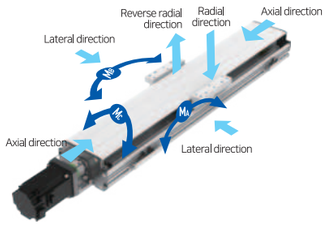
Body Size : 65mm I Max Stroke : 800mm I Servo Motor : 50/100W



Specification

Motor Capacity [W]		50		100
LM Guide		No.12 (1Rail, 2Block)		
Ball Screw		Ø12 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	25	20	15
	Vertical	11	9	8
Stroke [mm]		~ 800		
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

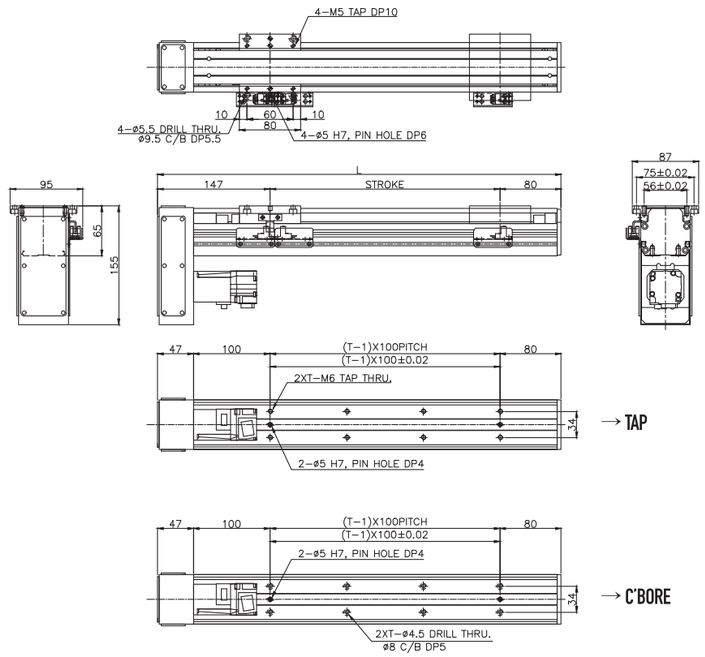
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	152.2	152.2	139.6

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800
Max Speed [mm/s]	1205	250						177	139
	1210	500						361	284
	1220	1000						723	569
Body Length [mm]	L	327	427	527	627	727	827	927	1027
Weight [kg]	모터 제외	2.6	3.0	3.4	3.8	4.2	4.6	5.0	5.4

※ 600 stroke 이상은 전조볼나사를 사용할 수 있습니다.

Ball Screw Type

HR75-S [1BLOCK]

Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W

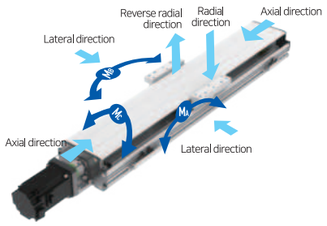


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	12	10	8
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

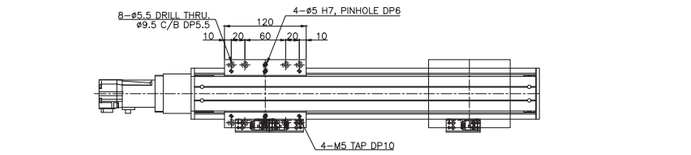
Statically Admissible State

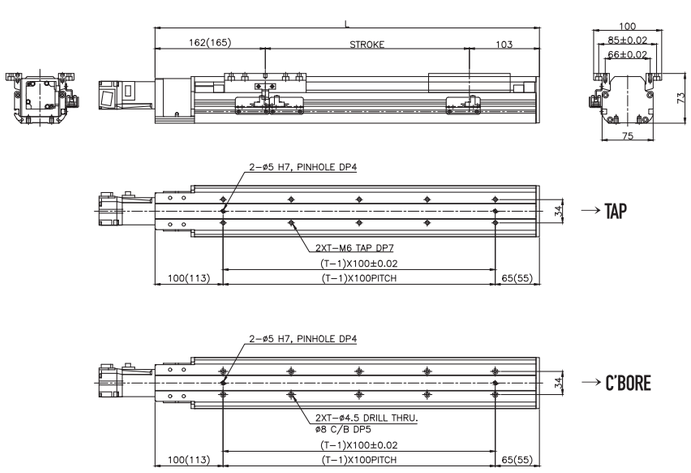


Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]





※ ( ) : 200W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						206	164	133	110	93	79	-	-	-	-	-
	1510	500						413	328	267	221	186	159	-	-	-	-	-
	1520	1000						841	668	543	450	379	323	279	244	214	190	170
Body Length 100w [mm]	L	365	465	565	665	765	865	965	1065	1165	1265	1365	1465	1565	1665	1765	1865	1965
Body Length 200w [mm]	L	368	468	568	668	768	868	968	1068	1168	1268	1368	1468	1568	1668	1768	1868	1968
Weight [kg]	모터 제외	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0

Ball Screw Type

HR75-L/R [1BLOCK]

Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W

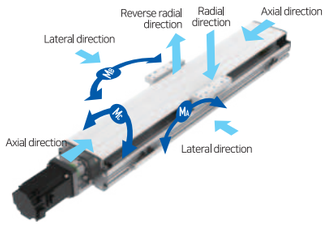


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	12	10	8
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

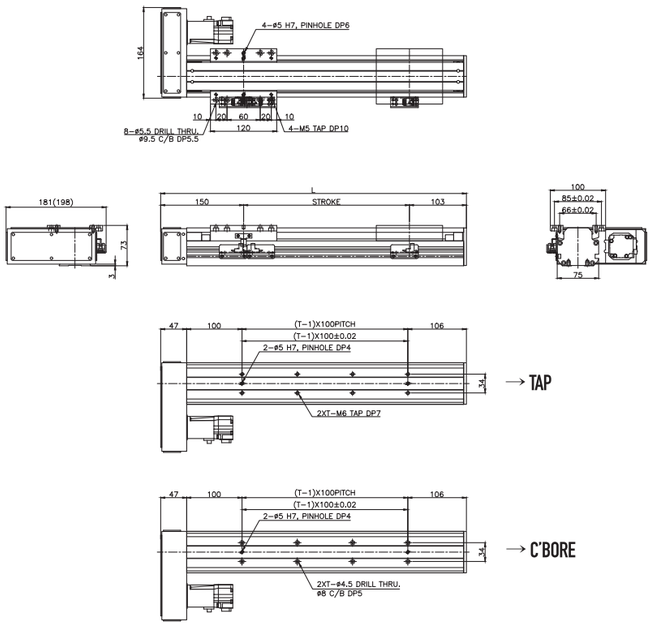
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.
※ ( ) : 200W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						206	164	133	110	93	79	-	-	-	-	-
	1510	500						413	328	267	221	186	159	-	-	-	-	-
	1520	1000						841	668	543	450	379	323	279	244	214	190	170
Body Length 100w [mm]	L	371	471	571	671	771	871	971	1071	1171	1271	1371	1471	1571	1671	1771	1871	1971
Body Length 200w [mm]	L	371	471	571	671	771	871	971	1071	1171	1271	1371	1471	1571	1671	1771	1871	1971
Weight [kg]	모터 제외	3.3	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3

HR75-D [1BLOCK]

Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W

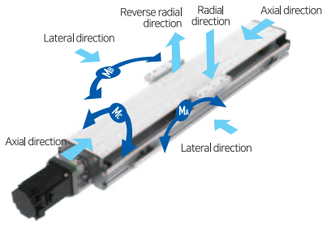


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	12	10	8
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

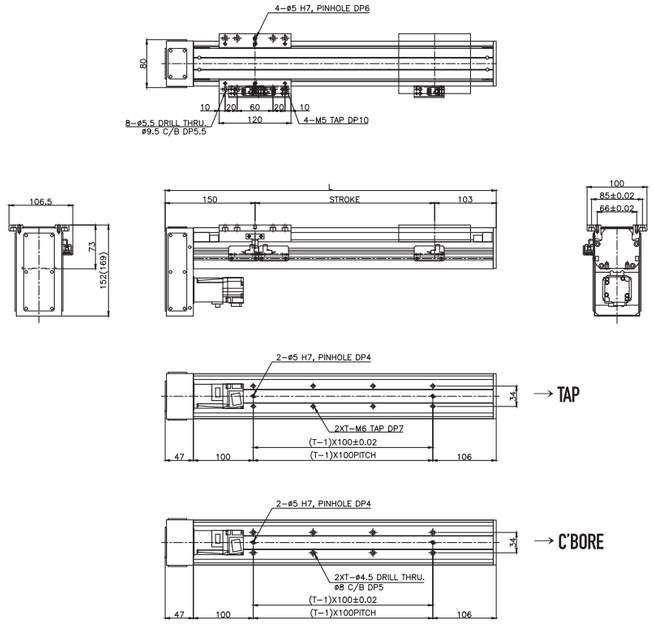
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]



※ ( ) : 200W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						206	164	133	110	93	79	-	-	-	-	-
	1510	500						413	328	267	221	186	159	-	-	-	-	-
	1520	1000						841	668	543	450	379	323	279	244	214	190	170
Body Length 100w [mm]	L	371	471	571	671	771	871	971	1071	1171	1271	1371	1471	1571	1671	1771	1871	1971
Body Length 200w [mm]	L	371	471	571	671	771	871	971	1071	1171	1271	1371	1471	1571	1671	1771	1871	1971
Weight [kg]	모터 제외	3.3	3.8	4.3	4.8	5.3	5.8	6.3	6.8	7.3	7.8	8.3	8.8	9.3	9.8	10.3	10.8	11.3

HR75-S [2BLOCK]

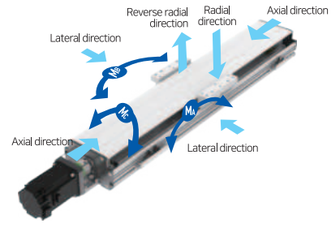
Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

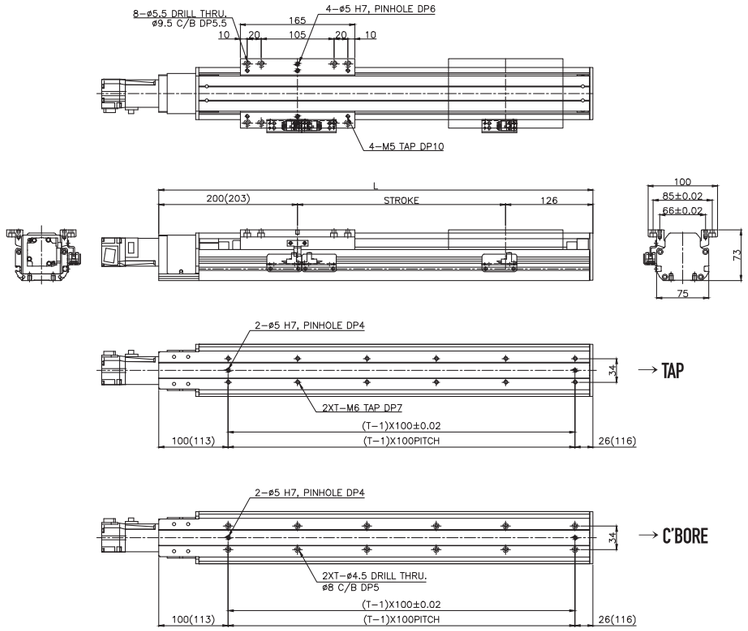
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



※ ( ) : 200W 적용

Detail Specification

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※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						358	289	238	199	169	145	-	-	-	-	-
	1520	1000						729	587	483	405	344	296	257	225	199	177	170
Body Length 100w [mm]	L	426	526	626	726	826	926	1026	1126	1226	1326	1426	1526	1626	1726	1826	1926	2026
Body Length 200w [mm]	L	429	529	629	729	829	929	1029	1129	1229	1329	1429	1529	1629	1729	1829	1929	2029
Weight [kg]	모터 제외	4.2	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2

Ball Screw Type

HR75-L/R [2BLOCK]

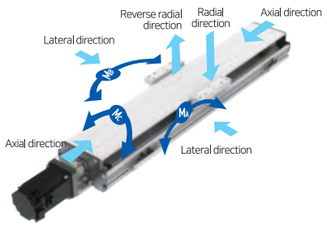
Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

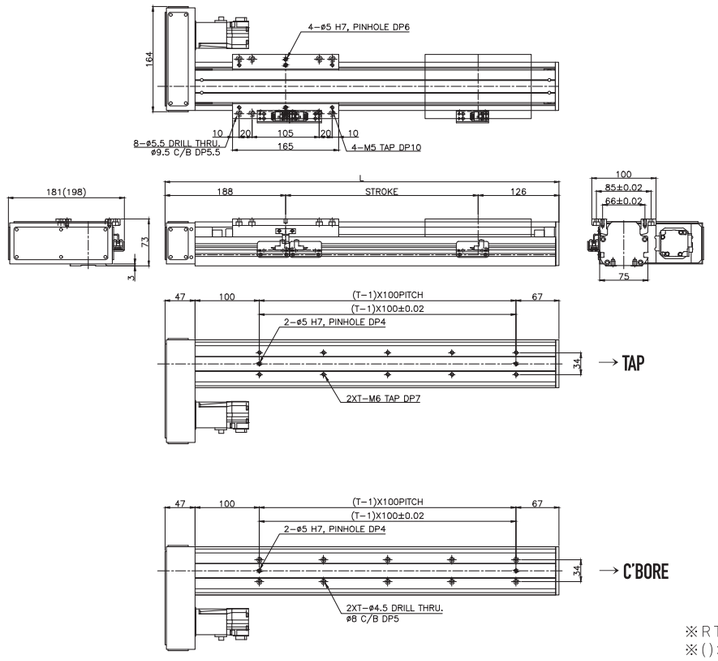
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.
※ ( ) : 200W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						358	289	238	199	169	145	-	-	-	-	-
	1520	1000						729	587	483	405	344	296	257	225	199	177	170
Body Length 100w [mm]	L	414	514	614	714	814	914	1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2014
Body Length 200w [mm]	L	414	514	614	714	814	914	1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2014
Weight [kg]	모터 제외	4.5	5.0	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5

Ball Screw Type

HR75-D [2BLOCK]

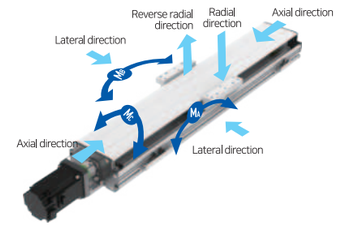
Body Size : 75mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	35	31	11
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

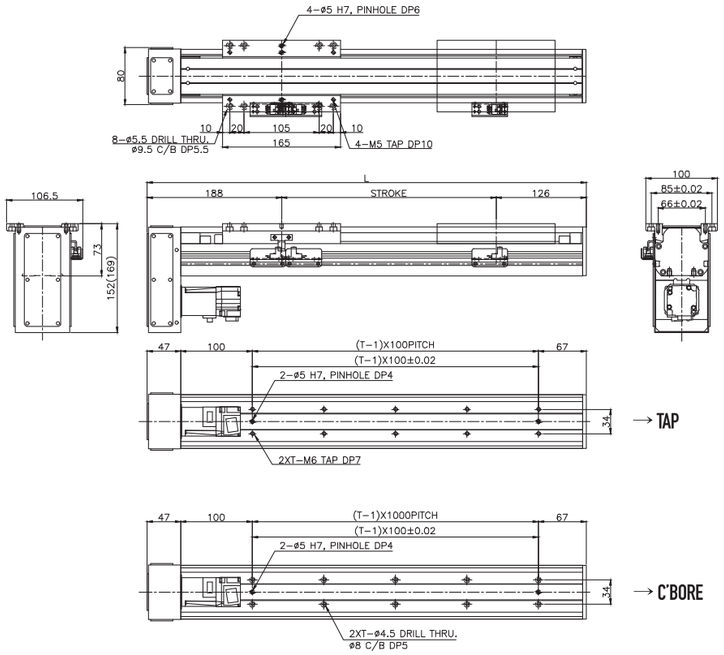
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



※ ( ) : 200W 적용

Detail Specification

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※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						358	289	238	199	169	145	-	-	-	-	-
	1520	1000						729	587	483	405	344	296	257	225	199	177	170
Body Length 100w [mm]	L	414	514	614	714	814	914	1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2014
Body Length 200w [mm]	L	414	514	614	714	814	914	1014	1114	1214	1314	1414	1514	1614	1714	1814	1914	2014
Weight [kg]	모터 제외	4.5	5.0	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11	11.5	12	12.5

Ball Screw Type

HR90-S [1BLOCK]

Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W

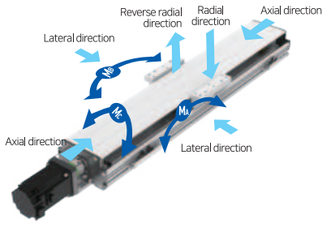


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

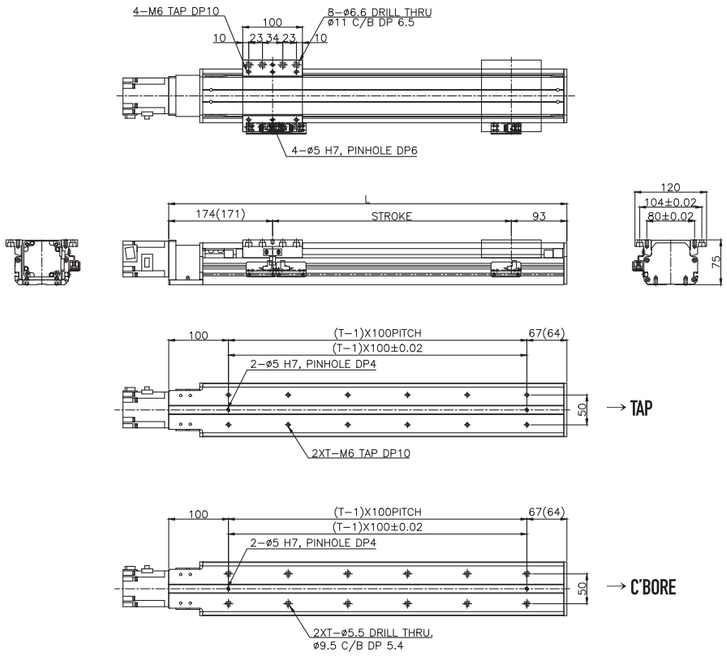
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]



※ ( ) : 100W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						209	166	134	111	94	80	-	-	-	-	-
	1510	500						419	332	269	223	188	160	-	-	-	-	-
	1520	1000						851	675	548	454	382	326	281	245	216	191	171
Body Length 100w [mm]	L	364	464	564	664	764	864	964	1064	1164	1264	1364	1464	1564	1664	1764	1864	1964
Body Length 200w [mm]	L	367	467	567	667	767	867	967	1067	1167	1267	1367	1467	1567	1667	1767	1867	1967
Weight [kg]	모터 제외	3.5	4.1	4.7	5.3	5.9	6.5	7.1	7.7	8.3	8.9	9.5	10.1	10.7	11.3	11.9	12.5	13.1

Ball Screw Type

HR90-L/R [1BLOCK]

Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W

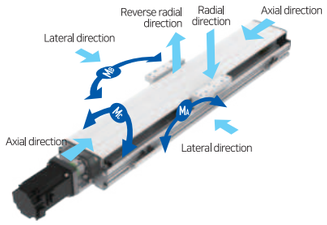


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

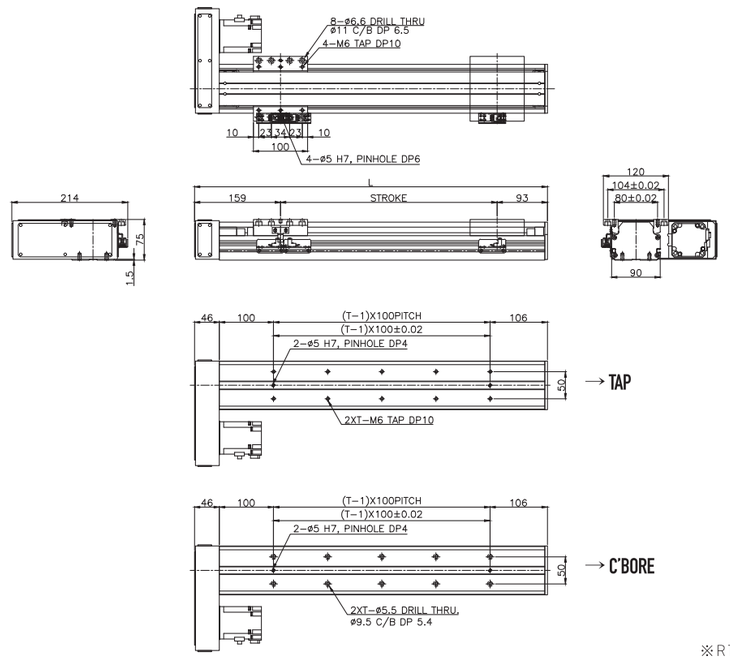
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						209	166	134	111	94	80	-	-	-	-	-
	1510	500						419	332	269	223	188	160	-	-	-	-	-
	1520	1000						851	675	548	454	382	326	281	245	216	191	171
Body Length 100w [mm]	L	352	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952
Body Length 200w [mm]	L	352	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952
Weight [kg]	모터 제외	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5

Ball Screw Type

HR90-D [1BLOCK]

Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W

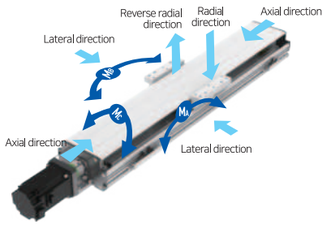


Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 1Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	15	12	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

※ 상기 제품군은 사용조건에 따라 LM GUIDE 사양이 변경될 수 있습니다.
자세한 사양은 본사 또는 지사(대리점)에 문의 바랍니다.

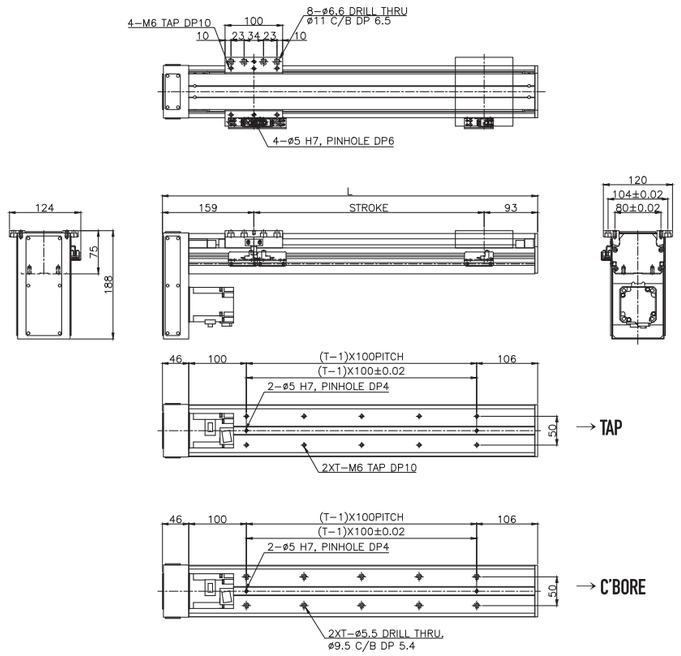
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	94.5	94.5	99.8

Dimensions

[unit : mm]



Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						209	166	134	111	94	80	-	-	-	-	-
	1510	500						419	332	269	223	188	160	-	-	-	-	-
	1520	1000						851	675	548	454	382	326	281	245	216	191	171
Body Length 100w [mm]	L	352	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952
Body Length 200w [mm]	L	352	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952
Weight [kg]	모터 제외	3.9	4.5	5.1	5.7	6.3	6.9	7.5	8.1	8.7	9.3	9.9	10.5	11.1	11.7	12.3	12.9	13.5

Ball Screw Type

HR90-S [2BLOCK]

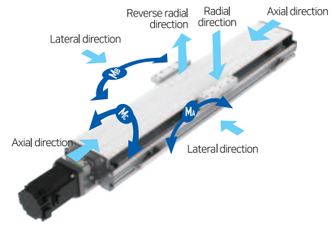
Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100	200	
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	20	15	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

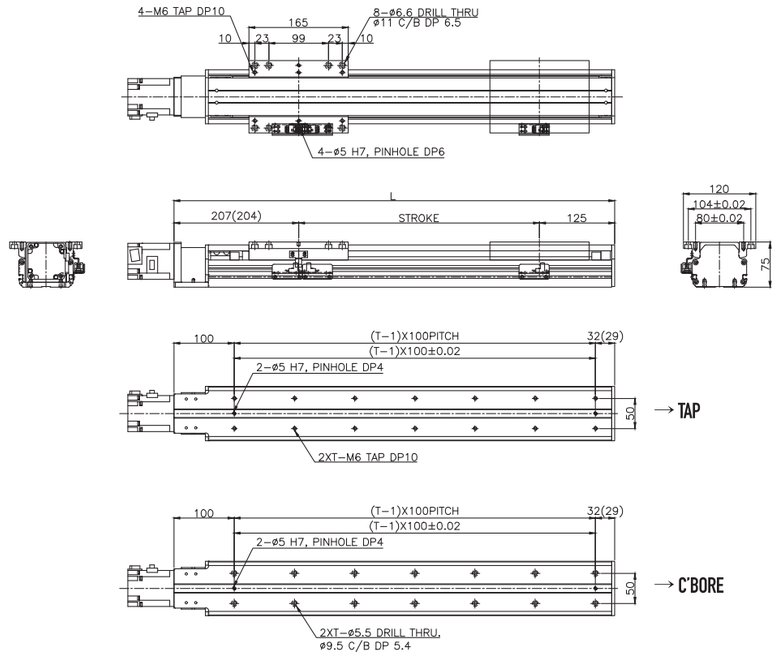
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



※ ( ) : 100W 적용

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						359	289	238	199	169	145	-	-	-	-	-
	1520	1000						731	589	484	405	344	296	257	226	199	177	159
Body Length 100w [mm]	L	429	529	629	729	829	929	1029	1129	1229	1329	1429	1529	1629	1729	1829	1929	2029
Body Length 200w [mm]	L	432	532	632	732	832	932	1032	1132	1232	1332	1432	1532	1632	1732	1832	1932	2032
Weight [kg]	모터 제외	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.2	10.7	11.2	11.7	12.2	12.7

HR90-L/R [2BLOCK]

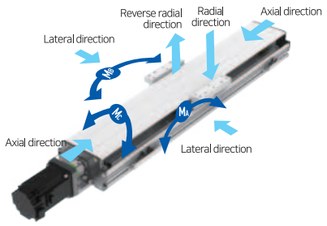
Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100		200
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	20	15	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

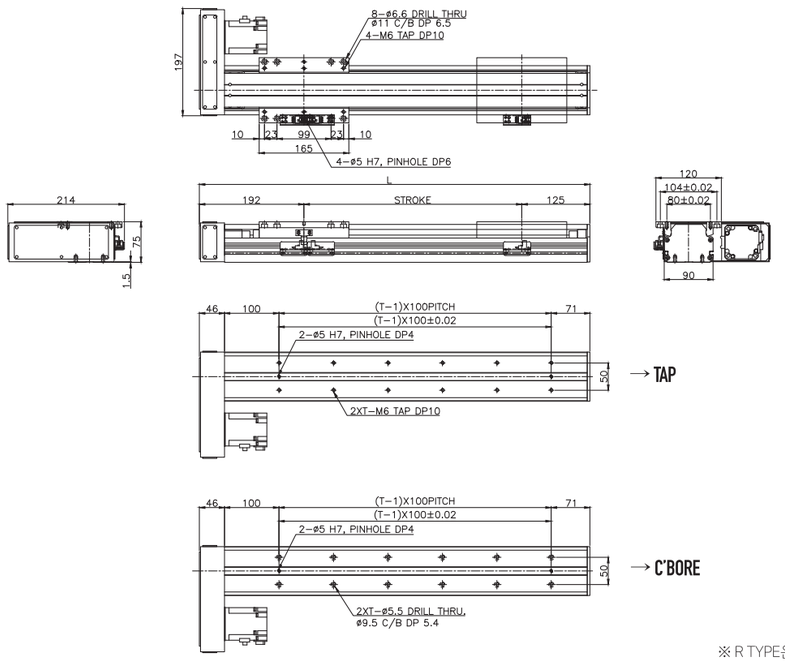
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						359	289	238	199	169	145	-	-	-	-	-
	1520	1000						731	589	484	405	344	296	257	226	199	177	159
Body Length 100w [mm]	L	355	455	555	655	755	855	955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955
Body Length 200w [mm]	L	355	455	555	655	755	855	955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955
Weight [kg]	모터 제외	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

HR90-D [2BLOCK]

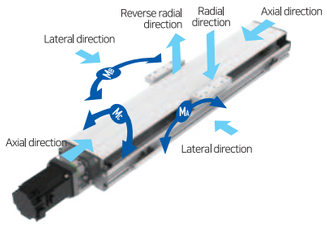
Body Size : 90mm I Max Stroke : 1700mm I Servo Motor : 100/200W



Specification

Motor Capacity [W]		100		200
LM Guide		No.15 (1Rail, 2Block)		
Ball Screw		Ø15 (Grade C7)		
Lead [mm]		5	10	20
Max Speed [mm/sec]		250	500	1000
Max Load [kgf]	Horizontal	40	35	30
	Vertical	20	15	10
Stroke [mm]		~ 1200		~ 1700
Repeatability [mm]		±0.02		
Sensor [OMRON]	ORG	EE-SX674		
	LIMIT [+/-]	EE-SX674A		

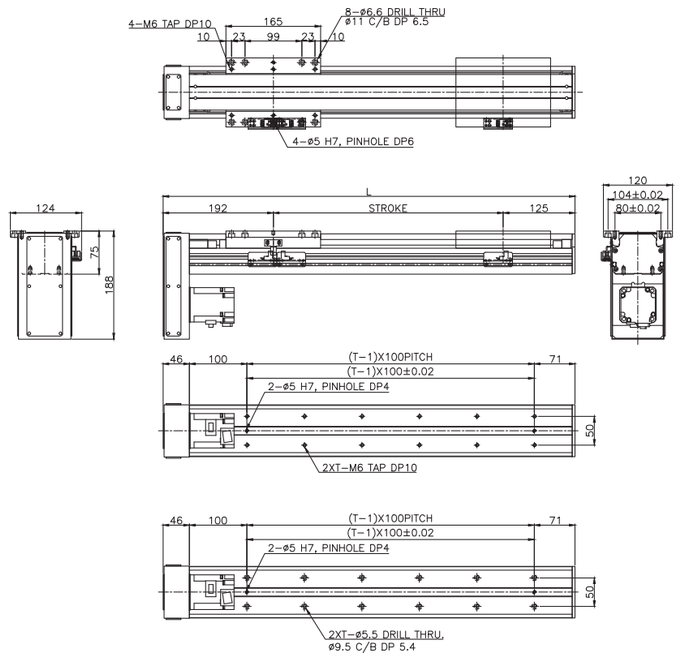
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	527	527	199.6

Dimensions

[unit : mm]



Detail Specification

※ 최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.
※ 리드30 적용 모델의 경우 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						179	144	119	99	84	72	-	-	-	-	-
	1510	500						359	289	238	199	169	145	-	-	-	-	-
	1520	1000						731	589	484	405	344	296	257	226	199	177	159
Body Length 100w [mm]	L	355	455	555	655	755	855	955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955
Body Length 200w [mm]	L	355	455	555	655	755	855	955	1055	1155	1255	1355	1455	1555	1655	1755	1855	1955
Weight [kg]	모터 제외	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6	9.1	9.6	10.1	10.6	11.1	11.6	12.1	12.6	13.1

Ball Screw Type

HR120-S

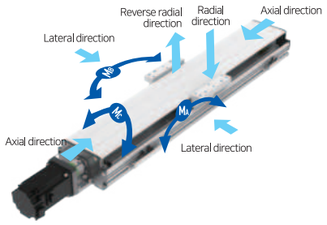
Body Size : 120mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	80	80	45	25
	Vertical	40	40	13	13
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

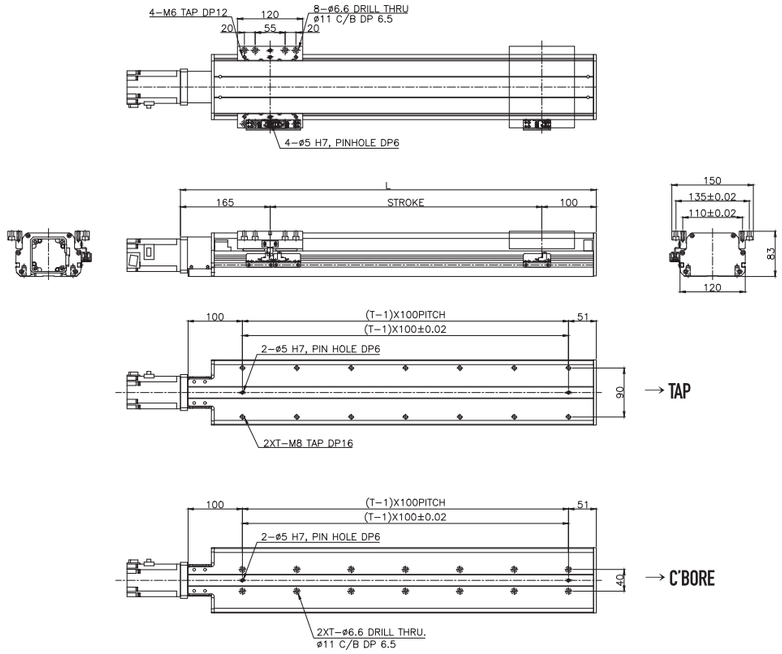
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						221	167	135	112	94	80	-	-	-	-	-
	1510	500						423	335	271	225	189	161	-	-	-	-	-
	1520	1000						860	681	552	457	384	328	283	247	217	192	171
	1530	1500						1339	1056	854	705	592	503	434	378	332	293	263
Body Length 200w [mm]	L	365	465	565	665	765	865	965	1065	1165	1265	1365	1465	1565	1665	1765	1865	1965
Body Length 400w [mm]	L	365	465	565	665	765	865	965	1065	1165	1265	1365	1465	1565	1665	1765	1865	1965
Weight [kg]	모터 제외	5.8	6.7	7.7	8.6	9.6	10.5	11.5	12.4	13.4	14.3	15.3	16.2	17.2	18.1	19.1	20.0	21.0

Ball Screw Type

HR120-L/R

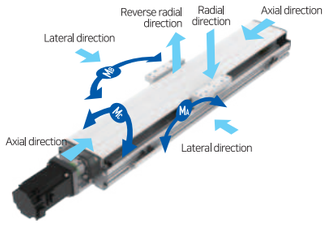
Body Size : 120mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	80	80	45	25
	Vertical	40	40	13	13
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

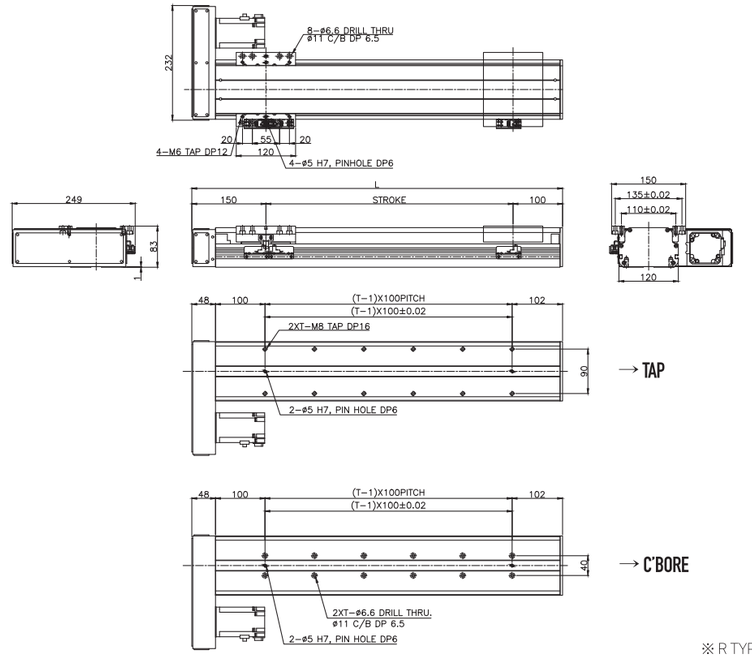
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						221	167	135	112	94	80	-	-	-	-	-
	1510	500						423	335	271	225	189	161	-	-	-	-	-
	1520	1000						860	681	552	457	384	328	283	247	217	192	171
	1530	1500						1339	1056	854	705	592	503	434	378	332	293	262
Body Length 200w [mm]	L	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950
Body Length 400w [mm]	L	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950
Weight [kg]	모터 제외	6.2	7.2	8.1	9.1	10.0	11.0	12.0	12.9	13.9	14.8	15.8	16.8	17.7	18.7	19.6	20.6	21.5

Ball Screw Type

HR120-D

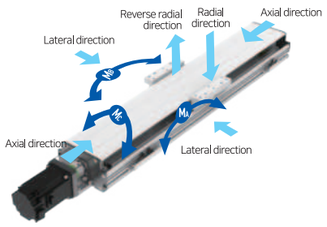
Body Size : 120mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	80	80	45	25
	Vertical	40	40	13	13
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

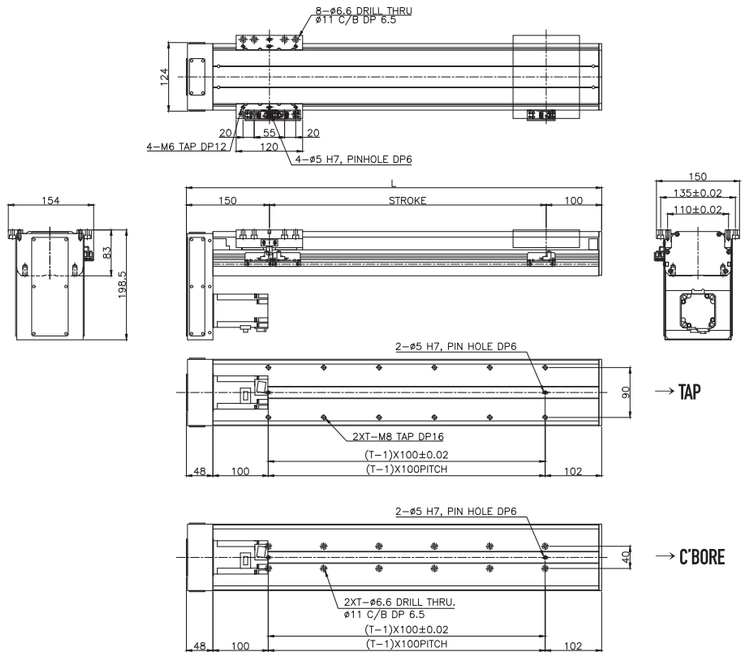
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						221	167	135	112	94	80	-	-	-	-	-
	1510	500						423	335	271	225	189	161	-	-	-	-	-
	1520	1000						860	681	552	457	384	328	283	247	217	192	171
	1530	1500						1339	1056	854	705	592	503	434	378	332	293	262
Body Length 200w [mm]	L	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950
Body Length 400w [mm]	L	350	450	550	650	750	850	950	1050	1150	1250	1350	1450	1550	1650	1750	1850	1950
Weight [kg]	모터 제외	6.2	7.2	8.1	9.1	10.0	11.0	12.0	12.9	13.9	14.8	15.8	16.8	17.7	18.7	19.6	20.6	21.5

Ball Screw Type

HR130-S

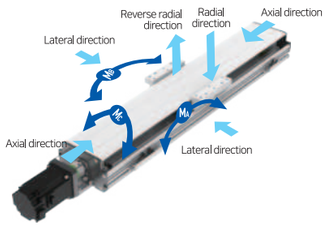
Body Size : 130mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	90	80	45	30
	Vertical	50	25	18	18
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

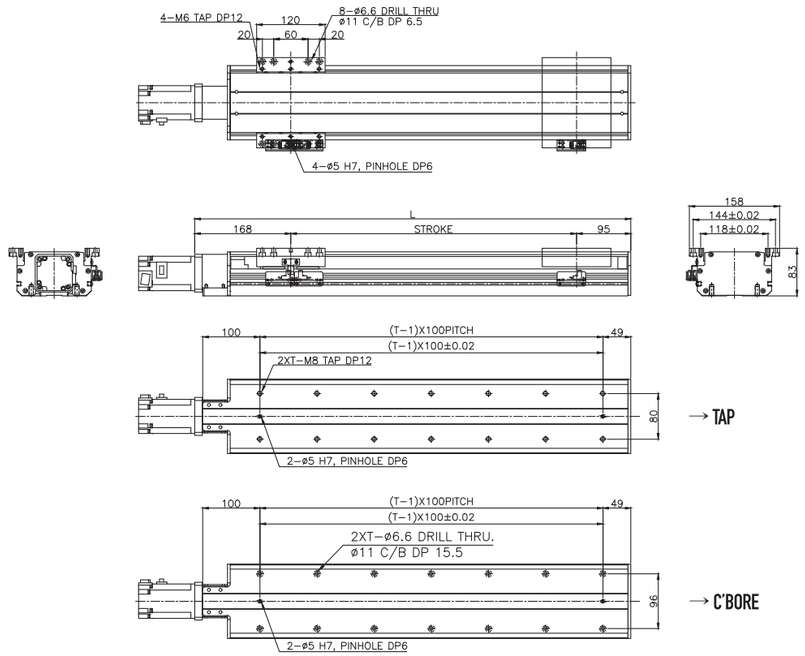
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						212	168	136	112	94	81	-	-	-	-	-
	1510	500						425	336	273	225	189	162	-	-	-	-	-
	1520	1000						864	684	555	459	386	329	284	247	217	193	172
	1530	1500						1309	1035	839	693	583	497	428	373	328	290	259
Body Length 200w [mm]	L	363	463	563	663	763	863	963	1063	1163	1263	1363	1463	1563	1663	1763	1863	1963
Body Length 400w [mm]	L	363	463	563	663	763	863	963	1063	1163	1263	1363	1463	1563	1663	1763	1863	1963
Weight [kg]	모터 제외	6.1	7.2	8.2	9.2	10.2	11.3	12.3	13.3	14.3	15.3	16.4	17.4	18.4	19.4	20.5	21.5	22.5

Ball Screw Type

HR130-L/R

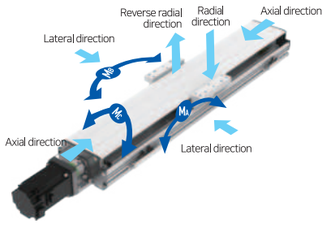
Body Size : 130mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	90	80	45	30
	Vertical	50	25	18	18
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

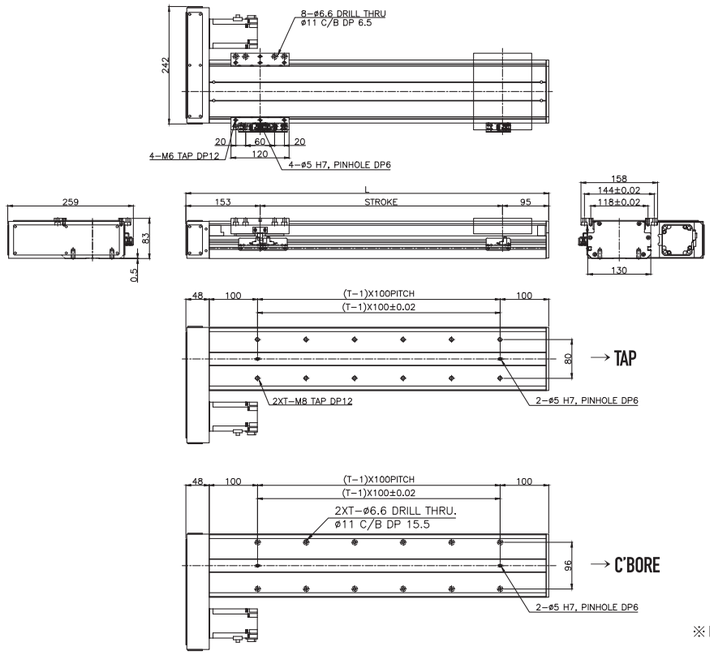
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						212	168	136	112	94	81	-	-	-	-	-
	1510	500						425	336	273	225	189	162	-	-	-	-	-
	1520	1000						864	684	555	459	386	329	284	247	217	193	172
	1530	1500						1039	1035	839	693	583	497	428	373	328	290	259
Body Length 200w [mm]	L	348	448	548	648	748	848	948	1048	1148	1248	1348	1448	1548	1648	1748	1848	1948
Body Length 400w [mm]	L	348	448	548	648	748	848	948	1048	1148	1248	1348	1448	1548	1648	1748	1848	1948
Weight [kg]	모터 제외	6.6	7.6	8.6	9.7	10.7	11.7	12.7	13.8	14.8	15.8	16.8	17.8	18.9	19.9	20.9	21.9	23.0

Ball Screw Type

HR130-D

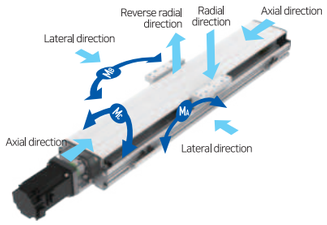
Body Size : 130mm I Max Stroke : 1700mm I Servo Motor : 200/400W



Specification

Motor Capacity [W]		200		400	
LM Guide		No.15 (2Rail, 4Block)			
Ball Screw		Ø15 (Grade C7)			
Lead [mm]		5	10	20	30
Max Speed [mm/sec]		250	500	1000	1500
Max Load [kgf]	Horizontal	90	80	45	30
	Vertical	50	25	18	18
Stroke [mm]		~ 1200		~ 1700	
Repeatability [mm]		±0.02			
Sensor [OMRON]	ORG	EE-SX674			
	LIMIT [+/-]	EE-SX674A			

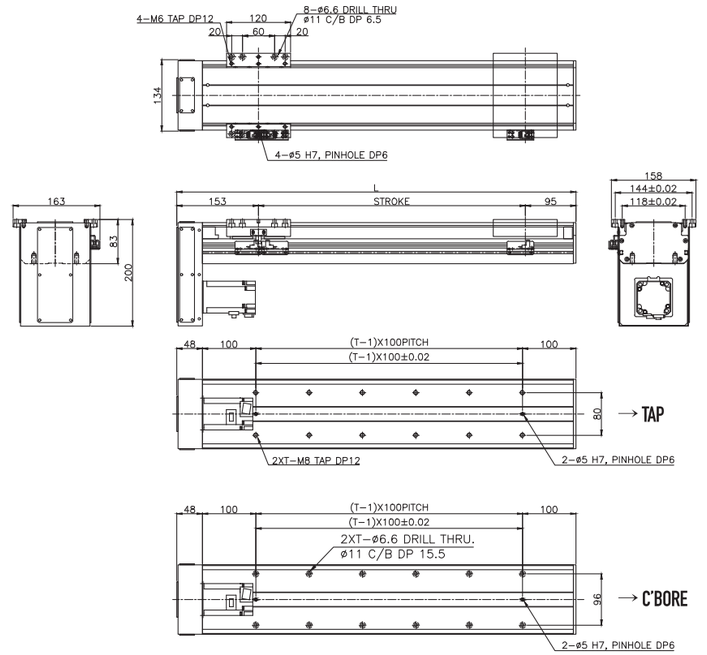
Statically Admissible State



Statically Admissible State (N-m)	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	1505	250						212	168	136	112	94	81	-	-	-	-	-
	1510	500						425	336	273	225	189	162	-	-	-	-	-
	1520	1000						864	684	555	459	386	329	284	247	217	193	172
	1530	1500						1039	1035	839	693	583	497	428	373	328	290	259
Body Length 200w [mm]	L	348	448	548	648	748	848	948	1048	1148	1248	1348	1448	1548	1648	1748	1848	1948
Body Length 400w [mm]	L	348	448	548	648	748	848	948	1048	1148	1248	1348	1448	1548	1648	1748	1848	1948
Weight [kg]	모터 제외	6.6	7.6	8.6	9.7	10.7	11.7	12.7	13.8	14.8	15.8	16.8	17.8	18.9	19.9	20.9	21.9	23.0

Ball Screw Type

HR140-S

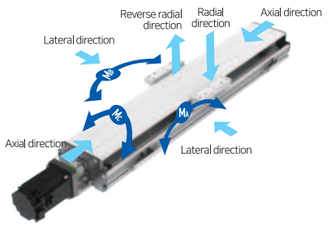
Body Size : 140mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.15 (2Rail, 4Block)				
Ball Screw		Ø15 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	100	90	50	40	30
	Vertical	40	30	20	20	20
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

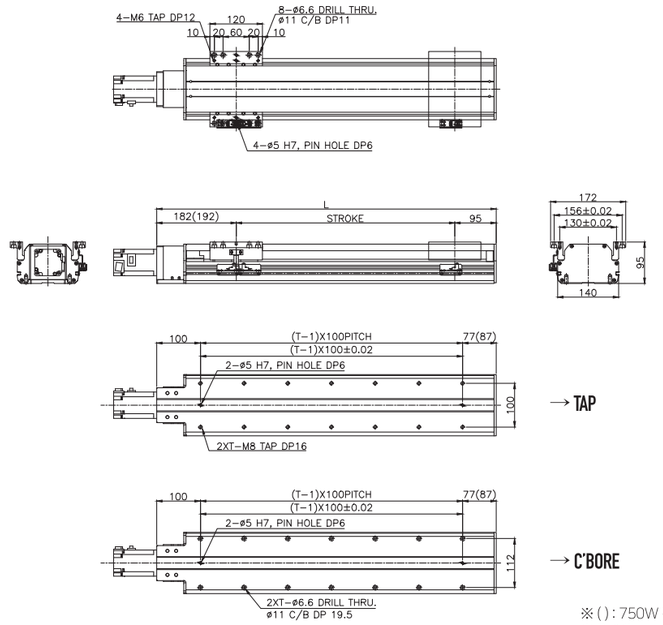
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



※ ( ) : 750W 적용
※ Ball Screw Ø15 적용 가능하며,
본사 또는 지사(대리점)으로 문의 바랍니다.

Detail Specification

※최대 스트로크 및 속도, 대리드 사양은 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250								194	161	135	115	99	86	76	67	60
	2010	500								389	322	270	230	198	173	152	134	120
	2020	1000								793	655	550	469	404	352	309	274	244
	2030	1500								1190	983	826	704	607	528	464	411	367
	2040	2000								1578	1304	1095	933	804	701	616	545	486
Body Length 400w [mm]	L	377	477	577	677	777	877	977	1077	1177	1277	1377	1477	1577	1677	1777	1877	1977
Body Length 750w [mm]	L	387	487	587	687	787	887	987	1087	1187	1287	1387	1487	1587	1687	1787	1887	1987
Weight [kg]	모터 제외	8.4	9.7	11.0	12.3	13.6	14.9	16.2	17.5	18.8	20.1	21.4	22.7	24.0	25.3	26.6	27.9	29.2

Ball Screw Type

HR140-L/R

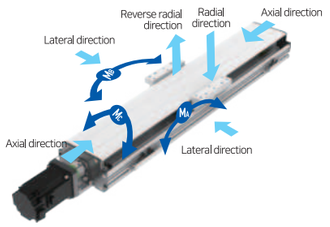
Body Size : 140mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.15 (2Rail, 4Block)				
Ball Screw		Ø15 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	100	90	50	40	30
	Vertical	40	30	20	20	20
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

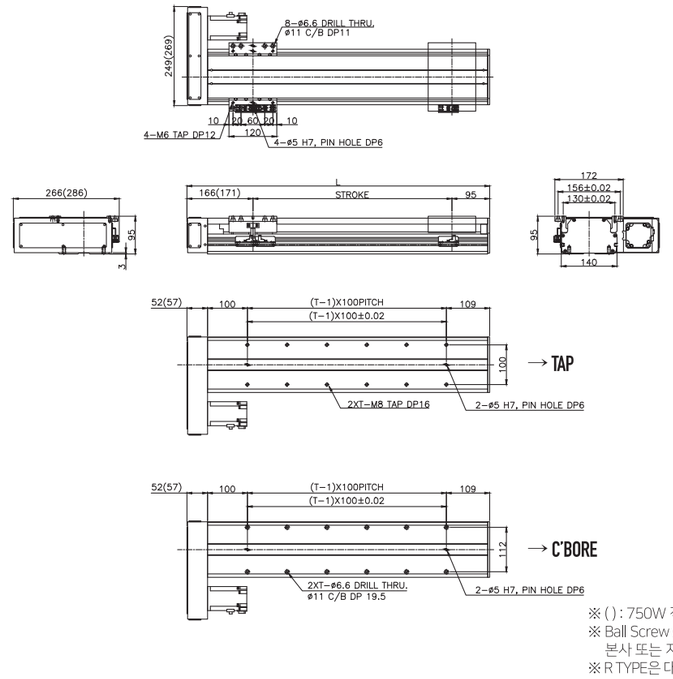
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



※ ( ) : 750W 적용
※ Ball Screw Ø15 적용 가능하며,
본사 또는 지사(대리점)으로 문의 바랍니다.
※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도, 대리드 사양은 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250								194	161	135	115	99	86	76	67	60
	2010	500								389	322	270	230	198	173	152	134	120
	2020	1000								793	655	550	469	404	352	309	274	244
	2030	1500								1190	983	826	704	607	528	464	411	367
	2040	2000								1578	1304	1095	933	804	701	616	545	486
Body Length 400w [mm]	L	361	461	561	661	761	861	961	1061	1161	1261	1361	1461	1561	1661	1761	1861	1961
Body Length 750w [mm]	L	366	466	566	666	766	866	966	1066	1166	1266	1366	1466	1566	1666	1766	1866	1966
Weight [kg]	모터 제외	9.2	10.5	11.8	13.1	14.4	15.7	17.0	18.3	19.6	20.9	22.2	23.5	24.8	26.1	27.4	28.7	30.0

Ball Screw Type

HR140-D

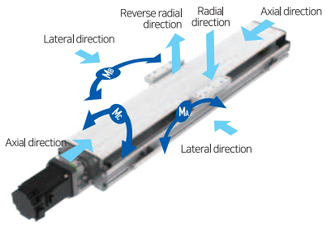
Body Size : 140mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.15 (2Rail, 4Block)				
Ball Screw		Ø15 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	100	90	50	40	30
	Vertical	40	30	20	20	20
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

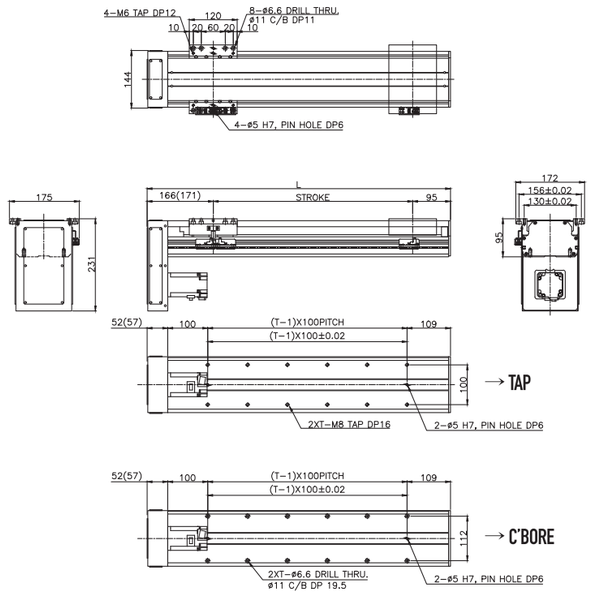
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	825	825	216

Dimensions

[unit : mm]



※ ( ) : 750W 적용
※ Ball Screw Ø15 적용 가능하며,
본사 또는 지사(대리점)으로 문의 바랍니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250								194	161	135	115	99	86	76	67	60
	2010	500								389	322	270	230	198	173	152	134	120
	2020	1000								793	655	550	469	404	352	309	274	244
	2030	1500								1190	983	826	704	607	528	464	411	367
	2040	2000								1578	1304	1095	933	804	701	616	545	486
Body Length 400w [mm]	L	361	461	561	661	761	861	961	1061	1161	1261	1361	1461	1561	1661	1761	1861	1961
Body Length 750w [mm]	L	366	466	566	666	766	866	966	1066	1166	1266	1366	1466	1566	1666	1766	1866	1966
Weight [kg]	모터 제외	9.2	10.5	11.8	13.1	14.4	15.7	17.0	18.3	19.6	20.9	22.2	23.5	24.8	26.1	27.4	28.7	30.0

Ball Screw Type

HR160-S

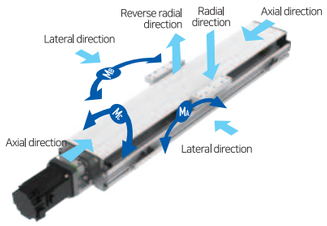
Body Size : 160mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	120	100	60	40	40
	Vertical	45	35	23	23	23
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

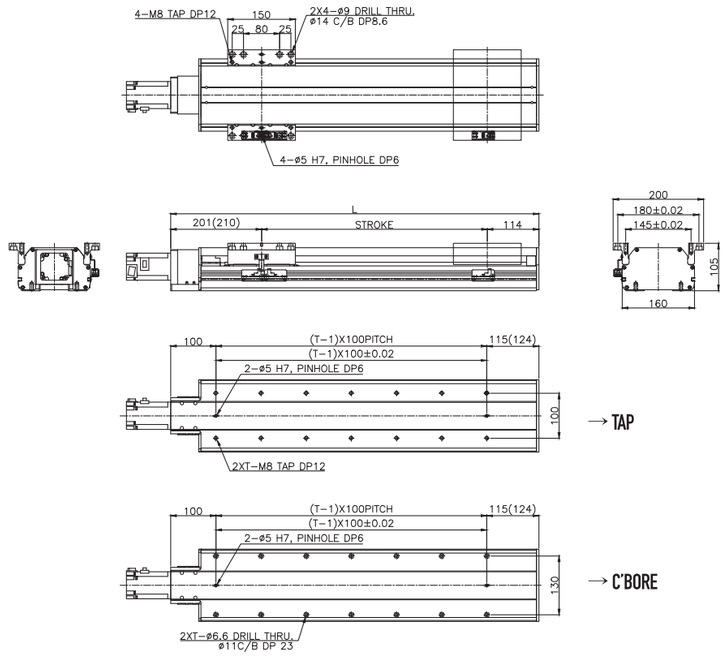
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



※ ( ) : 750W 적용

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							223	182	151	127	109	94	82	72	64	57
	2010	500							446	364	302	255	218	189	165	145	129	115
	2020	1000								740	615	520	445	385	336	296	263	235
	2030	1500								1111	923	780	667	607	577	505	445	395
	2040	2000								1473	1224	1034	885	766	669	590	524	468
Body Length 400w [mm]	L	415	515	615	715	815	915	1015	1115	1215	1315	1415	1515	1615	1715	1815	1915	2015
Body Length 750w [mm]	L	424	524	624	724	824	924	1024	1124	1224	1324	1424	1524	1624	1724	1824	1924	2024
Weight [kg]	모터 제외	11.2	12.8	14.4	16.0	17.6	19.2	20.8	22.4	24.0	25.6	27.2	28.8	30.4	32.0	33.6	35.2	36.8

Ball Screw Type

HR160-L/R

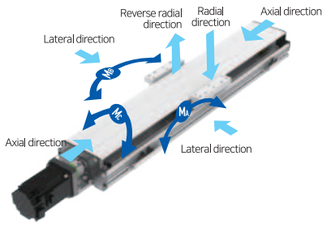
Body Size : 160mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	120	100	60	40	40
	Vertical	45	35	23	23	23
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

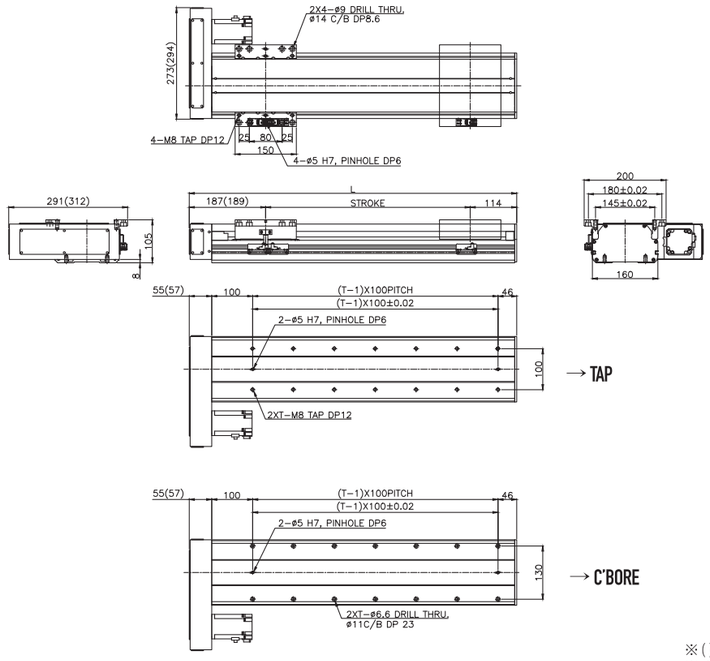
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



※( ) : 750W 적용
※R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							223	182	151	127	109	94	82	72	64	57
	2010	500							446	364	302	255	218	189	165	145	129	115
	2020	1000								740	615	520	445	385	336	296	263	235
	2030	1500								1111	923	780	667	607	577	505	445	395
	2040	2000								1473	1224	1034	885	766	669	590	524	468
Body Length 400w [mm]	L	401	501	601	701	801	901	1001	1101	1201	1301	1401	1501	1601	1701	1801	1901	2001
Body Length 750w [mm]	L	403	503	603	703	803	903	1003	1103	1203	1303	1403	1503	1603	1703	1803	1903	2003
Weight [kg]	모터 제외	11.9	13.5	15.1	16.7	18.3	19.9	21.5	23.1	24.7	26.3	27.9	29.5	31.1	32.7	34.3	35.9	37.5

Ball Screw Type

HR160-D

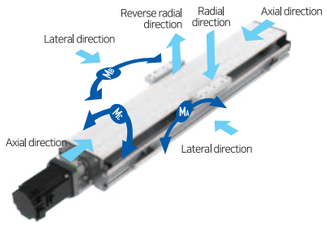
Body Size : 160mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	120	100	60	40	40
	Vertical	45	35	23	23	23
Stroke [mm]		~ 1200		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

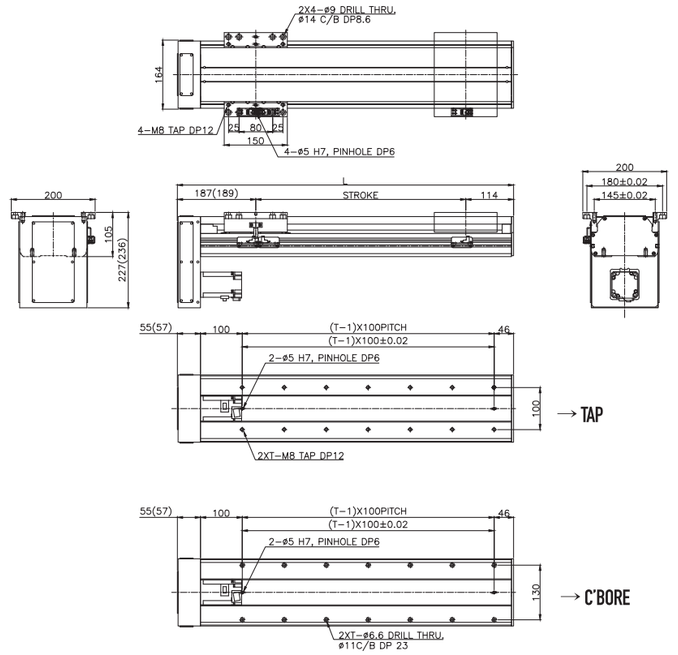
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



※( ) : 750W 적용

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							223	182	151	127	109	94	82	72	64	57
	2010	500							446	364	302	255	218	189	165	145	129	115
	2020	1000								740	615	520	445	385	336	296	263	235
	2030	1500								1111	923	780	667	607	577	505	445	395
	2040	2000								1473	1224	1034	885	766	669	590	524	468
Body Length 400w [mm]	L	401	501	601	701	801	901	1001	1101	1201	1301	1401	1501	1601	1701	1801	1901	2001
Body Length 750w [mm]	L	403	503	603	703	803	903	1003	1103	1203	1303	1403	1503	1603	1703	1803	1903	2003
Weight [kg]	모터 제외	11.9	13.5	15.1	16.7	18.3	19.9	21.5	23.1	24.7	26.3	27.9	29.5	31.1	32.7	34.3	35.9	37.5

Ball Screw Type

HR180-S

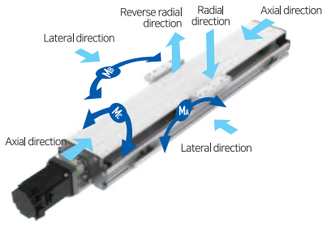
Body Size : 180mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

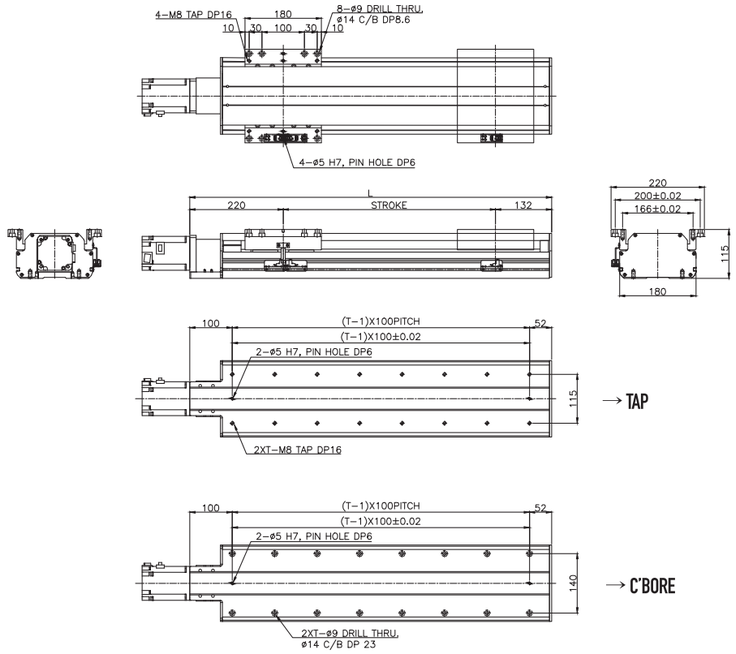
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							210	172	144	122	105	91	79	70	62	56
	2010	500							421	345	288	244	210	182	159	141	125	112
	2020	1000							857	703	587	498	427	371	325	287	255	228
	2030	1500								1286	1055	881	747	641	556	487	430	383
	2040	2000								1705	1399	1168	990	850	738	646	571	508
Body Length 400w [mm]	L	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952	2052
Body Length 750w [mm]	L	452	552	652	752	852	952	1052	1152	1252	1352	1452	1552	1652	1752	1852	1952	2052
Weight [kg]	모터 제외	13.5	15.1	16.7	18.3	19.9	21.5	23.1	24.7	26.3	27.9	29.5	31.1	32.7	34.3	35.9	37.5	39.1

Ball Screw Type

HR180-L/R

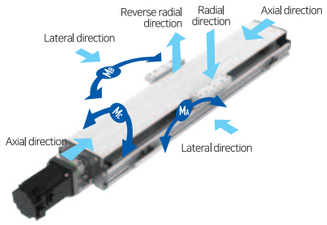
Body Size : 180mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

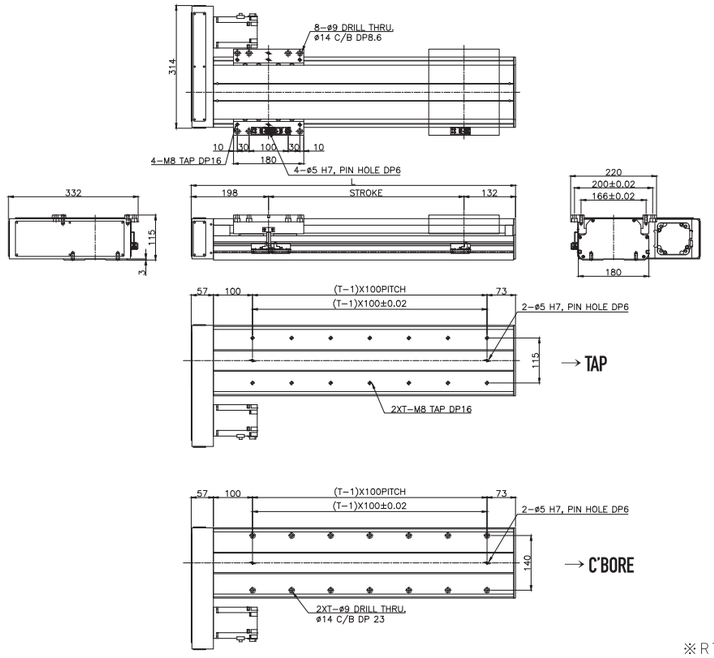
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



※ R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							210	172	144	122	105	91	79	70	62	56
	2010	500							421	345	288	244	210	182	159	141	125	112
	2020	1000							857	703	587	498	427	371	325	287	255	228
	2030	1500								1286	1055	881	747	641	556	487	430	383
	2040	2000								1705	1399	1168	990	850	738	646	571	508
Body Length 400w [mm]	L	430	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030
Body Length 750w [mm]	L	430	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030
Weight [kg]	모터 제외	14.1	15.8	17.5	19.2	20.9	22.6	24.3	26	27.7	29.4	31.1	32.8	34.5	36.2	37.9	39.6	41.3

Ball Screw Type

HR180-D

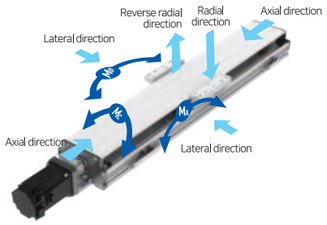
Body Size : 180mm I Max Stroke : 2200mm I Servo Motor : 400/750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

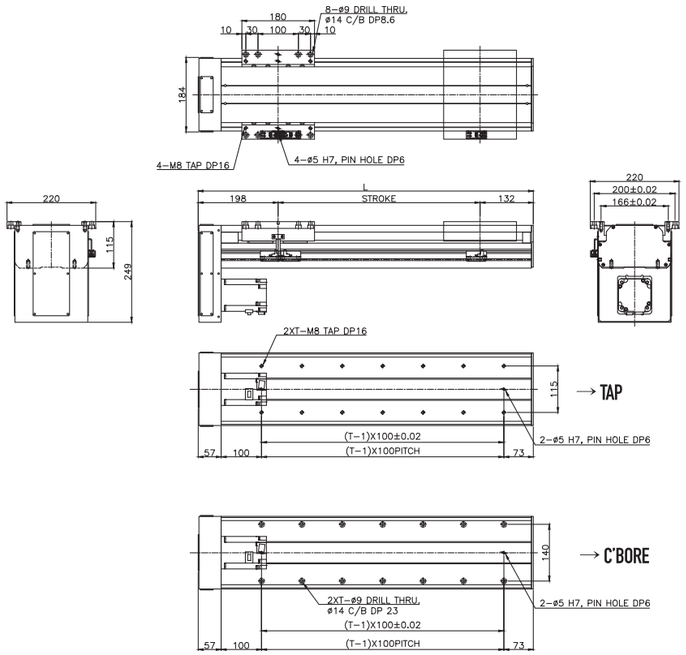
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	2,400	2,400	617

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							210	172	144	122	105	91	79	70	62	56
	2010	500							421	345	288	244	210	182	159	141	125	112
	2020	1000							857	703	587	498	427	371	325	287	255	228
	2030	1500								1286	1055	881	747	641	556	487	430	383
	2040	2000								1705	1399	1168	990	850	738	646	571	508
Body Length 400w [mm]	L	430	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030
Body Length 750w [mm]	L	430	530	630	730	830	930	1030	1130	1230	1330	1430	1530	1630	1730	1830	1930	2030
Weight [kg]	모터 제외	14.1	15.8	17.5	19.2	20.9	22.6	24.3	26	27.7	29.4	31.1	32.8	34.5	36.2	37.9	39.6	41.3

Ball Screw Type

HR200-S

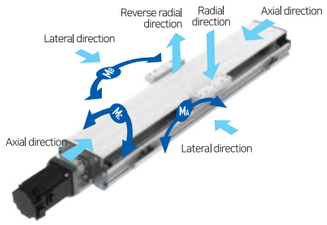
Body Size : 200mm I Max Stroke : 2100mm I Servo Motor : 750W



Specification

Motor Capacity [W]		400			750	
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

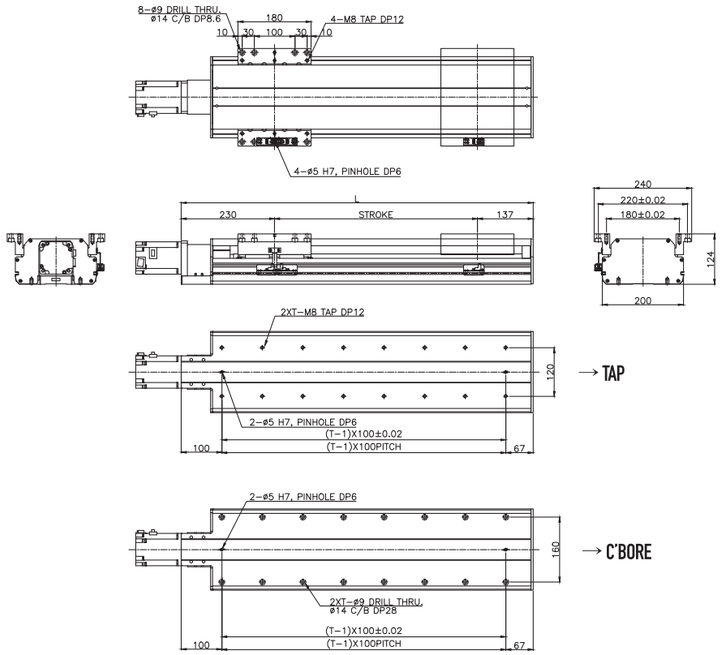
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	3,630	3,630	614

Dimensions

[unit : mm]



Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							208	171	143	121	104	90	79	70	62	-
	2010	500							416	342	286	242	208	181	158	140	124	-
	2020	1000							848	696	582	494	424	368	322	285	253	227
	2030	1500							1305	1069	892	755	648	562	492	434	386	345
	2040	2000							1730	1417	1182	1001	859	745	652	575	512	458
Body Length 750w [mm]	L	467	567	667	767	867	967	1067	1167	1267	1367	1467	1567	1667	1767	1867	1967	2067
Weight [kg]	모터 제외	16.6	18.2	19.8	21.3	22.9	24.4	26.0	27.6	29.1	30.7	32.2	33.8	35.4	36.9	38.5	40.0	41.6

Ball Screw Type

HR200-L/R

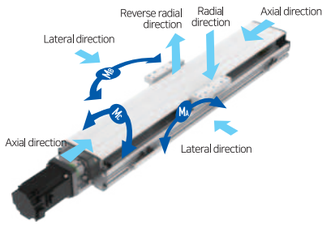
Body Size : 200mm I Max Stroke : 2100mm I Servo Motor : 750W



Specification

Motor Capacity [W]		400		750		
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

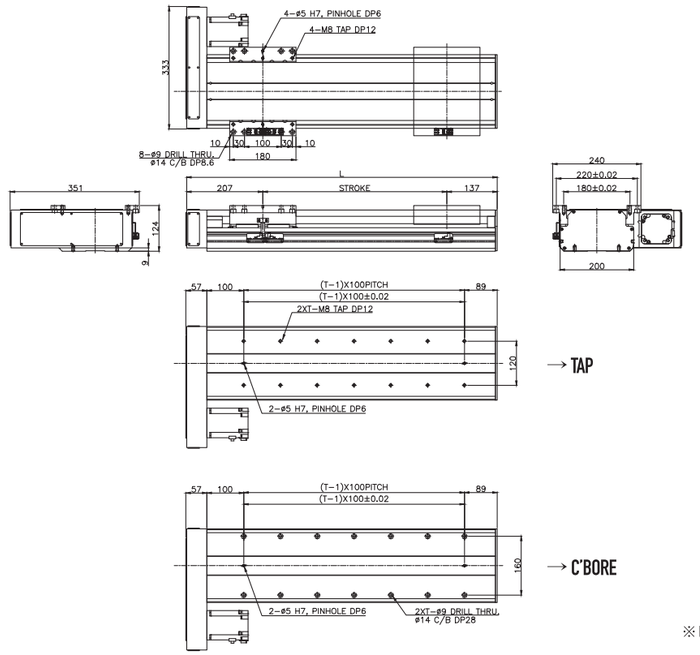
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	3,630	3,630	614

Dimensions

[unit : mm]



※R TYPE은 대칭된 도면입니다.

Detail Specification

※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							208	171	143	121	104	90	79	70	62	-
	2010	500							416	342	286	242	208	181	158	140	124	-
	2020	1000							848	696	582	494	424	368	322	285	253	227
	2030	1500							1305	1069	892	755	648	562	492	434	386	345
	2040	2000							1730	1417	1182	1001	859	745	652	575	512	458
Body Length 750w [mm]	L	446	546	646	746	846	946	1046	1146	1246	1346	1446	1546	1646	1746	1846	1946	2046
Weight [kg]	모터 제외	17.6	19.2	20.8	22.4	24.0	25.6	27.2	28.8	30.4	32.0	33.6	35.2	36.8	38.4	40.0	41.6	43.2

Ball Screw Type

HR200-D

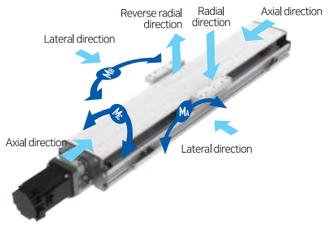
Body Size : 200mm I Max Stroke : 2100mm I Servo Motor : 750W



Specification

Motor Capacity [W]		400		750		
LM Guide		No.20 (2Rail, 4Block)				
Ball Screw		Ø20 (Grade C7)				
Lead [mm]		5	10	20	30	40
Max Speed [mm/sec]		250	500	1000	1500	2000
Max Load [kgf]	Horizontal	150	130	85	40	40
	Vertical	50	40	25	25	25
Stroke [mm]		~ 1700		~ 2200		
Repeatability [mm]		±0.02				
Sensor [OMRON]	ORG	EE-SX674				
	LIMIT [+/-]	EE-SX674A				

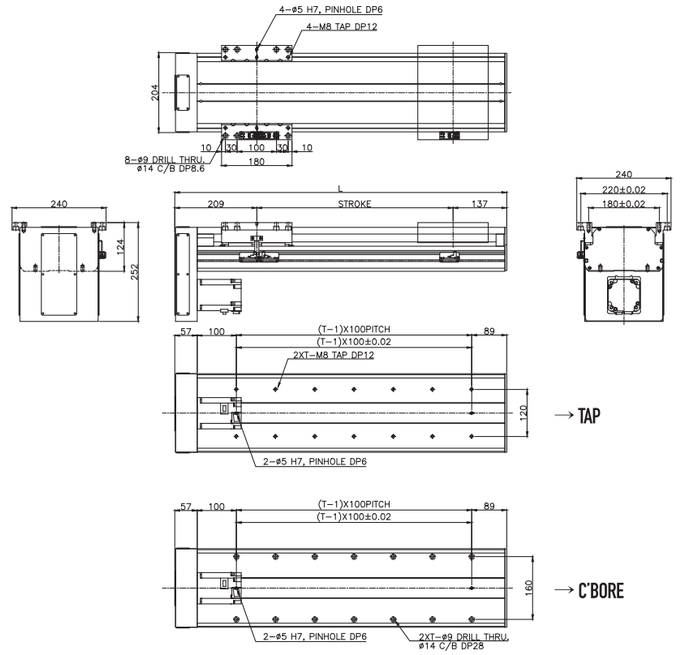
Statically Admissible State



Statically Admissible State [N-m]	MA	MB	MC
	3,630	3,630	614

Dimensions

[unit : mm]



Detail Specification

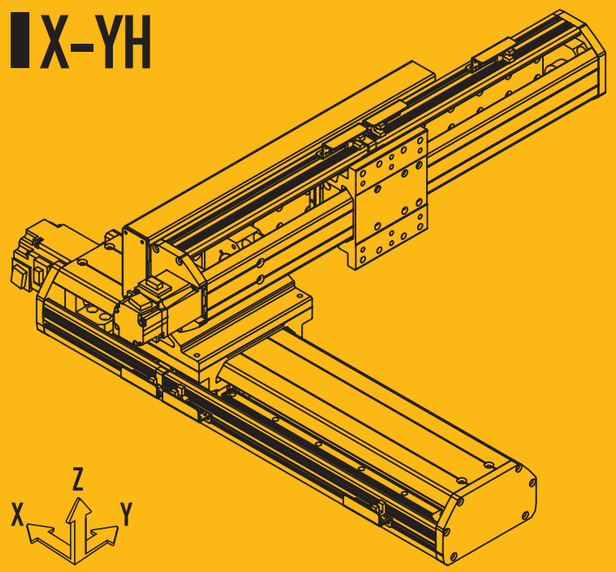
※최대 스트로크 및 속도는 본사 또는 지사(대리점)으로 문의 바랍니다.

Stroke [mm]		100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700
Max Speed [mm/s]	2005	250							208	171	143	121	104	90	79	70	62	-
	2010	500							416	342	286	242	208	181	158	140	124	-
	2020	1000							848	696	582	494	424	368	322	285	253	227
	2030	1500							1305	1069	892	755	648	562	492	434	386	345
	2040	2000							1730	1417	1182	1001	859	745	652	575	512	458
Body Length 750w [mm]	L	446	546	646	746	846	946	1046	1146	1246	1346	1446	1546	1646	1746	1846	1946	2046
Weight [kg]	모터 제외	17.6	19.2	20.8	22.4	24.0	25.6	27.2	28.8	30.4	32.0	33.6	35.2	36.8	38.4	40.0	41.6	43.2

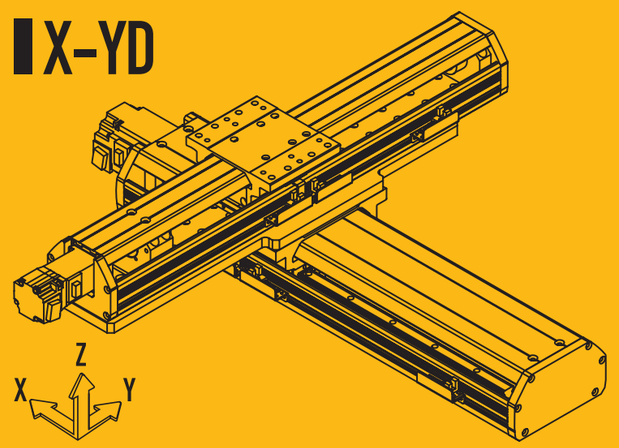
Ball Screw Type 조합 INDEX

로봇의 조합형태 Bracket을 이용한 조합형태는 5가지로 구분됩니다.

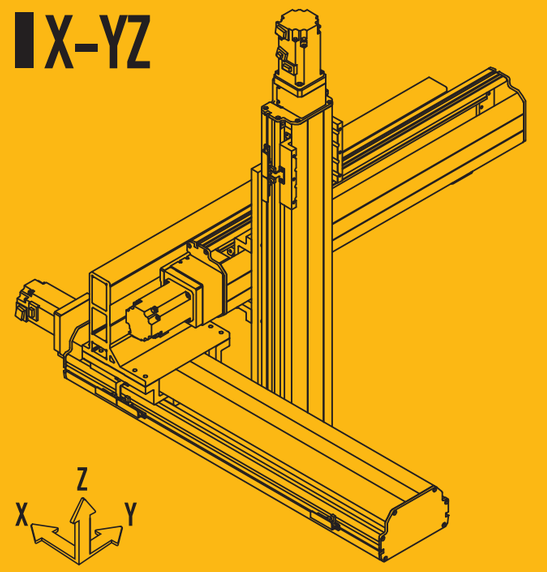
X-YH



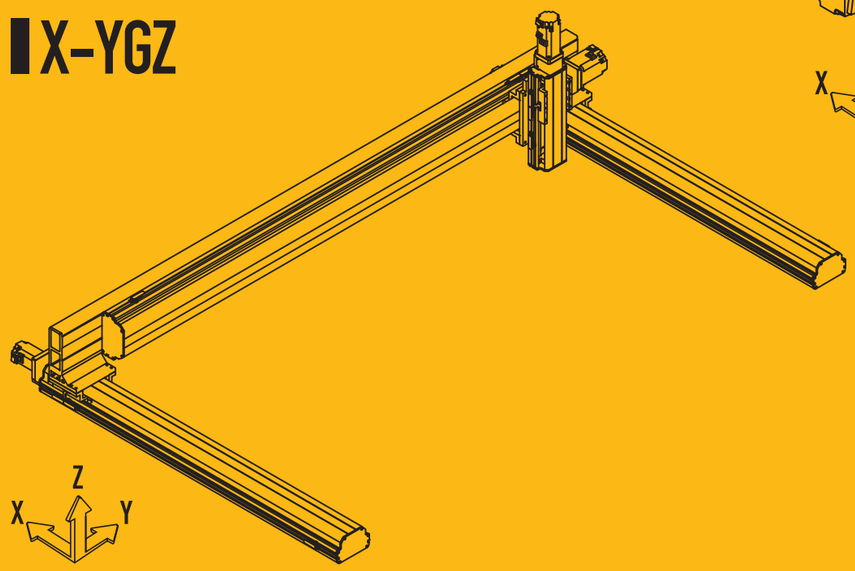
X-YD



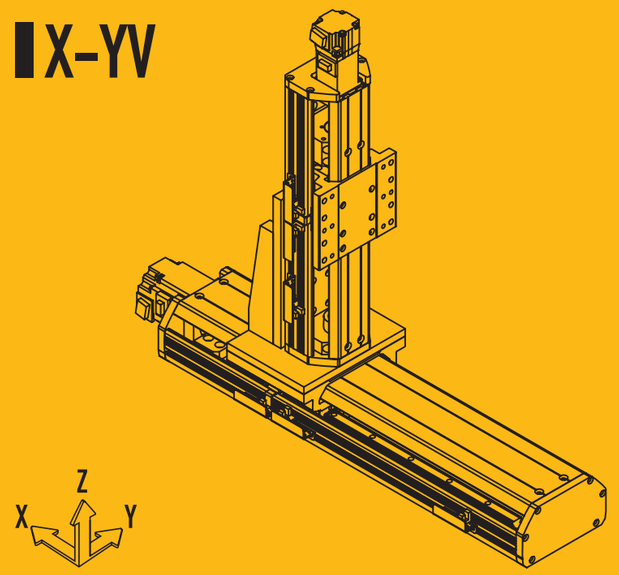
X-YZ



X-YGZ



X-YV



MEMO

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