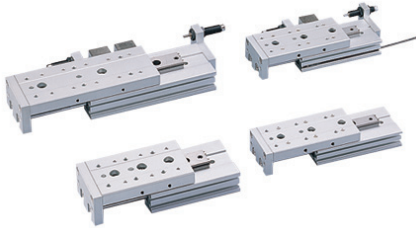


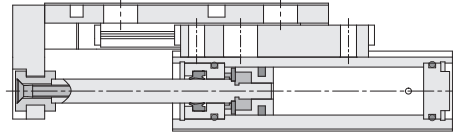
MDX(L) series Dual Rod Table With Slider Mechanism

Product features/ Code of order

CHELIC



Internal structure



Theoretical force

Bore size mm	Shaft dia. mm	Piston action	Piston area	Air pressure (kgf/cm ²)						
				1	2	3	4	5	6	7
6	3	Push	0.5	—	1.0	1.5	2.0	2.5	3.0	3.5
		Pull	0.4	—	0.8	1.2	1.6	2.0	2.4	2.8
8	5	Push	1.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0
		Pull	0.7	0.7	1.4	2.1	2.8	3.5	4.2	4.9
12	6	Push	2.2	2.2	4.4	6.6	8.8	11	13.2	15.4
		Pull	1.7	1.7	3.4	5.1	6.8	8.5	10.2	11.9
16	8	Push	4.0	4.0	8.0	12	16	20	24	28
		Pull	3.0	3.0	6.0	9.0	12	15	18	21
20	10	Push	6.2	6.2	12.4	18.6	24.8	31	37.2	43.4
		Pull	4.7	4.7	9.4	14.1	18.8	23.5	28.2	32.9
25	12	Push	9.8	9.8	19.6	29.4	39.2	49	58.5	68.6
		Pull	7.5	7.5	15	22.5	30	37.5	45	52.5

Note: The above data are for reference only. When come to actual practice, frictional force and the mechanical efficiency have to be taken into considerations. (About 70%~80%)

Specification

Item	Bore size	Ø6	Ø8	Ø12	Ø16	Ø20	Ø25
Action		Double acting					
Fluid		Air					
Pressure range	Kgf/cm ² (kPa)	1 ~ 8.5 (100 ~ 850)					
Max. operating pressure	Kgf/cm ² (kPa)	9.5 (950)					
Ambient and fluid temperature	°C	0 ~ 60					
Piston speed	mm/s	100 ~ 500					
Port size		M3×0.5p	M5×0.8p	RC 1/8			
Sensing device		With magnet					

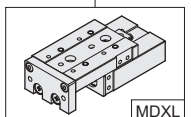
Bore size and Stroke

Bore size	Standard stroke
6	10, 20, 30, 40, 50
8	10, 20, 30, 40, 50, 75
12	10, 20, 30, 40, 50, 75, 100
16	10, 20, 30, 40, 50, 75, 100, 125
20	10, 20, 30, 40, 50, 75, 100, 125, 150
25	10, 20, 30, 40, 50, 75, 100, 125, 150

Code of order

MDX (Model) × **12** (Bore size) × **50** (Stroke) - **SD 2** (Sensor switch) - **B.M 2** (Shock absorber)

MDX :
Dual Rod Table With Slider Mechanism (Standard)



MDXL :
Dual Rod Table With Slider Mechanism (Symmetric)

How to select Shock absorber

Bore size	Shock absorber	Max. absorb function
6	—	—
8	SAC-0806	0.2 kgf.m
12	SAC-0806	0.2 kgf.m
16	SAC-1008	0.4 kgf.m
20	SAC-1412	1.5 kgf.m
25	SAC-1412	1.5 kgf.m

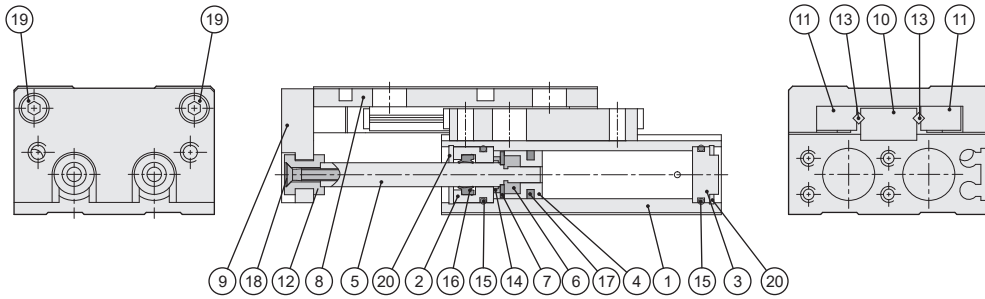
Expression: Shock absorber is mounted on the side of body so as to absorb the impact force.
(Please indicate AM mark number; M is shock absorber mounting sets)
M1 : Front shock absorber mounting sets
M2 : Front-back shock absorber mounting sets
M3 : Back shock absorber mounting sets

CS-8G (Sensor switch mark) **SG 2** (Quantity of sensor switch)
 None: Without sensor switch
CS-9D (Sensor switch mark) **SD 2** (Quantity of sensor switch)
 None: Without sensor switch
CS-9B (Sensor switch mark) **SB 1** (Quantity of sensor switch)
 None: Without sensor switch
M (Shock absorber mounting set) **BM 2** (Quantity of shock absorber mounting sets)
 None: Without metal stopper
A (Metal stopper) **AM 1** (Quantity of metal stopper)

MDX(L) series Dual Rod Table With Slider Mechanism

Product features

CHELIC



Components and material list

No.	Item	Material	No.	Item	Material
01	Body	Aluminum alloy	11	Side slider rail	Bearing steel
02	Front cover	Aluminum alloy	12	Shaft end block	Iron
03	Rear cover	Aluminum alloy	13	Roller	Bearing steel
04	Piston	Copper alloy	14	Cushion gasket	Rubber
05	Shaft	Carbon steel	15	Front/ Rear cover O-Ring	NBR
06	Magnet	Rubber magnet	16	Shaft packing	NBR
07	Magnet cover	Copper alloy	17	Piston Packing	NBR
08	Slide base	Aluminum alloy	18	Connecting block screw	Alloy steel
09	Front plate	Aluminum alloy	19	Front slider set screw	Alloy steel
10	Rail	Bearing steel	20	C clip	Spring steel

MSR(L)2

FMR(L)

Packing and O-ring material list

Unit: mm

Item	Piston packing	Shaft packing	Front cover O-ring	Rear cover O-ring
Quantity	2	2	2	2
Bore size				
Ø6	MYA-3 (4pcs)	MYA-3	Ø5 × Ø1	Ø5 × Ø1
Ø8	DYP-8 (4pcs)	DYR-5	Ø8 × Ø1	Ø8 × Ø1
Ø12	COP-12	PDU-6	Ø10.5 × Ø1.5	Ø10.5 × Ø1.5
Ø16	COP-16	PDU-8	Ø13.2 × Ø1.5	Ø13.2 × Ø1.5
Ø20	COP-20	PDU-10	Ø19.5 × Ø1.5	Ø19.5 × Ø1.5
Ø25	COP-25	PDU-12	Ø24.5 × Ø2	Ø24.5 × Ø2

Note: The piston packing and shaft packing are from MITSUBISHI, SAKAGAMI or the same good level of quality material.

MQX

MTX

MDQ2

MDQA

Product weight

Unit: mm

Bore size	Weight (kg)									
	Stroke (mm)									
	10	20	30	40	50	75	100	125	150	
Ø6	0.1	0.1	0.1	0.1	0.2	—	—	—	—	
Ø8	0.1	0.1	0.2	0.2	0.3	0.4	—	—	—	
Ø12	0.3	0.3	0.3	0.4	0.5	0.7	0.9	—	—	
Ø16	0.6	0.6	0.6	0.7	0.8	1.1	1.4	1.8	—	
Ø20	1	1	1	1.1	1.3	1.7	2.2	2.7	3.2	
Ø25	1.7	1.7	1.7	1.9	2.1	2.7	3.4	4.2	4.8	

MDX

MDXL

MBX

MGX

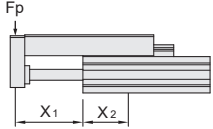
MDX(L) series Dual Rod Table With Slider Mechanism

Installation

CHELIC

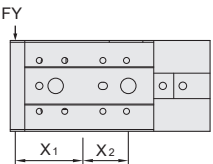
Allowable static load formula

- Pitch moment



$$Fp = \frac{Mp \times 1000}{(X_1 + X_2)}$$

- Yaw moment



$$FY = \frac{My \times 1000}{(X_1 + X_2)}$$

- Rolling moment



$$Fr = \frac{Mr \times 1000}{X}$$

Motionless allowable moment of force

Unit: N · m

Bore size	Stroke (mm)								
	10	20	30	40	50	75	100	125	150
Ø6	0.7	1.0	1.2	1.2	1.2	—	—	—	—
Ø8	2.0	2.0	2.8	3.6	4.2	4.2	—	—	—
Ø12	4.2	4.2	4.2	5.8	7.0	10.0	10	—	—
Ø16	11.3	11.3	11.3	11.3	15.9	25.0	34.1	34.1	—
Ø20	19.4	19.4	19.4	19.4	27.2	35	50.5	50.5	50.5
Ø25	30.6	30.6	30.6	30.6	42.8	55.1	67.3	67.3	67.3

Note :

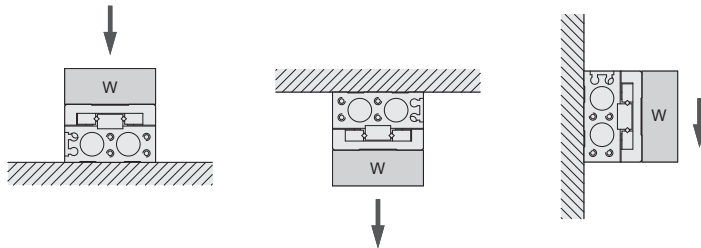
- Please do not exceed load limit. It will effect on the precision of the slide rail if it exceeds the limit.
- Avoid hitting with great force.
- Inertial load must be with in 1/10 or the allowable motionless load.

Description :

- X₁ is the distance from body to point of load.
- X₂ is the center distance from body to slide.
- X is the distance from (Fr) point of load to slide rail holder.

Maximum allowable load weight

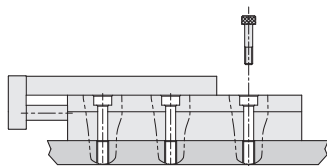
Unit: Kg



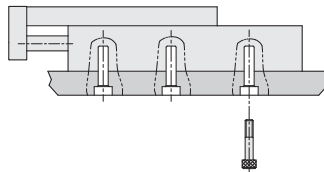
Bore size	Max. allowable load weight
Ø 6	0.6
Ø 8	1
Ø 12	2
Ø 16	4
Ø 20	6
Ø 25	9

Mounting type

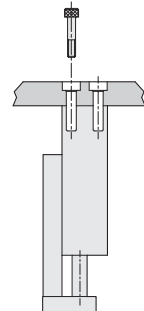
- Top mounting type



- Bass mounting



- End vertical mounting



MDX(L) series Dual Rod Table With Slider Mechanism

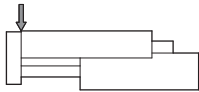
Installation

CHELIC

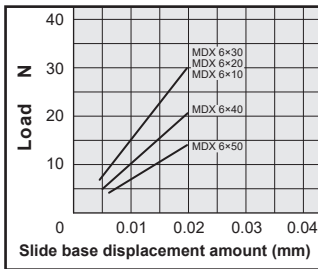
Slide base deflection (Reference)

- Slide base displacement due to pitch moment load

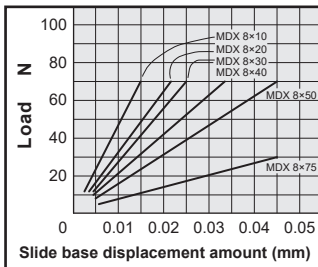
Slide base displacement when loads are applied to the section marked with the arrow at the full stroke.



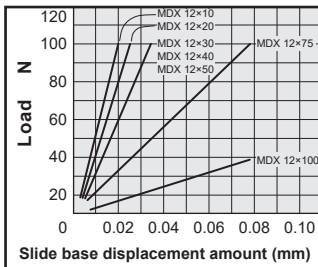
MDX/MDXL Ø6



MDX/MDXL Ø8

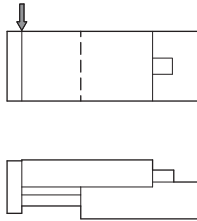


MDX/MDXL Ø12

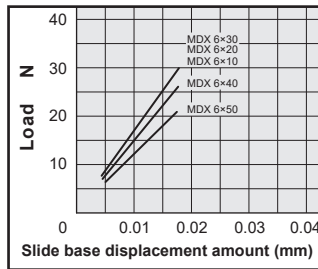


- Slide base displacement due to yaw moment load

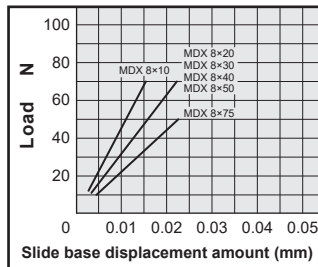
Slide base displacement when loads are applied to the section marked with the arrow at the full stroke.



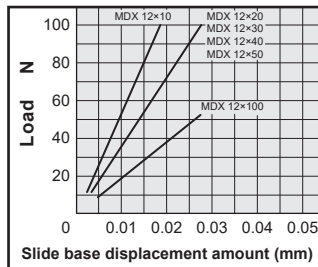
MDX/MDXL Ø6



MDX/MDXL Ø8

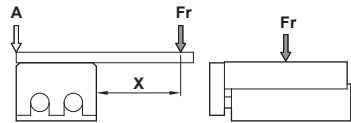


MDX/MDXL Ø12



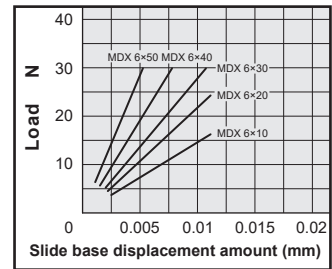
- Slide base displacement due to roll moment load.

Slide base displacement of section A when loads are applied to the section "F" with the slide table retracted.



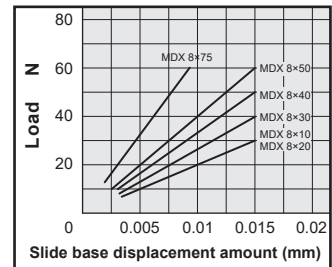
MDX/MDXL Ø6

X = 24 mm



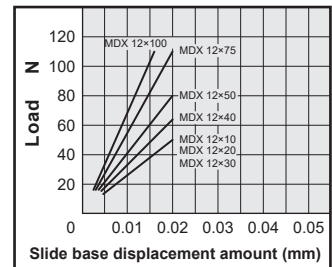
MDX/MDXL Ø8

X = 50 mm



MDX/MDXL Ø12

X = 65 mm



MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

MGX

MDX(L) series Dual Rod Table With Slider Mechanism

Installation

CHELIC

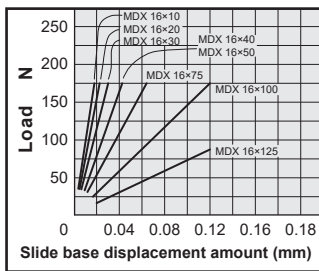
Slide base deflection (Reference)

- Slide base displacement due to pitch moment load

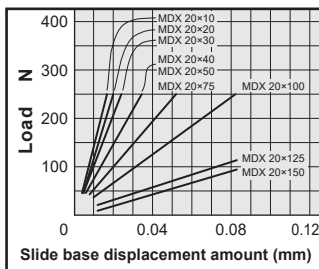
Slide base displacement when loads are applied to the section marked with the arrow at the full stroke.



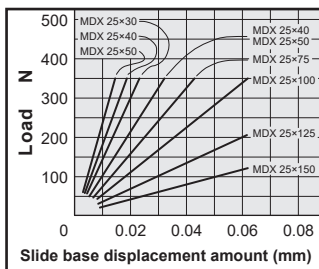
MDX/MDXL Ø16



MDX/MDXL Ø20

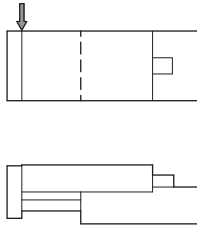


MDX/MDXL Ø25

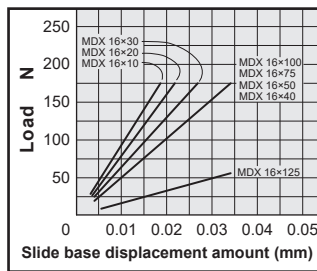


- Slide base displacement due to yaw moment load

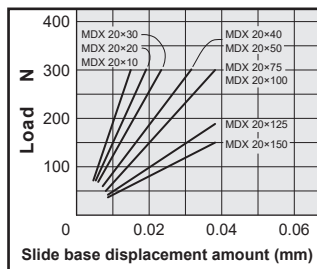
Slide base displacement when loads are applied to the section marked with the arrow at the full stroke.



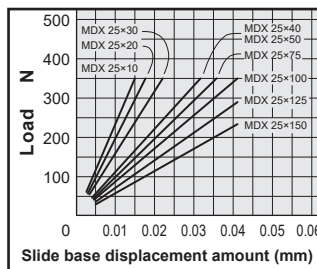
MDX/MDXL Ø16



MDX/MDXL Ø20

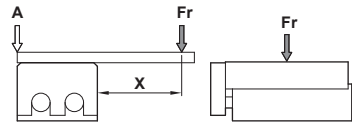


MDX/MDXL Ø25



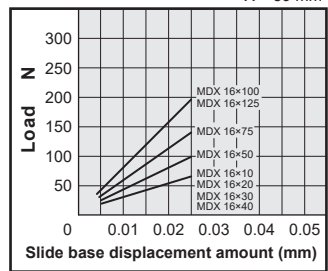
- Slide base displacement due to roll moment load.

Slide base displacement of section A when loads are applied to the section marked with "F" with the slide table retracted.



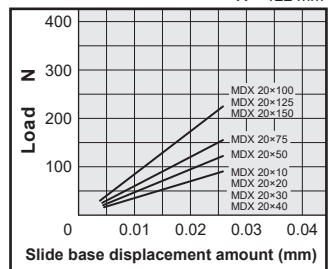
MDX/MDXL Ø16

X = 89 mm



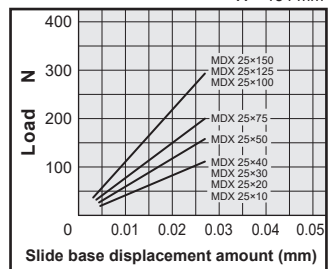
MDX/MDXL Ø20

X = 122 mm



MDX/MDXL Ø25

X = 154 mm



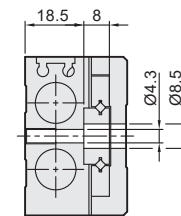
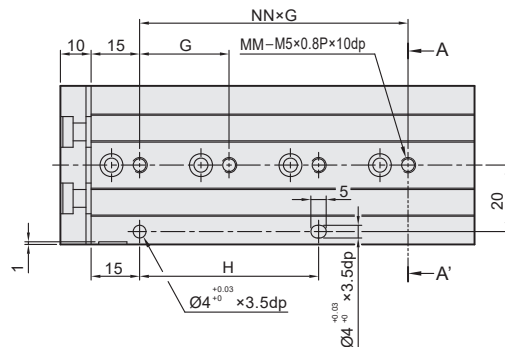
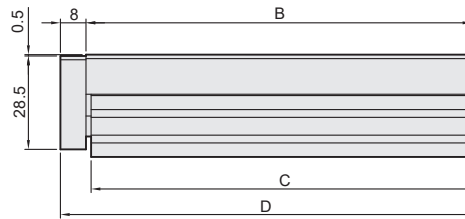
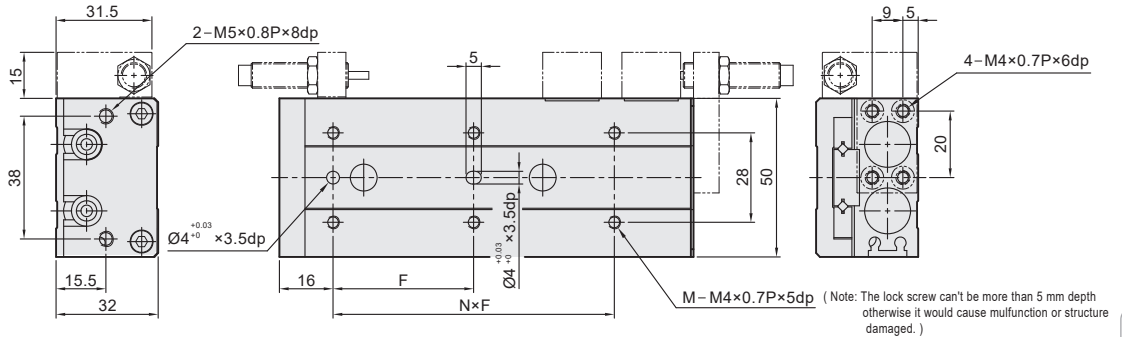
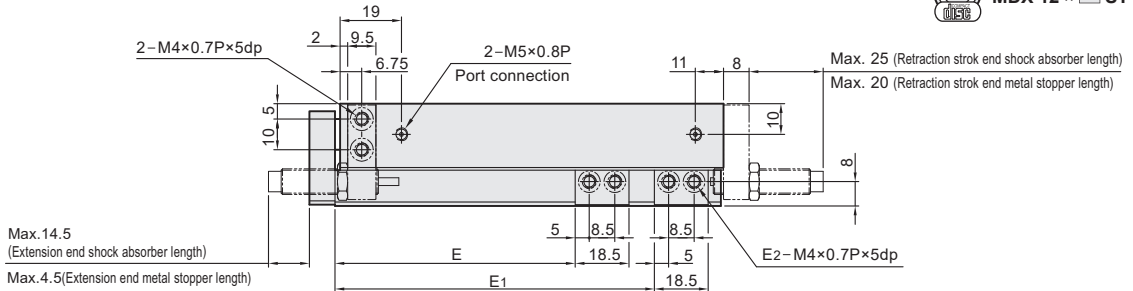
MDX series Dual Rod Table With Slider Mechanism

Dimensions - Ø12

CHELIC

MDX Ø12 ×

MDX 12 × ST



SECTION A-A'

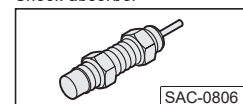
Dimension

Unit: mm

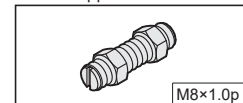
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	G	NN	H	M	MM
10	71	70	80	26.5	-	2	35	1	40	1	40	4	2
20	71	70	80	36.5	-	2	35	1	40	1	40	4	2
30	71	70	80	46.5	-	2	35	1	40	1	40	4	2
40	83	82	92	56.5	-	2	50	1	25	2	25	4	3
50	103	102	112	66.5	-	2	35	2	36	2	36	6	3
75	149	148	158	91.5	125.5	4	55	2	36	3	72	6	4
100	203	202	212	116.5	179.5	4	65	2	38	4	76	6	5

Option

Shock absorber



Metal stopper



MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

MGX

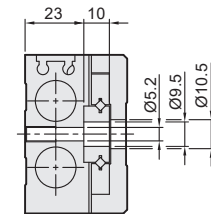
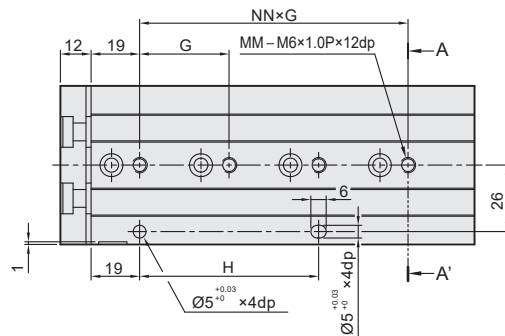
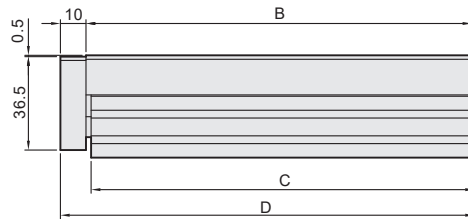
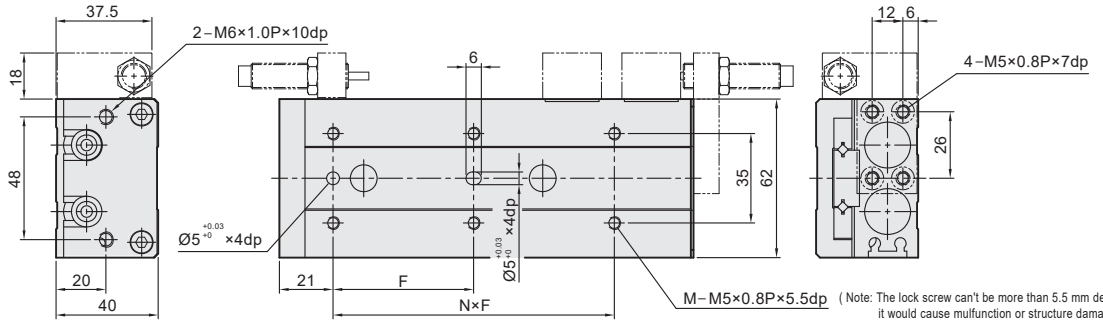
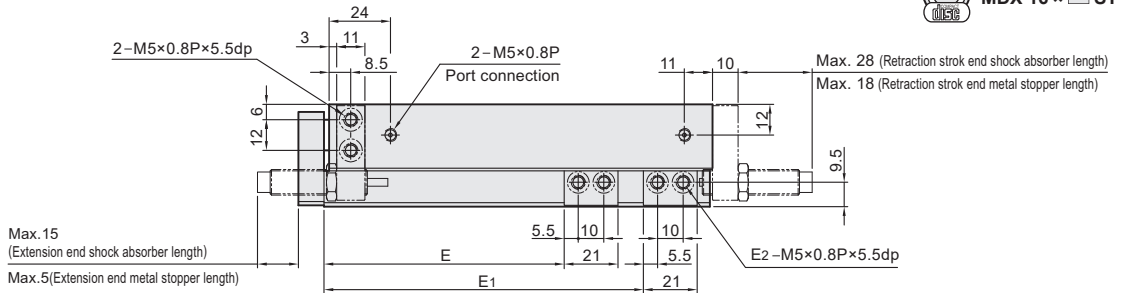
MDX series Dual Rod Table With Slider Mechanism

Dimensions - Ø16

CHELIC

MDX Ø16 ×

 MDX 16 × ST



SECTION A-A'

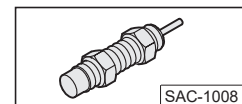
Dimension

Unit: mm

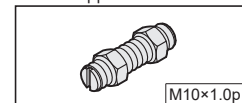
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	G	NN	H	M	MM
10	76	75	87	29	—	2	35	1	40	1	40	4	2
20	76	75	87	39	—	2	35	1	40	1	40	4	2
30	76	75	87	49	—	2	35	1	40	1	40	4	2
40	86	85	97	59	—	2	40	1	50	1	50	4	2
50	101	100	112	69	—	2	30	2	30	2	30	6	3
75	151	150	162	94	125	4	55	2	35	3	70	6	4
100	199	198	210	119	173	4	65	2	35	4	70	6	5
125	249	248	260	144	223	4	70	2	35	6	70	6	7

Option

Shock absorber



Metal stopper



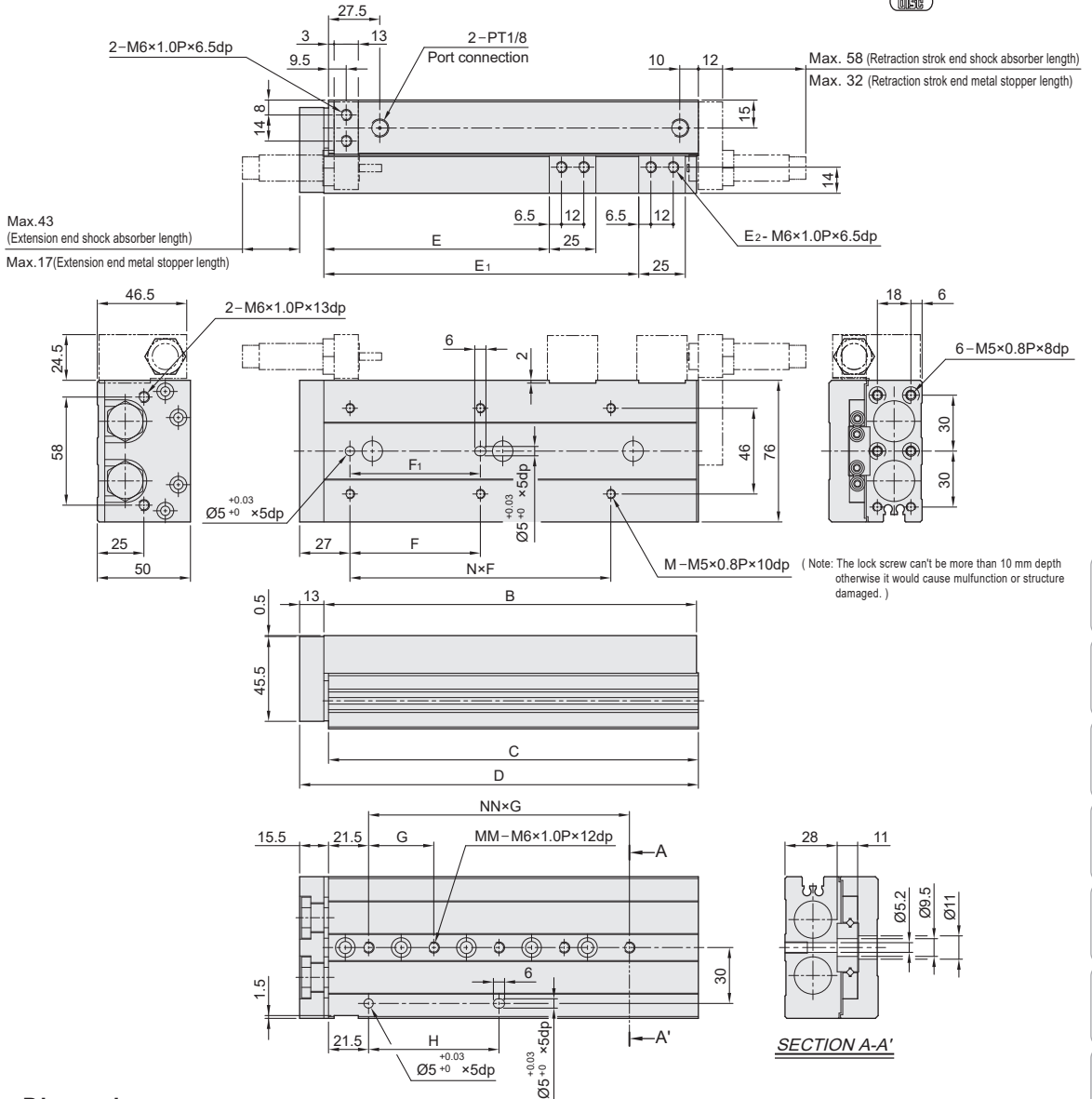
MDX series Dual Rod Table With Slider Mechanism

Dimensions - Ø20

CHELIC

MDX Ø20 ×

 MDX 20 × ST



- MSR(L)2
- FMR(L)
- MQX
- MTX
- MDQ2
- MDQA
- MDX
- MDXL
- MBX
- MGX

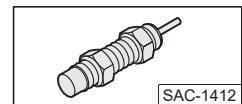
Dimension

Unit: mm

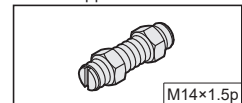
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	F ₁	G	NN	H	M	MM
10	83	81.5	97	31	—	2	50	1	40	45	1	35	4	2
20	83	81.5	97	41	—	2	50	1	40	45	1	35	4	2
30	83	81.5	97	51	—	2	50	1	40	45	1	35	4	2
40	93	91.5	107	61	—	2	60	1	50	55	1	35	4	2
50	108	106.5	122	71	—	2	35	2	35	35	2	35	6	3
75	147	145.5	161	96	—	2	60	2	60	35	3	70	6	4
100	200	198.5	214	121	168	4	70	2	70	35	4	70	6	5
125	254	252.5	268	146	223	4	70	3	70	38	5	75.5	8	6
150	306	304.5	320	171	275	4	80	3	80	44	6	87.5	8	7

Option

Shock absorber



Metal stopper



MDX series Dual Rod Table With Slider Mechanism

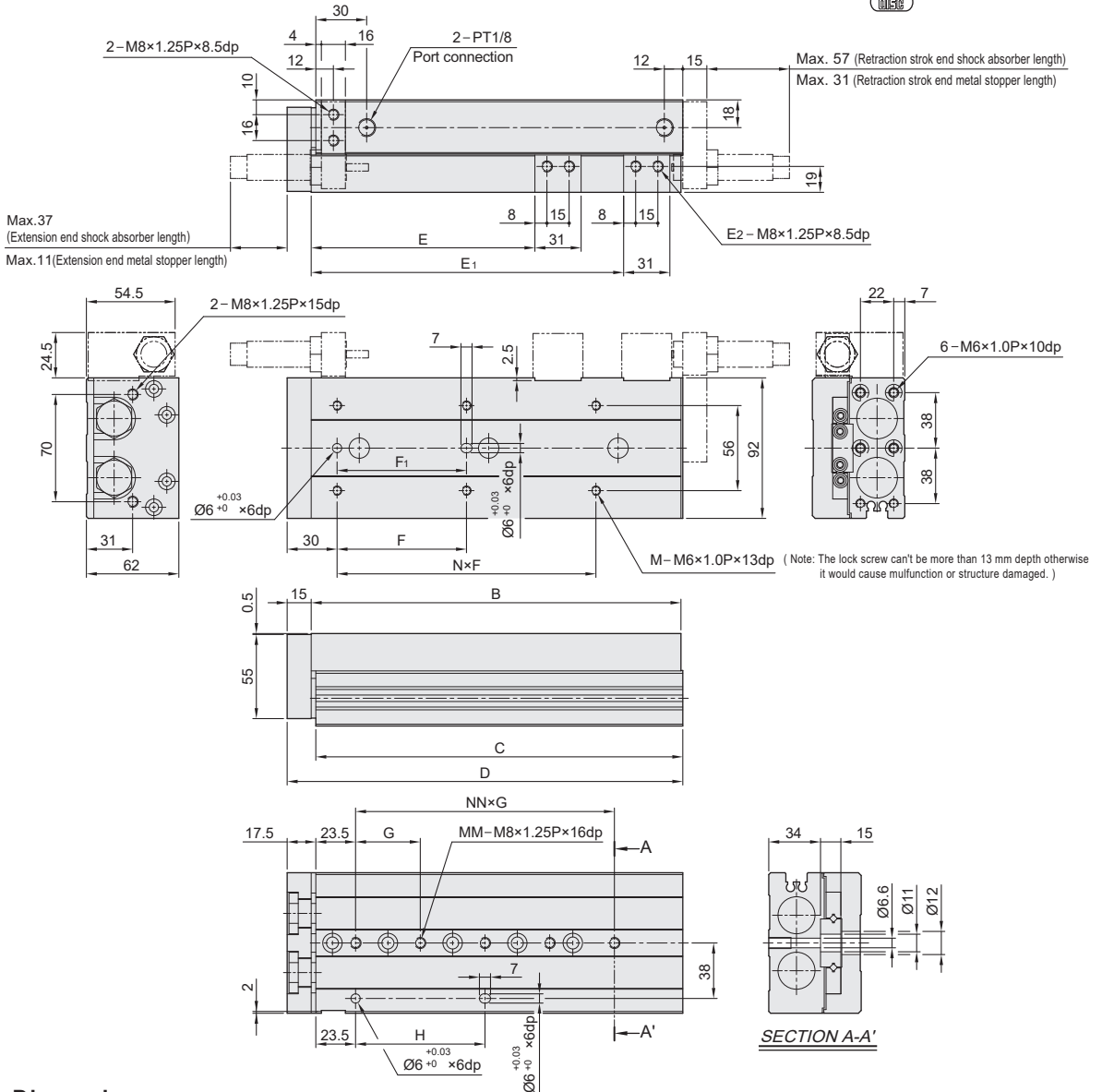
Dimensions - Ø25

CHELIC

MDX Ø25 ×



MDX 25 × ST



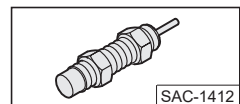
Dimension

Unit: mm

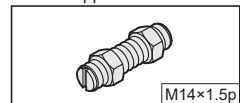
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	F ₁	G	NN	H	M	MM
10	92	90.5	108	35	—	2	50	1	40	45	1	45	4	2
20	92	90.5	108	45	—	2	50	1	40	45	1	45	4	2
30	92	90.5	108	55	—	2	50	1	40	45	1	45	4	2
40	102	100.5	118	65	—	2	60	1	50	55	1	55	4	2
50	115	113.5	131	75	—	2	35	2	35	35	2	35	6	3
75	156	154.5	172	100	—	2	60	2	60	35	3	70	6	4
100	197	195.5	213	125	162	4	70	2	70	35	4	70	6	5
125	255	253.5	271	150	218	4	75	3	75	38	5	76	8	6
150	295	293.5	311	175	258	4	80	3	80	40	6	80	8	7

Option

Shock absorber



Metal stopper



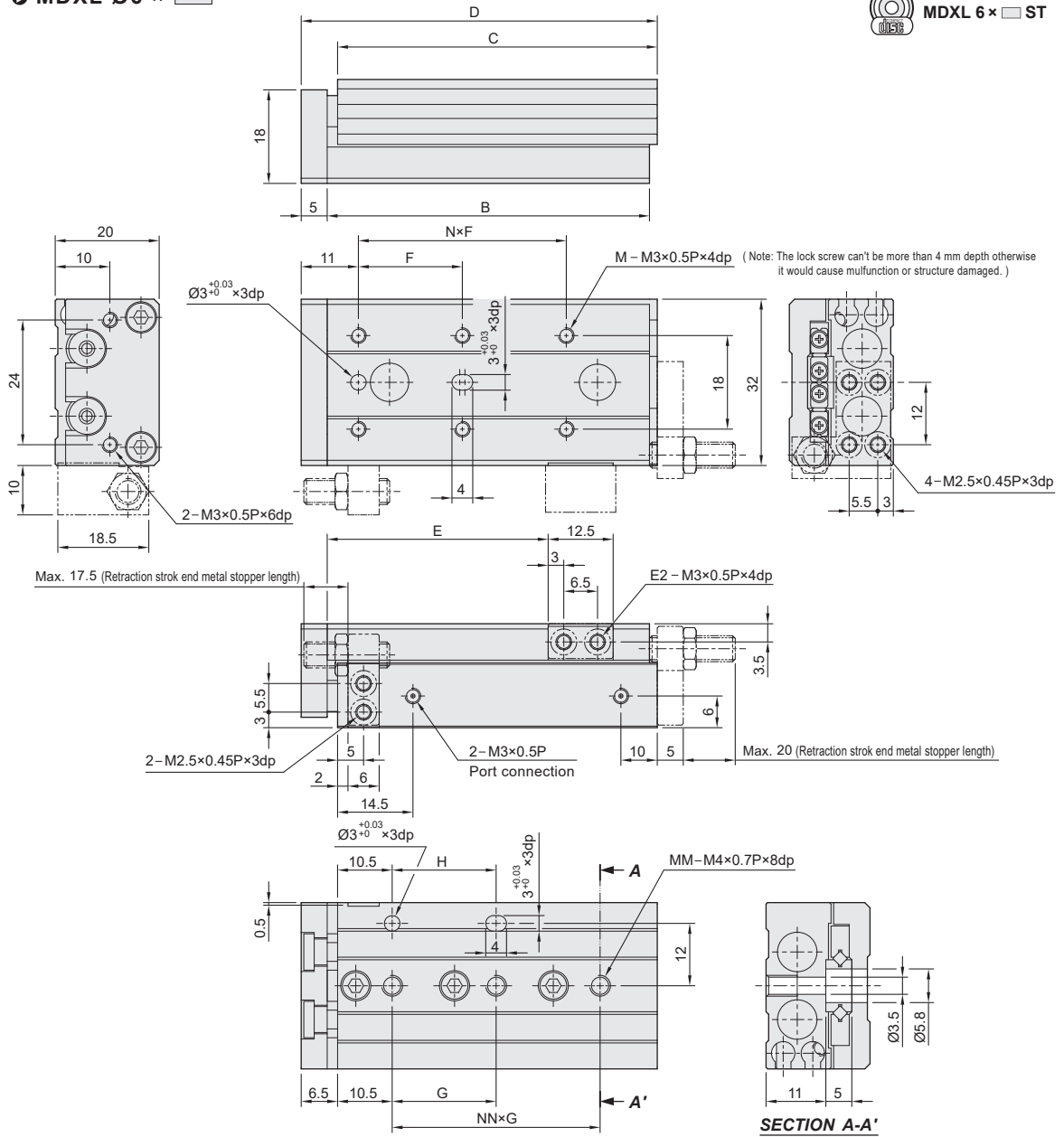
MDXL series Dual Rod Table With Slider Mechanism

Dimensions - Ø6

CHELIC

MDXL Ø6 ×

MDXL 6 × ST



Max. 17.5 (Retraction stroke end metal stopper length)

Max. 20 (Retraction stroke end metal stopper length)

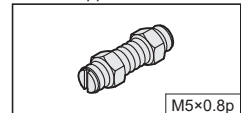
Dimension

Unit: mm

Mark Stroke	B	C	D	E	E ₂	F	N	G	NN	H	M	MM
10	42	41.5	48	22.5	2	20	1	25	1	20	4	2
20	52	51.5	58	32.5	2	30	1	35	1	20	4	2
30	62	61.5	68	42.5	2	20	2	20	2	20	6	3
40	84	83.5	90	52.5	2	28	2	30	2	30	6	3
50	100	99.5	106	62.5	2	38	2	24	3	48	6	4

Option

Metal stopper



MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

MGX

MDXL series Dual Rod Table With Slider Mechanism

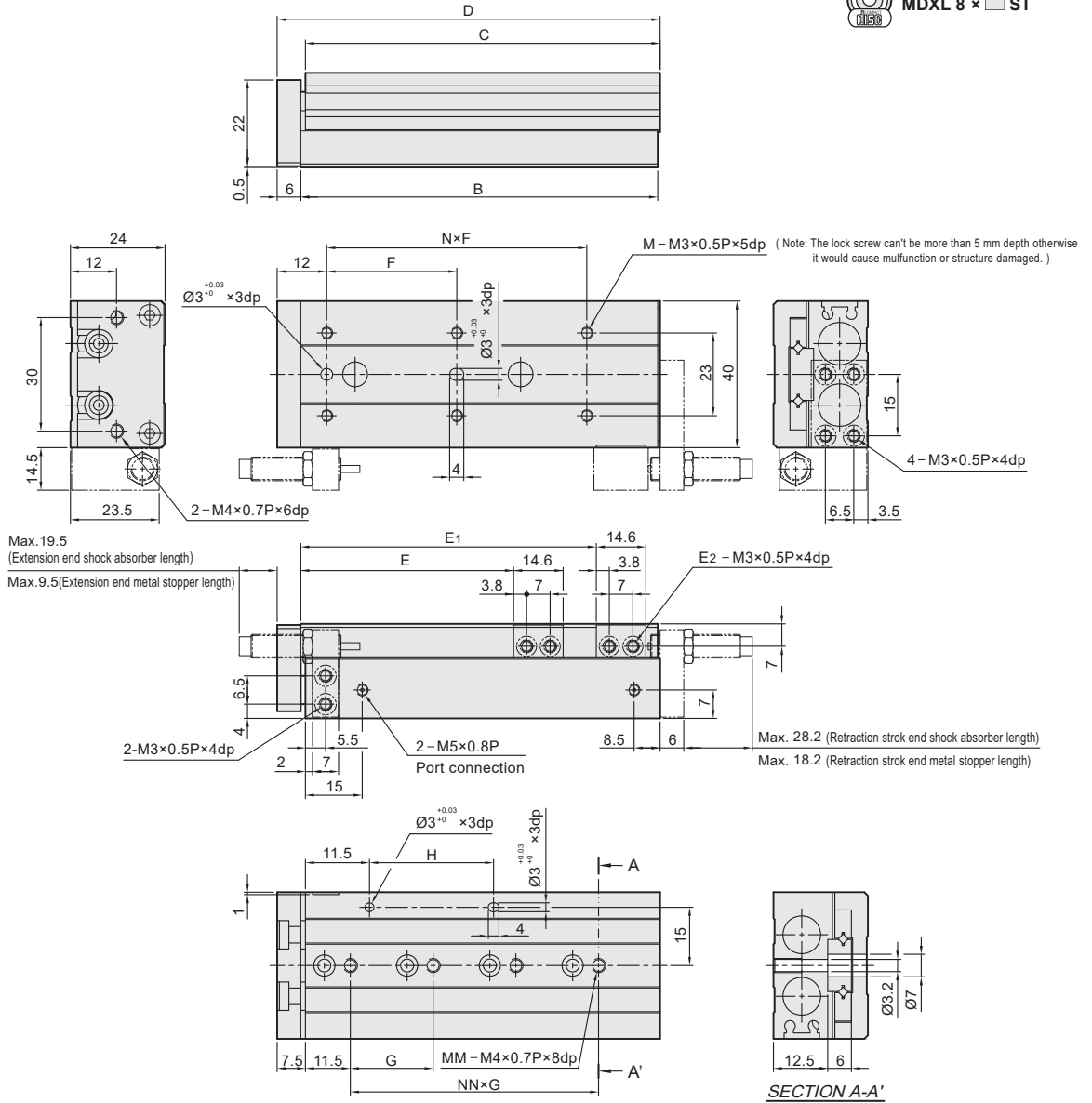
Dimensions - Ø8

CHELIC

MDXL Ø8 ×



MDXL 8 × ST



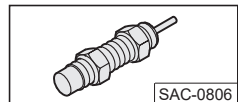
Dimension

Unit: mm

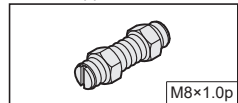
Mark Stroke	B	C	D	E	E1	E2	F	N	G	NN	H	M	MM
10	49	48.5	56	23.5	—	2	25	1	28	1	20	4	2
20	54	53.5	61	33.5	—	2	25	1	30	1	30	4	2
30	65	64.5	72	43.5	—	2	40	1	20	1	20	4	3
40	83	82.5	90	53.5	—	2	50	1	28	2	28	4	3
50	101	100.5	108	63.5	82.5	4	38	2	23	3	46	6	4
75	151	150.5	158	88.5	132.5	4	50	2	28	4	56	6	5

Option

Shock absorber



Metal stopper



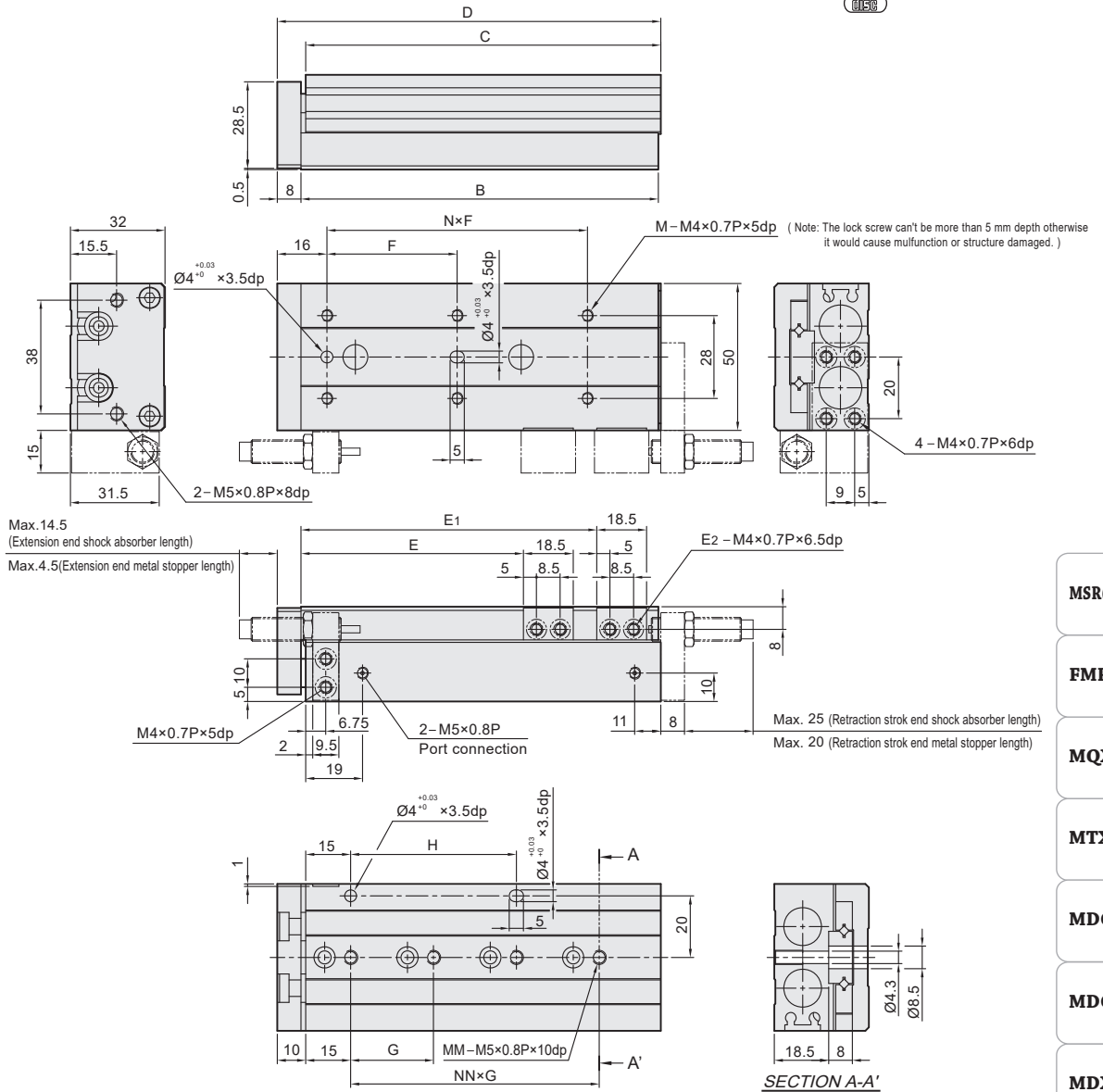
MDXL series Dual Rod Table With Slider Mechanism

Dimensions - Ø12

CHELIC

MDXL Ø12 ×

 MDXL 12 × ST



Max. 14.5
(Extension end shock absorber length)
Max. 4.5 (Extension end metal stopper length)

Max. 25 (Retraction stroke end shock absorber length)
Max. 20 (Retraction stroke end metal stopper length)

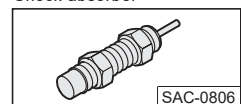
Dimension

Unit: mm

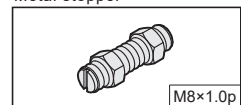
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	G	NN	H	M	MM
10	71	70	80	26.5	—	2	35	1	40	1	40	4	2
20	71	70	80	36.5	—	2	35	1	40	1	40	4	2
30	71	70	80	46.5	—	2	35	1	40	1	40	4	3
40	83	82	92	56.5	—	2	50	1	25	2	25	4	3
50	103	102	112	66.5	—	2	35	2	36	2	36	6	3
75	149	148	158	91.5	125.5	4	55	2	36	3	72	6	4
100	203	202	212	116.5	179.5	4	65	2	38	4	76	6	5

Option

Shock absorber



Metal stopper



MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

MGX

MDXL series Dual Rod Table With Slider Mechanism

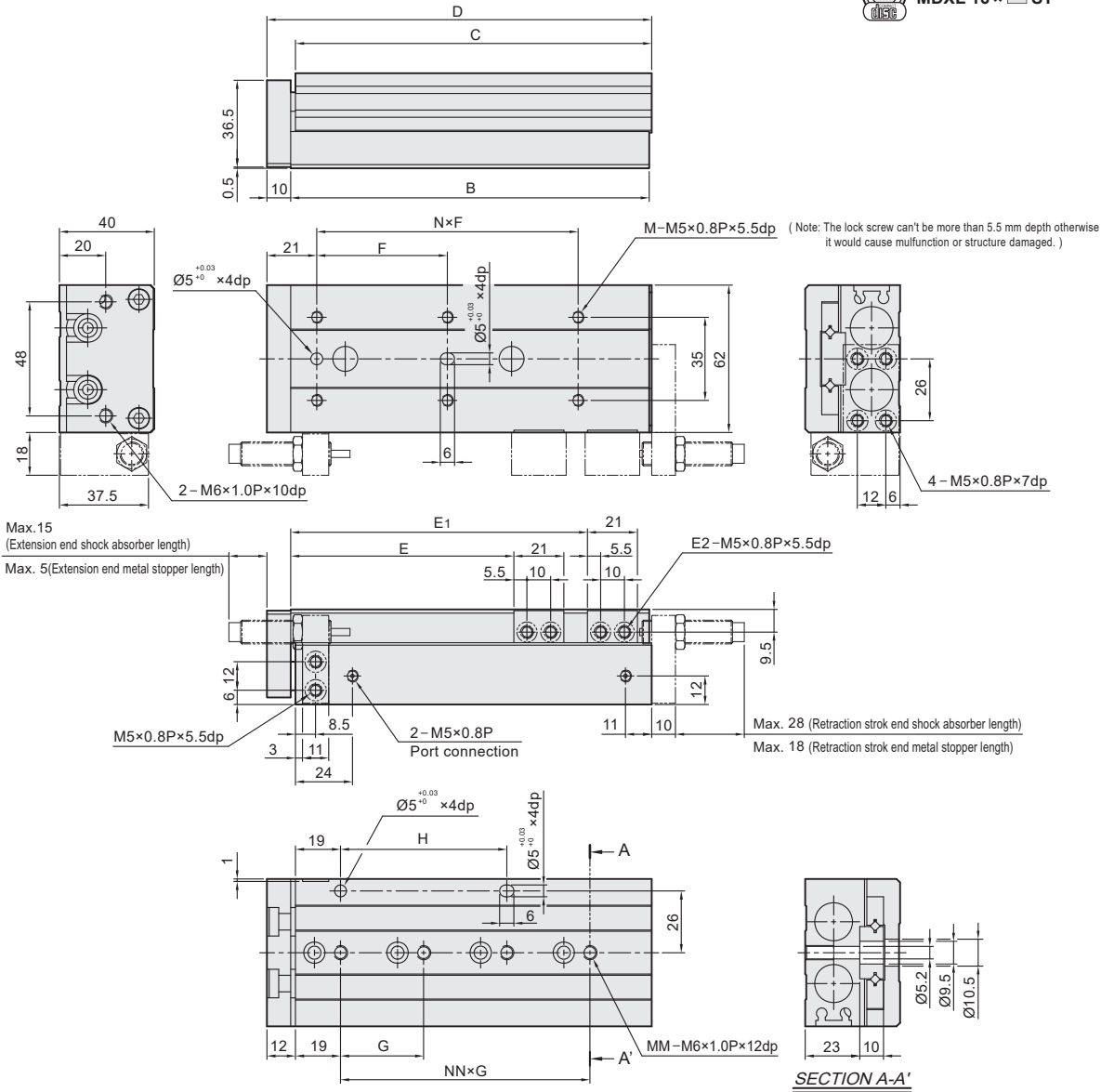
Dimensions - Ø16

CHELIC

MDXL Ø16 ×



MDXL 16 × ST



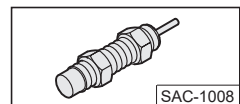
Dimension

Unit: mm

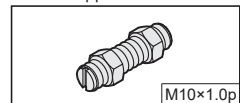
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	G	NN	H	M	MM
10	76	75	87	29	—	2	35	1	40	1	40	4	2
20	76	75	87	39	—	2	35	1	40	1	40	4	2
30	76	75	87	49	—	2	35	1	40	1	40	4	3
40	86	85	97	59	—	2	40	1	50	1	50	4	3
50	101	100	112	69	—	2	30	2	30	2	30	6	3
75	151	150	162	94	125	4	55	2	35	3	70	6	4
100	199	198	210	119	173	4	65	2	35	4	70	6	5
125	249	248	260	144	223	4	70	2	35	6	70	6	7

Option

Shock absorber



Metal stopper



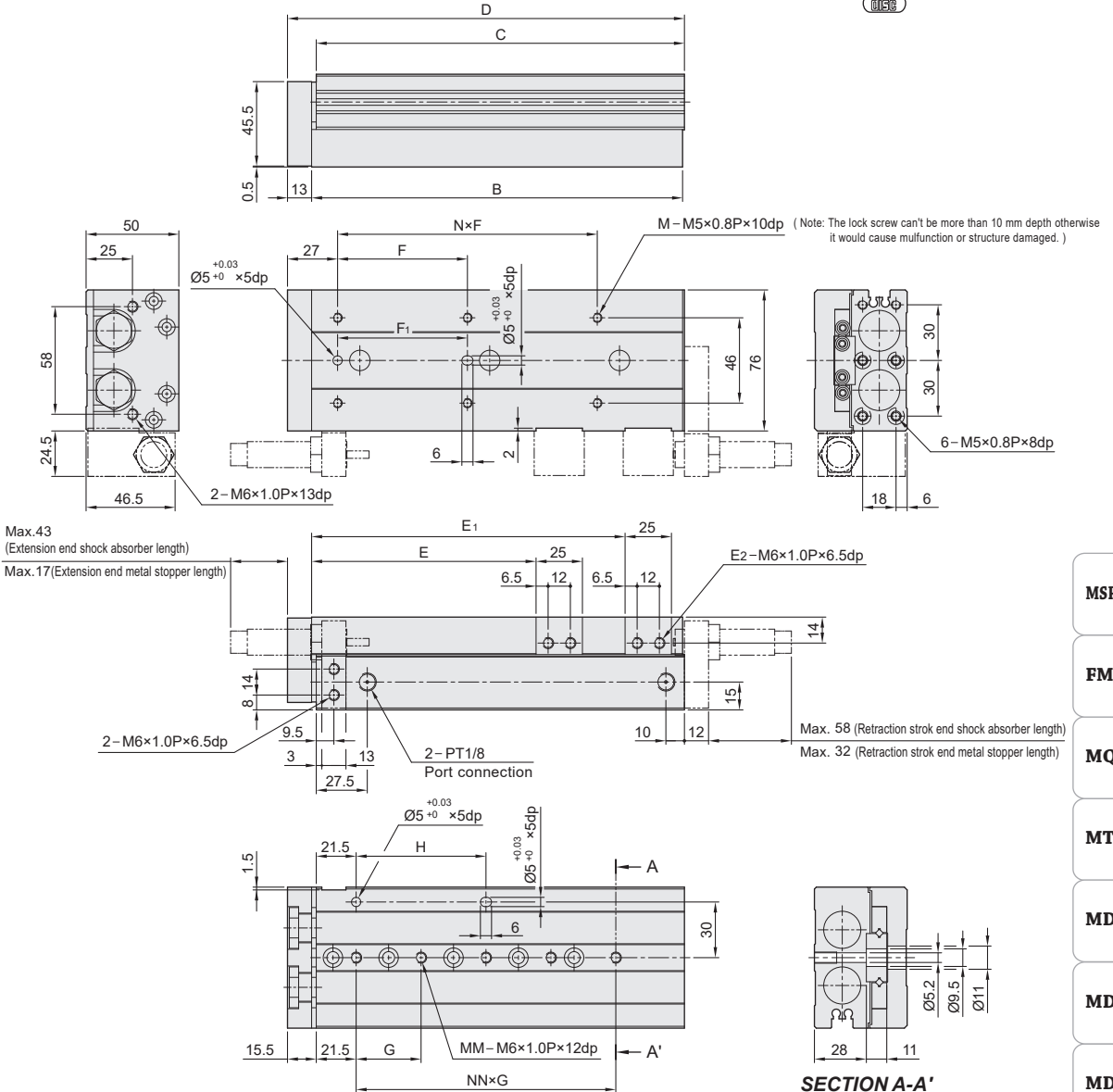
MDXL series Dual Rod Table With Slider Mechanism

Dimensions - Ø20

CHELIC

MDXL Ø20 ×

 MDXL 20 × ST



Dimension

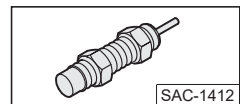
Unit: mm

Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	F ₁	G	NN	H	M	MM
10	83	81.5	97	31	—	2	50	1	40	45	1	35	4	2
20	83	81.5	97	41	—	2	50	1	40	45	1	35	4	2
30	83	81.5	97	51	—	2	50	1	40	45	1	35	4	2
40	93	91.5	107	61	—	2	60	1	50	55	1	35	4	2
50	108	106.5	122	71	—	2	35	2	35	35	2	35	6	3
75	147	145.5	161	96	—	2	60	2	60	35	3	70	6	4
100	200	198.5	214	121	168	4	70	2	70	35	4	70	6	5
125	254	252.5	268	146	223	4	70	3	70	38	5	75.5	8	6
150	306	304.5	320	171	275	4	80	3	80	44	6	87.5	8	7

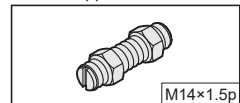
SECTION A-A'

Option

Shock absorber



Metal stopper



MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

MGX

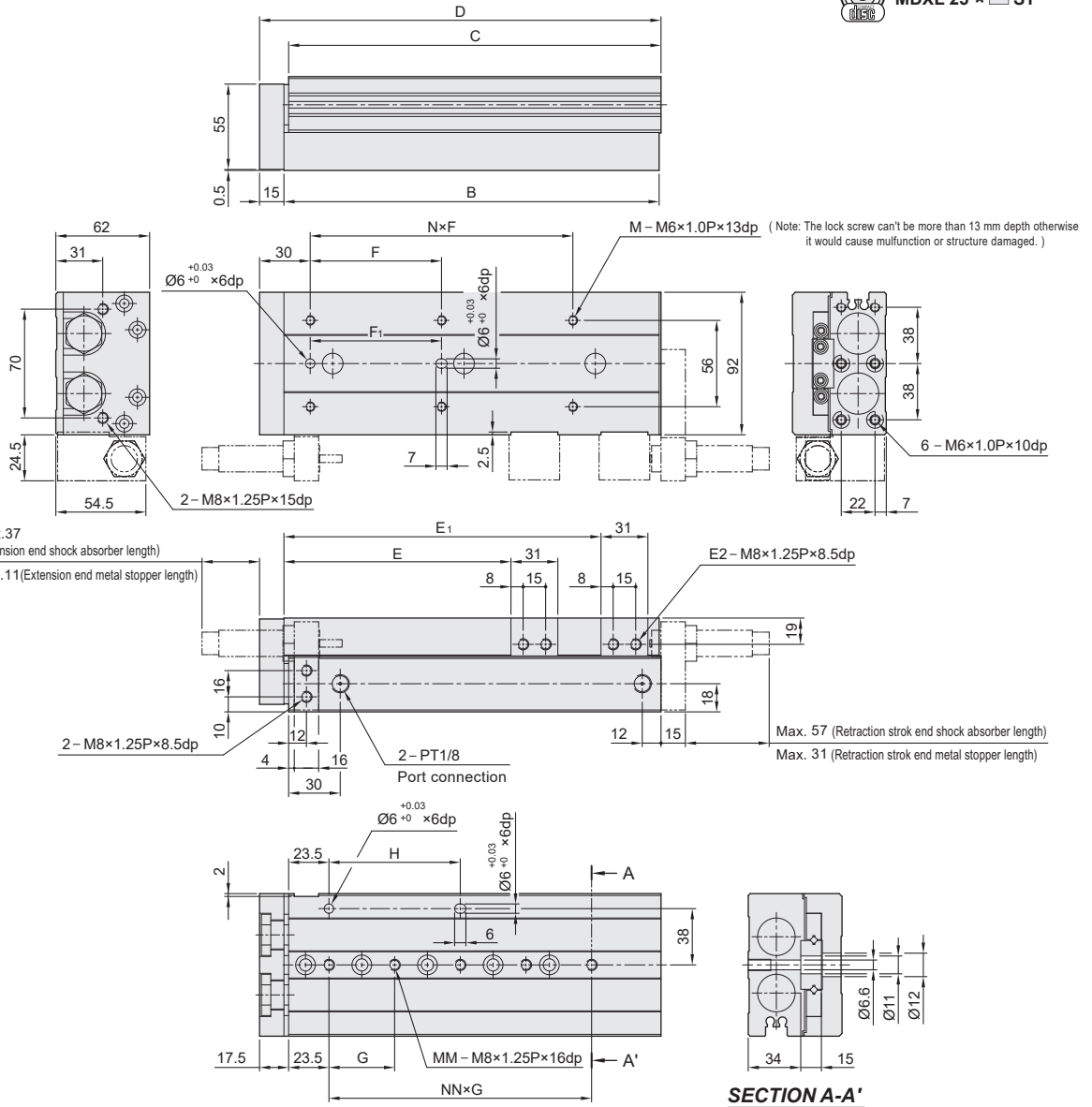
MDXL series Dual Rod Table With Slider Mechanism

Dimensions - Ø25

CHELIC

MDXL Ø25 ×

 MDXL 25 × ST



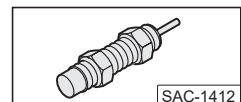
Dimension

Unit: mm

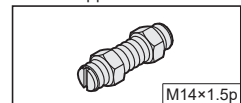
Mark Stroke	B	C	D	E	E ₁	E ₂	F	N	F ₁	G	NN	H	M	MM
10	92	90.5	108	35	—	2	50	1	40	45	1	45	4	2
20	92	90.5	108	45	—	2	50	1	40	45	1	45	4	2
30	92	90.5	108	55	—	2	50	1	40	45	1	45	4	2
40	102	100.5	118	65	—	2	60	1	50	55	1	55	4	2
50	115	113.5	131	75	—	2	35	2	35	35	2	35	6	3
75	156	154.5	172	100	—	2	60	2	60	35	3	70	6	4
100	197	195.5	213	125	162	4	70	2	70	35	4	70	6	5
125	255	253.5	271	150	218	4	75	3	75	38	5	76	8	6
150	295	293.5	311	175	258	4	80	3	80	40	6	80	8	7

Option

Shock absorber



Metal stopper



MDX(L) series Dual Rod Table With Slider Mechanism

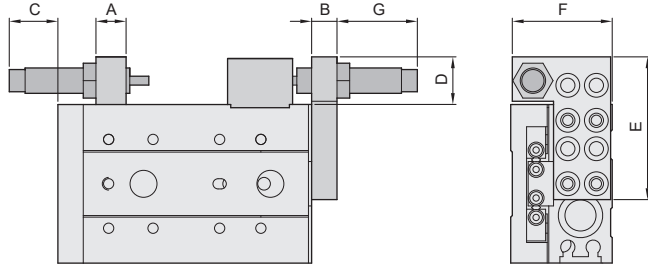
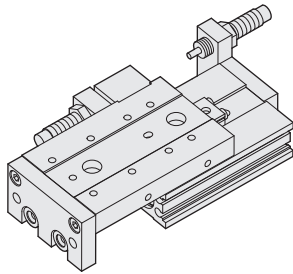
Stroke adjustment and with Shock absorber installation

CHELIC

Stroke adjustment and with Shock absorber

— **A** With shock absorber

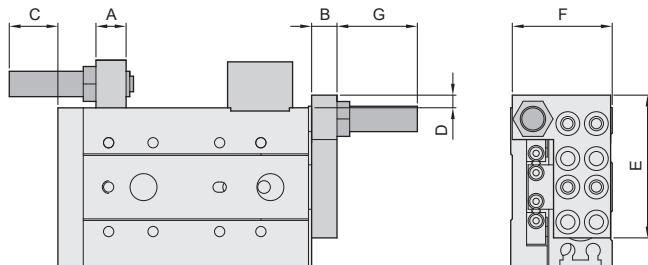
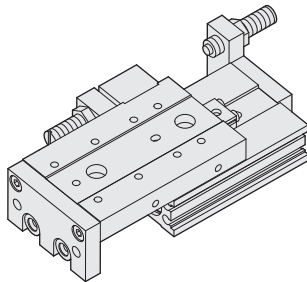
● MDX / MDXL dimensions



Size Model	Mark	A	B	C	D	E	F	G						
								10ST	20ST	30ST	40ST	50ST	75ST	100ST
MDX(L) Ø8		7	8	20.8	14.5	38	23.5	20.1	25.1	24.1	—	—	—	—
MDX(L) Ø12		9.5	8	15.5	15	45	31.5	5	15	25	23	13	26	—
MDX(L) Ø16		11	10	16	18	55	37.5	8	18	28	28	23	29	29
MDX(L) Ø20		13	12	44	24.5	70	47.5	38	48	58	58	53	39	59
MDX(L) Ø25		16	15	38	24.5	80	54.5	36	46	56	56	53	37	58

— **B** With metal stopper

● MDX/ MDXL dimensions



Size Model	Mark	A	B	C	D	E	F	G	Stroke adjustment
MDX(L) Ø8		7	8	20.8	14.5	38	23.5	19	0 ~ 15 mm
MDX(L) Ø12		9.5	8	15.5	15	45	31.5	19	0 ~ 15 mm
MDX(L) Ø16		11	10	16	18	55	37.5	22	0 ~ 20 mm
MDX(L) Ø20		13	12	44	24.5	70	47.5	37	0 ~ 30 mm
MDX(L) Ø25		16	15	38	24.5	80	54.5	34	0 ~ 30 mm

MSR(L)2

FMR(L)

MQX

MTX

MDQ2

MDQA

MDX

MDXL

MBX

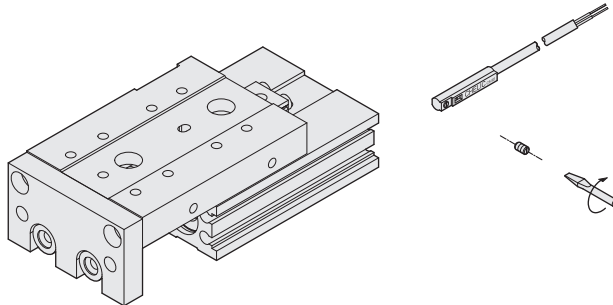
MGX

MDX(L) series Dual Rod Table With Slider Mechanism

Sensor switch operating range and the setting

CHELIC

Sensor switch mounting type



Sensing range

Sensor switch is fixed on the cylinder body. The magnetic piston head will activate the Sensor switch when it enters the operating range. It has 0.5mm differential.

Operating range

When piston head moves the switch setting and adjustment will be based on the responding range generated by the magnetic field and the switch. (Please refer to the below table)

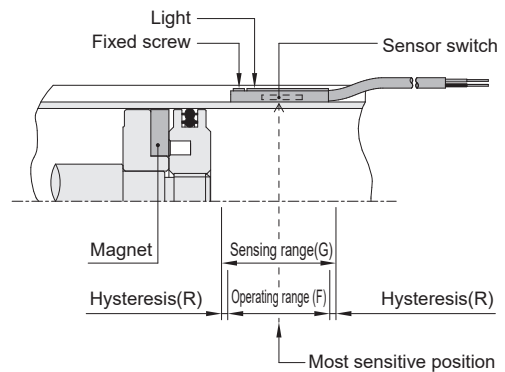
Unit: mm

Model	CS-8G	
Bore size	Operating range (F)	Hysteresis(R)
Ø6	4	1
Ø8	2.5	1
Ø12	4.5	1
Ø16	5.3	1.2
Ø20	5.3	1.2
Ø25	5.7	1.5

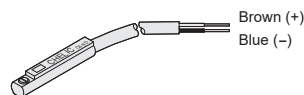
Unit: mm

Model	CS-9D(B)	
Bore size	Operating range (F)	Hysteresis(R)
Ø6	-	-
Ø8	-	-
Ø12	8	1
Ø16	10	1.2
Ø20	11	1.2
Ø25	9	1.5

Sensor switch setting and operating range

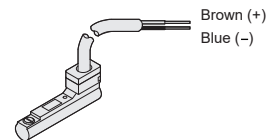


Sensor switch introduction



CS-9D

Voltage: DC 5~120V
AC 5~120V



CS-9B

Voltage: DC 5~120V
AC 5~120V