



1. Optional with adjustable stroke device (0-5mm).
2. Double cylinder design, 2 times output force, thin volume.
3. Cylinder is combined with the worktable, reduce the overall size.
4. Cross roller guide design, small friction, no gap between cylinder and table, suitable for precise assembly.
5. It can be installed from three sides.
6. Built in magnetic ring type, magnetic switch can be installed.

Specifications

Model	NMKS6	NMKS8	NMKS12	NMKS16	NMKS20	NMKS25
Bore size	Φ6x2 (Equate to Φ8)	Φ8x2 (Equate to Φ11)	Φ12x2 (Equate to Φ17)	Φ16x2 (Equate to Φ22)	Φ20x2 (Equate to Φ28)	Φ25x2 (Equate to Φ35)
Use fluid	Air (to be filtered by 40μm filter element)					
Action mode	Double action					
Minimum operating pressure	0.15MPa					
Maximum operating pressure	0.7MPa					
Ambient and fluid temperature	-10 to 60°C (No freezing)					
Piston speed (mm/s)	50~500					
Lubrication	Rubber cushion (standard)					
Cushion	Non-lube					
Pipe size	M3x0.5	M5x0.8	M3x0.5			

Note: If lubrication is required, please use turbine No.1 oil ISO VG32.

Selection table

NMKS Series	Bore size (mm)	Standard stroke (mm)								Function options				Magnetic switch model
		10	20	30	40	50	75	100	125	Stroke adjuster device (0~5mm)	Spring buffer	With end lock	Axial piping type	
	Φ6x2	●	●	●	●	●	●			●	●	●	●	
	Φ8x2	●	●	●	●	●	●	●		●	●	●	●	
	Φ12x2	●	●	●	●	●	●	●	●	●	●	●	●	
	Φ16x2	●	●	●	●	●	●	●	●	●	●	●	●	
	Φ20x2	●	●	●	●	●	●	●	●	●	●	●	●	
	Φ25x2	●	●	●	●	●	●	●	●	●	●	●	●	

Note: The specifications and characteristics of magnetic switches can be referred to the series of magnetic switches.

Wire length representation mark: no mark -0.5m, L-3m, Z-5m, Example: M9N, M9NL

Ordering code

NMKS 12 – 50

Bore size Stroke



Adjusting device

Blank	Without adjuster
AS	Adjuster on extension end
AT	Adjuster on retraction end
A	Adjuster on both ends
*BS	Absorber on extension end
*BT	Absorber on retraction end
*B	Absorber on both ends

* NMKS6 without hydraulic buffer



Functional option

Blank	Standard
F	With buffer
*R	With end lock
P	Axial piping type
*FR	With buffer and end lock
FP	With buffer, Axial piping type

* NMKS6 without end lock



Magnetic switch

Blank	without magnetic switch
S	1 pc.
n	n pcs.

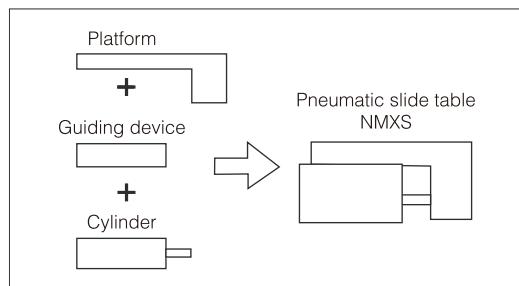
* Refer to the above table for the model of magnetic switch



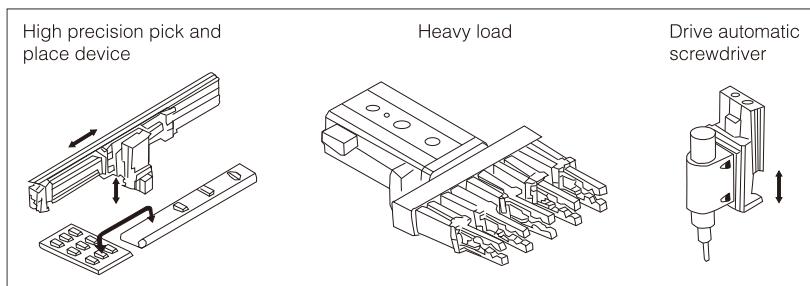
Number of magnetic switches

Blank	2 pcs.
S	1 pc.
n	n pcs.

Cylinder and table combination



High precision, robust applications



Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

SC
SC(Big)SCT
SCFSU
SUFSI
SIF

DNC

QGB

QGBZ

NCQ2

NCQ2(Big)

NCQ2(Long)

NCQS

NCQM

NRQ

SDA

ADVU

ACE(AND)

MAL

MA

MI

NCM2

NCJ2

NCG1

NCJP

TD

TN(TDA)

NCXS

NCXSW

NMGP

NMGG

NCU

NCUJ

NCY3B

NCY3R

NCY1S

NCY1L

STM

NMXH

NMKS

NMXQ

NMHZ2

NMHC2

NMHL2

NMHY2

NMHT2

NMHW2

NMHF2

NMHS2

NMHS3

NMHS4

NMRHQ

NMSQ

NCRA1

NCRQ2

NCRB2

ACK

SRC

QCK

NCK1

Selection method of pneumatic slide table

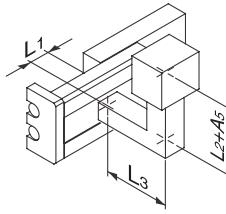
Model Selection Steps	Formula/Data	Selection Examples
1 Operating Conditions	<ul style="list-style-type: none"> Model to be used Type of cushion Workpiece mounting position Mounting orientation Average operating speed V_a (mm/s) Load mass W (kg): Fig. (1) Overhang L_n (mm): Fig. (2) 	 <p>Cylinder: NMKS16-50 Cushion: Rubber bumper Workpiece table mounting Mounting: Horizontal wall mounting Average operating speed: $V_a=300[\text{mm}/\text{s}]$ Load mass: $W=1[\text{kg}]$ $L_1=10\text{mm}$ $L_2=30\text{mm}$ $L_3=30\text{mm}$</p>
2 Kinetic Energy	<p>Find the kinetic energy E (J) of the load.</p> $E = \frac{1}{2} \cdot W \left(\frac{V}{1000}\right)^2$ <p>Find the allowable kinetic energy E_a (J).</p> <p>Confirm that the kinetic energy of the load does not exceed the allowable kinetic energy.</p>	$E = \frac{1}{2} \cdot 1 \left(\frac{420}{1000}\right)^2 = 0.088$ <p>Collision speed $V=1.4 \cdot V_a$</p> <p>※ Correction factor (Reference values)</p> $E_a = K \cdot E_{max}$ <p>Workpiece mounting coefficient K: Fig. (3)</p> <p>Max. allowable kinetic energy E_{max}: Table (1)</p> <p>$E \leq E_a$</p>
3 Load Factor		Can be used based on $E=0.088 \leq E_a=0.11$
3-1 Load Factor of Load Mass	<p>Find the allowable load mass W_a (kg).</p> $W_a = K \cdot \beta \cdot W_{max}$ <p>Workpiece mounting coefficient K: Fig. (3)</p> <p>Allowable load mass coefficient β: Graph (1)</p> <p>Max. allowable load mass W_{max}: Table (2)</p> $\alpha_1 = W/W_a$	$W_a=1 \times 1 \times 4=4$ <p>$K=1$ $\beta=1$ $W_{max}=4$ $\alpha_1=1/4=0.25$</p>
3-2 Load Factor of Static Moment	<p>Find the static moment M (N·m).</p> $M=Wx9.8(L_n+A_n)/1000$ <p>Correction value of moment center position distance A_n: Table (3)</p> <p>Find the allowable static moment M_a (N·m).</p> $M_a=K \cdot Y \cdot M_{max}$ <p>Workpiece mounting coefficient K: Fig. (3)</p> <p>Allowable moment coefficient Y: Graph (2)</p> <p>Maximum allowable moment M_{max}: Table (4)</p> $\alpha_2=M/M_a$	<p>Yawing</p> <p>Examine M_y.</p> $M_y=1 \times 9.8(10+30)/1000=0.39$ <p>$A_3=30$</p> <p>Rolling</p> <p>Examine M_r.</p> $M_r=1 \times 9.8(30+10)/1000=0.39$ <p>$A_6=10$</p>
3-3 Load Factor of Dynamic Moment	<p>Find the dynamic moment M_d (N·m).</p> $M_d=1/3 \cdot W \cdot 9.8 \frac{(L_n+A_n)}{1000}$ <p>Collision equivalent to impact $W_e = \delta \cdot W \cdot V$</p> <p>$\delta$: Bumper coefficient</p> <p>With urethane bumper (Standard) = 4/100</p> <p>With shock absorber = 1/100</p> <p>Correction value of moment center position distance A_n: Table (3)</p> <p>Find the allowable dynamic moment M_{da} (N·m).</p> $M_{da} = K \cdot Y \cdot M_{max}$ <p>Workpiece mounting coefficient K: Fig. (3)</p> <p>Allowable moment coefficient Y: Graph (2)</p> <p>Max. allowable moment M_{max}: Table (4)</p> $\alpha_3=M_d/M_{da}$	<p>Pitching</p> <p>Examine M_{dp}.</p> $M_{dp}=1/3 \times 16.8 \times 9.8 \times \frac{(30+10)}{1000}=2.2$ <p>$W_e=4/100 \times 1 \times 420=16.8$</p> <p>$A_2=10$</p> <p>Yawing</p> <p>Examine M_{dy}.</p> $M_{dy}=1/3 \times 6.8 \times 9.8 \times \frac{(30+31)}{1000}=3.3$ <p>$W_e=16.8$</p> <p>$A_4=31$</p>
3-4 Sum of Load Factors	<p>Possible to use if the sum of the load factors does not exceed 1.</p> $\sum \alpha_n = \alpha_1 + \alpha_2 + \alpha_3 + \alpha_4 \leq 1$	$M_{ap}=1 \times 0.7 \times 15.9=11.1$ <p>$K=1$ $Y=0.7$ $M_{pmax}=15.9$ $\alpha_3=2.2/11.1=0.20$</p> <p>$\alpha_4=3.3/11.1=0.30$</p> <p>$\sum \alpha_n = 0.25 + 0.025 + 0.025 + 0.20 + 0.30 = 0.80 \leq 1$ And it is possible to use.</p>

Fig. (1) Load Mass: W (kg)

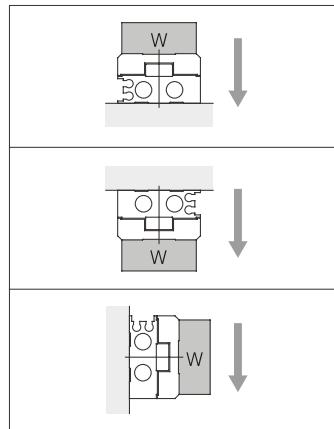


Fig. (3) Workpiece Mounting Coefficient: K

Table mounting		K=1
End plate mounting		K=0.6

Table (2) Maximum Allowable Load Mass: Wmax (kg)

Model	Maximum allowable load mass
NMXS6	0.6
NMXS8	1
NMXS12	2
NMXS16	4
NMXS20	6
NMXS25	9

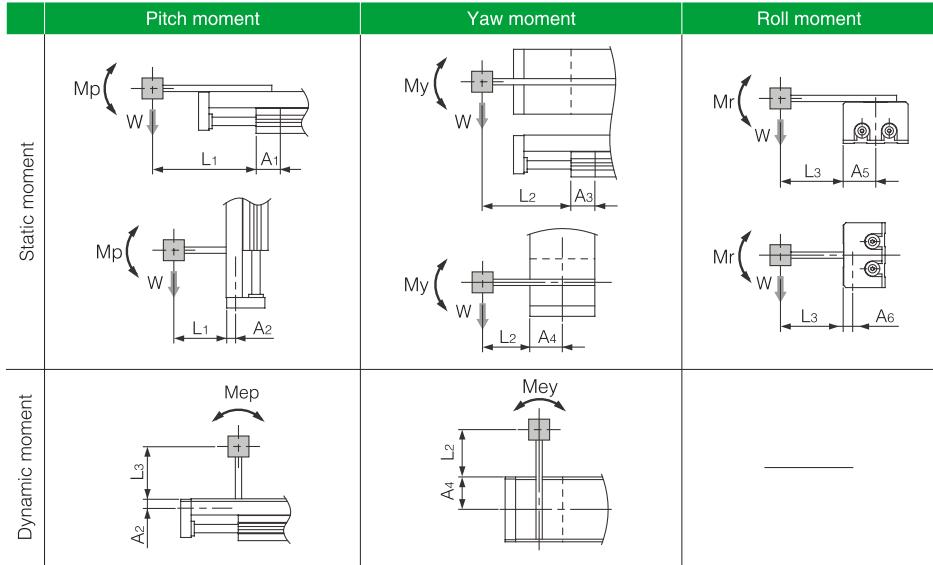
Table (4) Maximum Allowable Moment: Mmax (N·m)

Model	Stroke (mm)								
	10	20	30	40	50	75	100	125	150
NMXS6	0.7	1.0	1.2	1.2	1.2	-	-	-	-
NMXS8	2.0	2.0	2.8	3.6	4.2	4.2	-	-	-
NMXS12	4.2	4.2	4.2	5.8	7.0	10.0	10.0	-	-
NMXS16	11.3	11.3	11.3	11.3	15.9	25.0	34.1	34.1	-
NMXS20	19.4	19.4	19.4	19.4	27.2	35.0	50.5	50.5	50.5
NMXS25	30.6	30.6	30.6	30.6	42.8	55.1	67.3	67.3	67.3

Symbol

Symbol	Definition	Unit
An (n=1 to 6)	Correction value of moment center position distance	mm
E	Kinetic energy	J
Ea	Allowable kinetic energy	J
Emax	Max. allowable kinetic energy	J
Ln (n=1 to 3)	Overhang	mm
M (Mp, My, Mr)	Static moment (Pitch, Yaw, Roll)	N·m
Ma (Map, May, Mar)	Allowable static moment (Pitch, Yaw, Roll)	N·m
Me (Mep, Mey)	Dynamic moment (Pitch, Yaw)	N·m
Mea (Meap, Meay)	Allowable dynamic moment (Pitch, Yaw)	N·m
Mmax (Mpmax, Mymax, Mrmax)	Max. allowable moment (Pitch, Yaw, Roll)	N·m
V	Collision speed	mm/s

Fig. (2) Overhang: Ln (mm), Correction Value of Moment Center Position Distance: An (mm)



Note: Static moment: Moment generated by gravity

Dynamic moment: Moment generated by impact when colliding with stopper

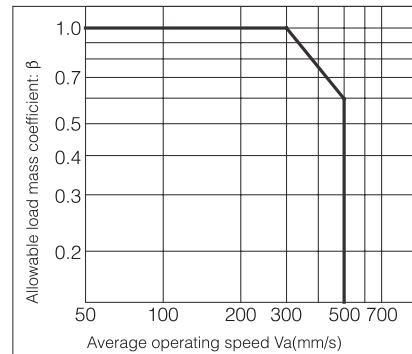
Table (1) Maximum Allowable Kinetic Energy: Emax (J)

Model	Allowable kinetic energy	
	Rubber bumper	Shock absorber
NMXS6	0.018	-
NMXS8	0.027	0.054
NMXS12	0.055	0.11
NMXS16	0.11	0.22
NMXS20	0.16	0.32
NMXS25	0.24	0.48

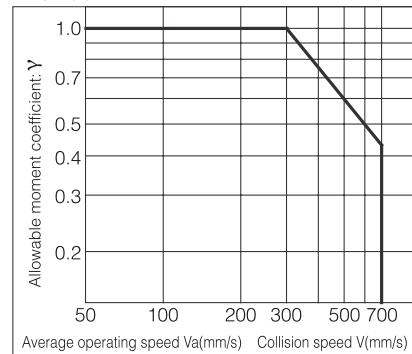
Table (3) Correction Value of Moment Center Position Distance: An (mm)

Model	Correction value of moment center position distance (Refer to Figure 2)					
	A1	A2	A3	A4	A5	A6
NMXS6	11	6	13	16	16	6
NMXS8	11	7.5	13	20	20	7.5
NMXS12	24	8.5	26	25	25	8.5
NMXS16	27	10	30	31	31	10
NMXS20	34	14.5	36	38	38	14.5
NMXS25	42	19	44	46	46	19

Graph (1) Allowable Load Mass Coefficient: β



Graph (2) Allowable Moment Coefficient: γ



Note: Use the average operating speed when calculating static moment.
Use the collision speed when calculating dynamic moment.

Symbol	Definition	Unit
Va	Average operating speed	mm/s
W	Load mass	kg
Wa	Allowable load mass	kg
We	Mass equivalent to impact	kg
Wmax	Max. allowable load mass	kg
α	Load factor	-
β	Allowable load mass coefficient	-
γ	Allowable moment coefficient	-
δ	Damper coefficient	-
K	Workpiece mounting coefficient	-

Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)

NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS

NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L

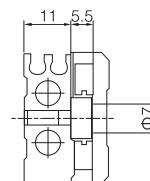
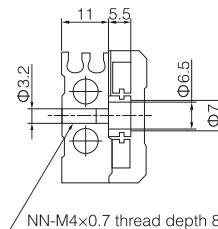
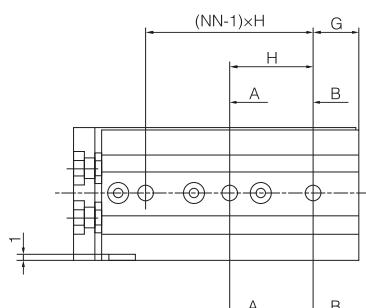
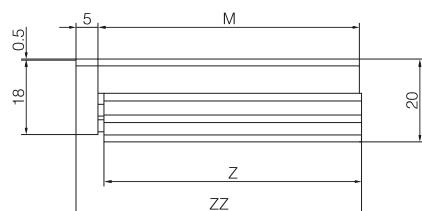
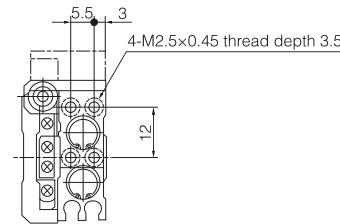
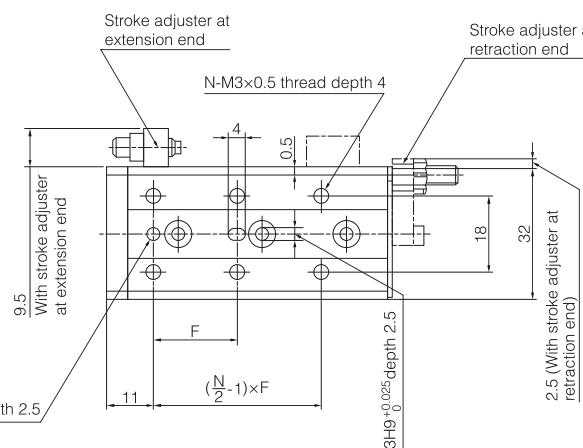
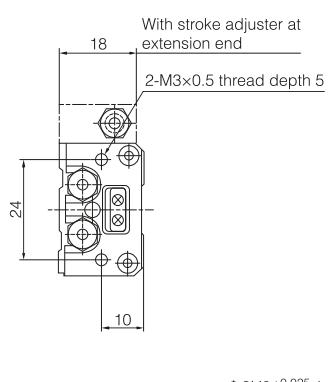
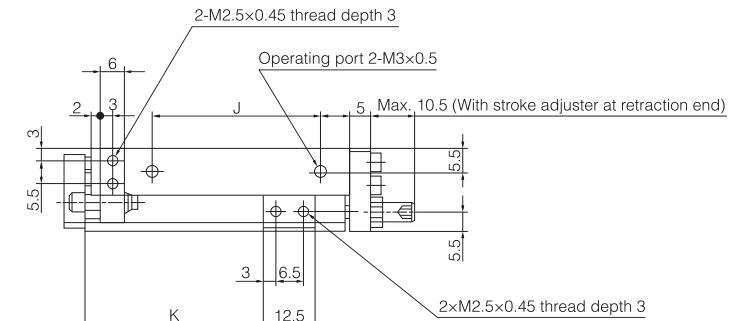
STM
NMXH

NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ

NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Dimensions

NMXS 6

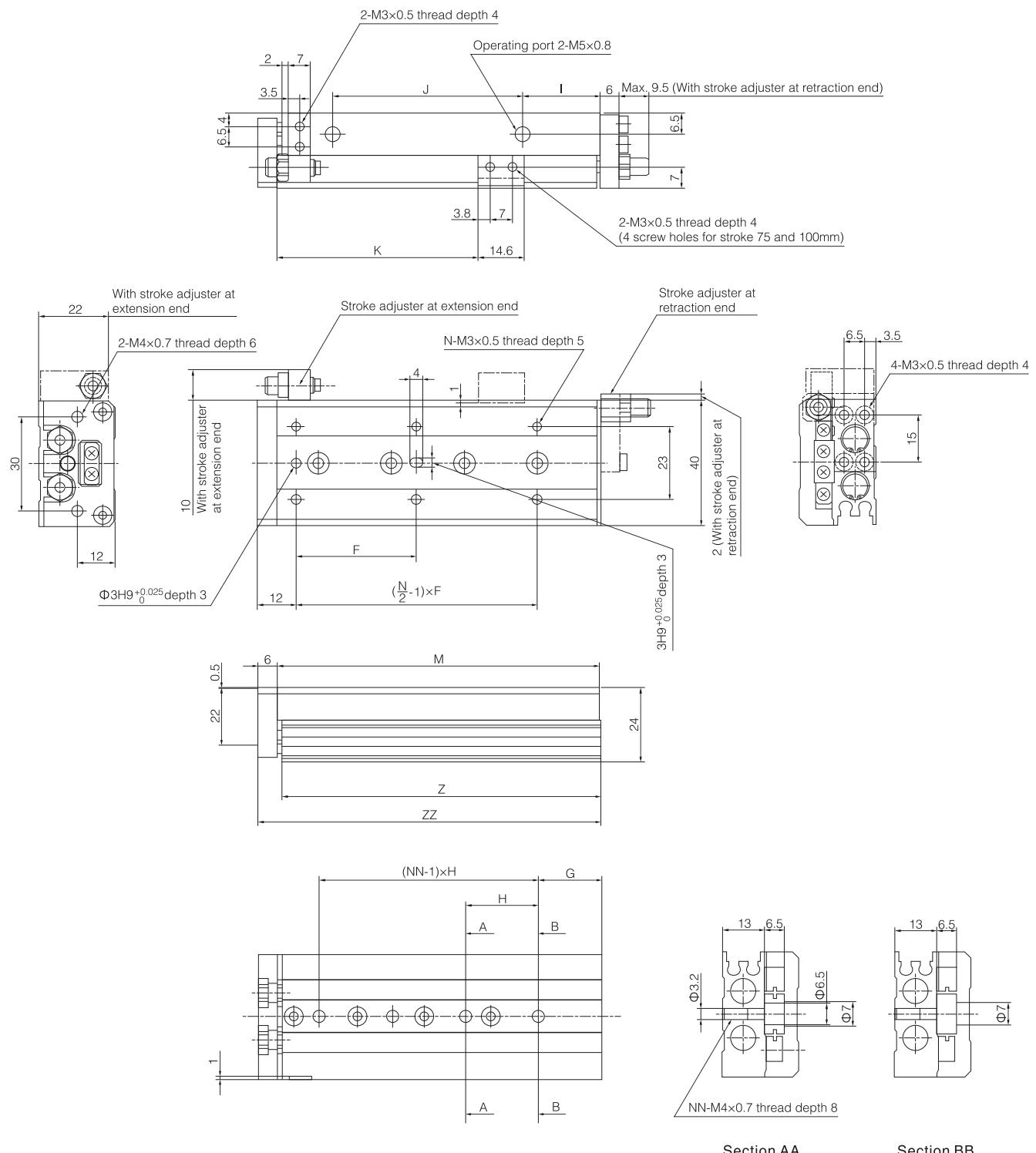


Section AA

Section BB

	Model	F	N	G	H	NN	I	J	K	M	Z	ZZ
NCRA1	NMXS6-10	20	4	6	25	2	10	17	22.5	42	41.5	48
NCRQ2	NMXS6-20	30	4	6	35	2	10	27	32.5	52	51.5	58
NCRB2	NMXS6-30	20	6	11	20	3	7	40	42.5	62	61.5	68
ACK	NMXS6-40	28	6	13	30	3	19	50	52.5	84	83.5	90
SRC	NMXS6-50	38	6	17	24	4	25	60	62.5	100	99.5	106

NMXS 8



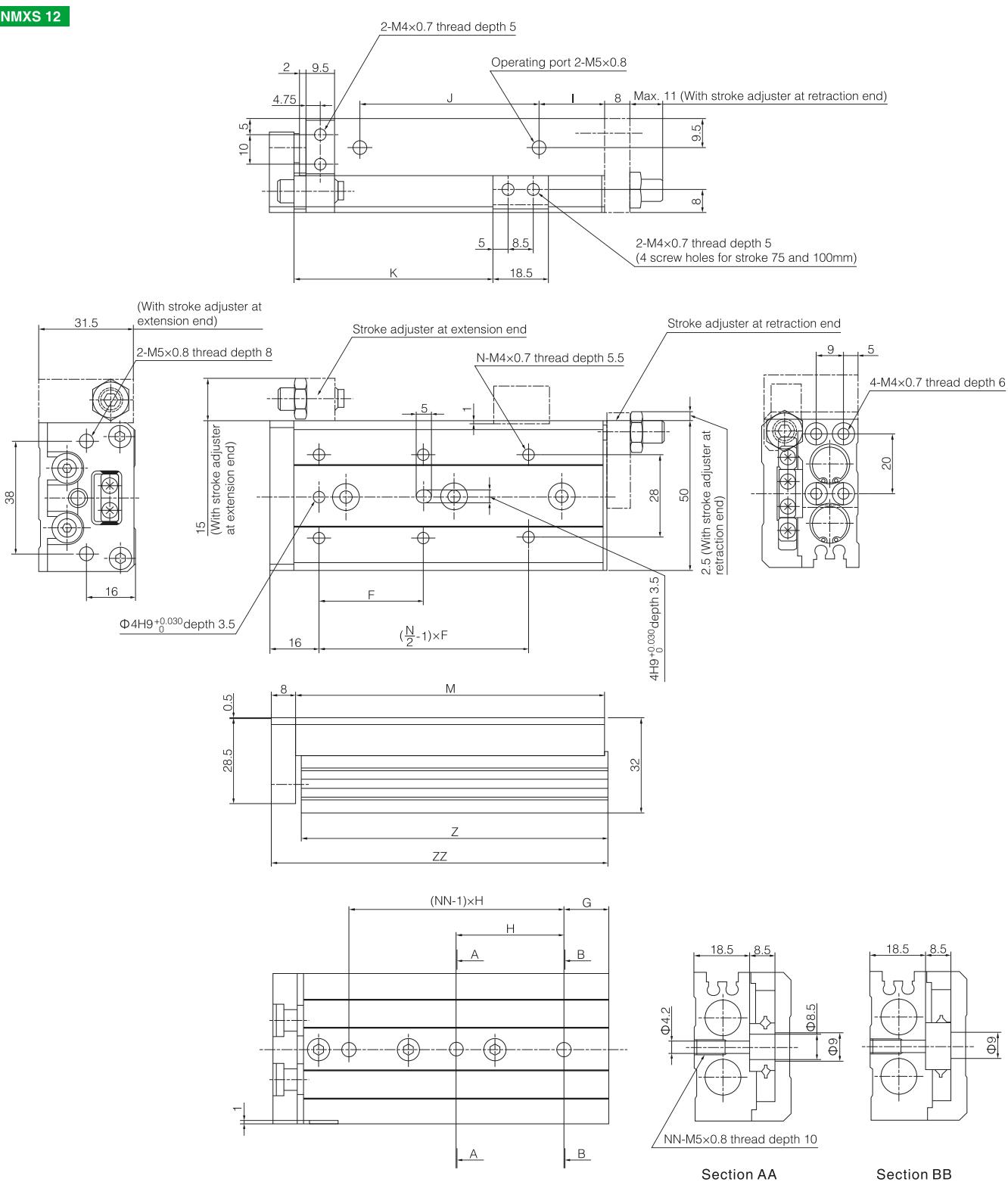
Model	F	N	G	H	NN	I	J	K	M	Z	ZZ
NMXS8-10	25	4	9	28	2	13	19.5	23.5	49	48.5	56
NMXS8-20	25	4	12	30	2	8.5	29	33.5	54	53.5	61
NMXS8-30	40	4	13	20	3	9.5	39	43.5	65	64.5	72
NMXS8-40	50	4	15	28	3	10.5	56	53.5	83	82.5	90
NMXS8-50	38	6	20	23	4	24.5	60	63.5	101	100.5	108
NMXS8-75	50	6	27	28	5	38.5	96	88.5	151	150.5	158

Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3
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NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

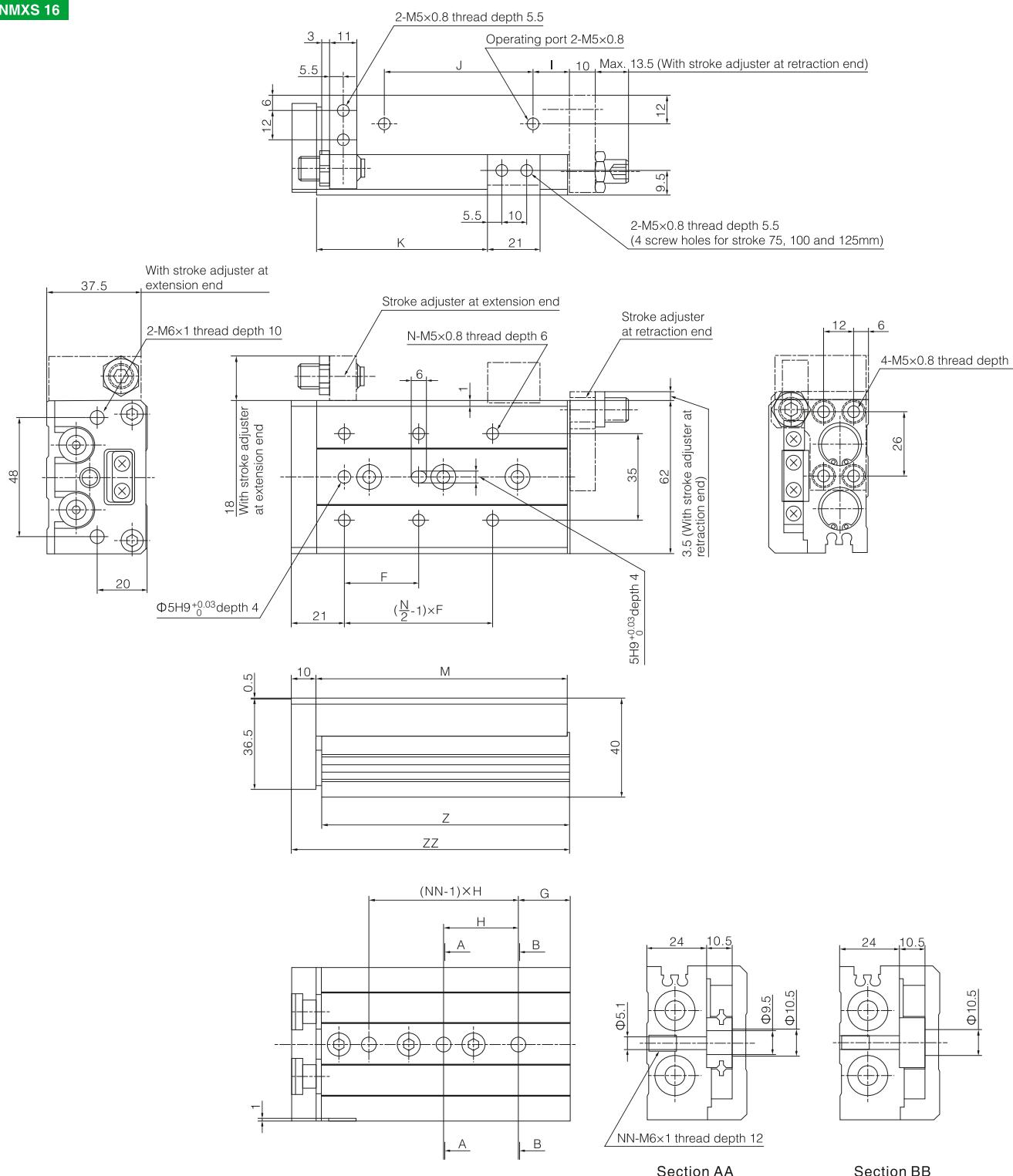
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3
NMHS4
NMRHQ

NMXS 12



Model	F	N	G	H	NN	I	J	K	M	Z	ZZ
NMSQ											
NCRA1	NMXS12-10	35	4	15	40	2	10	40	26.5	71	70
NCRQ2	NMXS12-20	35	4	15	40	2	10	40	36.5	71	70
NCRB2	NMXS12-30	35	4	15	40	2	10	40	46.5	71	70
ACK	NMXS12-40	50	4	17	25	3	10	52	56.5	83	82
SRC	NMXS12-50	35	6	15	36	3	22	60	66.5	103	102
QCK	NMXS12-75	55	6	25	36	4	43	85	91.5	149	148
NCK1	NMXS12-100	65	6	35	38	5	52	130	116.5	203	212

NMXS 16

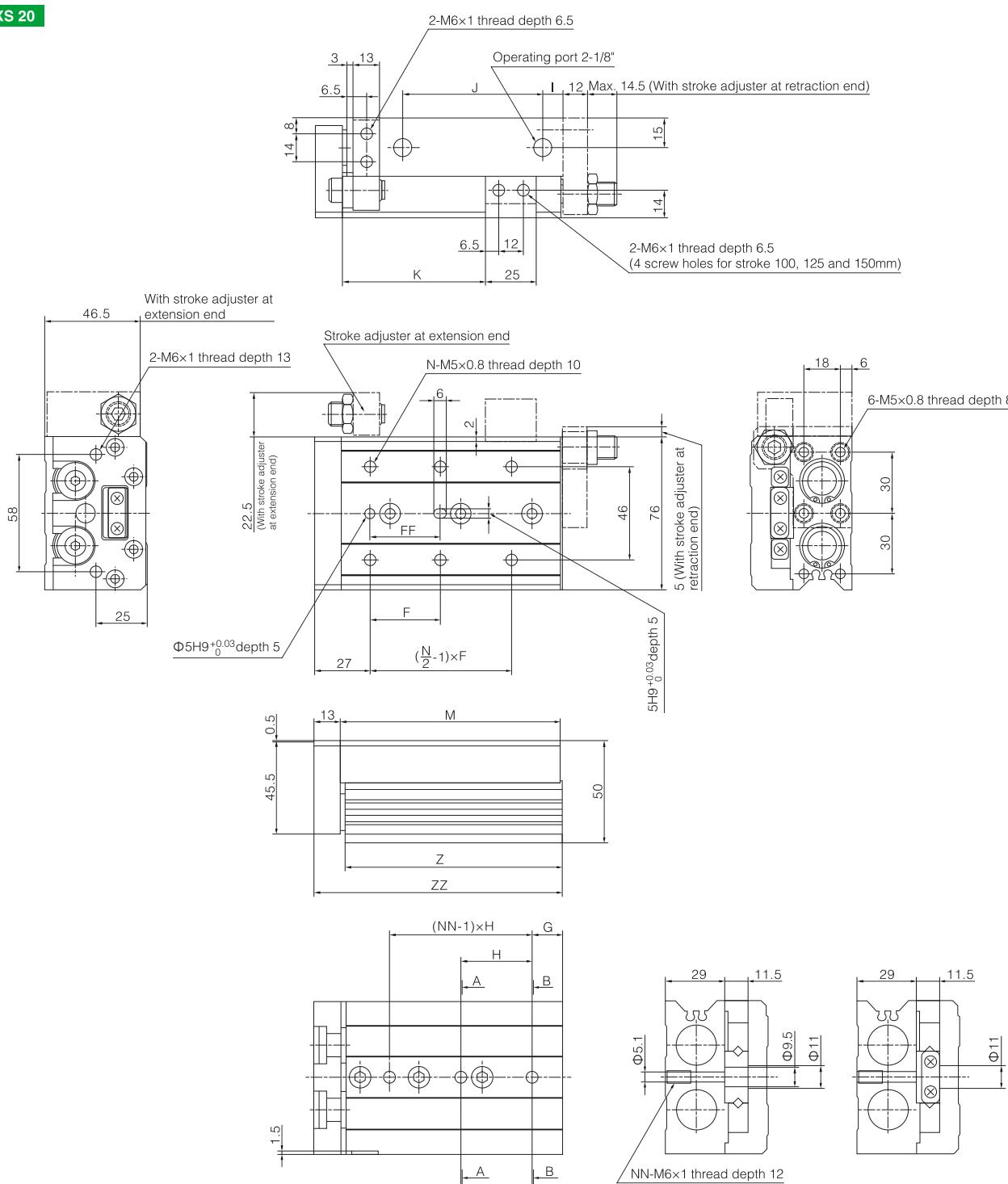


Model	F	N	G	H	NN	I	J	K	M	Z	ZZ
NMXS16-10	35	4	16	40	2	10	40	29	76	75	87
NMXS16-20	35	4	16	40	2	10	40	39	76	75	87
NMXS16-30	35	4	16	40	2	10	40	49	76	75	87
NMXS16-40	40	4	16	50	2	10	50	59	86	85	97
NMXS16-50	30	6	21	30	3	15	60	69	101	100	112
NMXS16-75	55	6	26	35	4	40	85	94	151	150	162
NMXS16-100	65	6	39	35	5	55	118	119	199	198	210
NMXS16-125	70	8	19	35	7	68	155	144	249	248	260

Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMHZ2
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
NMHS3

NMXS 20

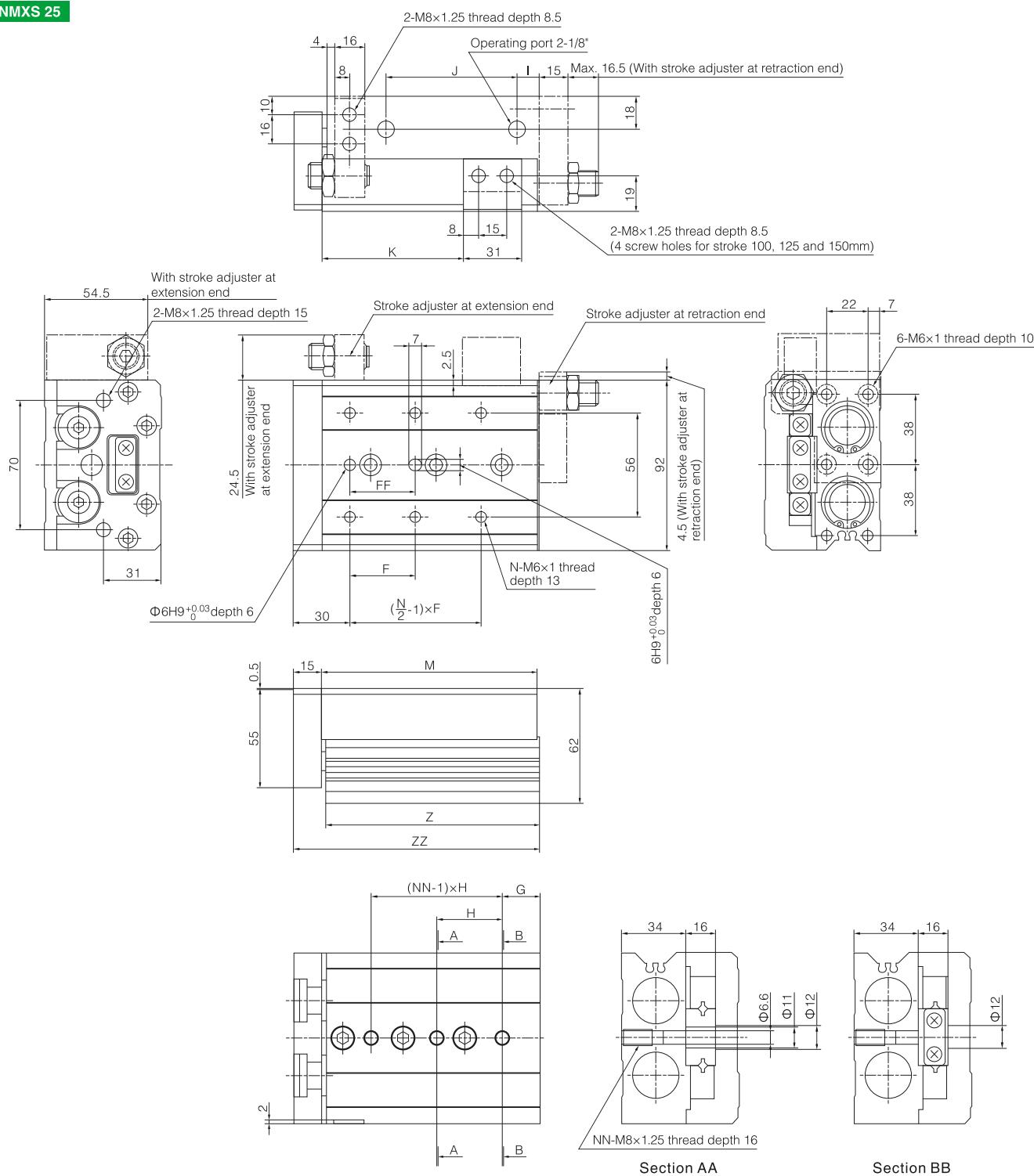


Section AA

Section BB

	Model	F	FF	N	G	H	NN	I	J	K	M	Z	ZZ
NMRHQ	NMXS20-10	50	40	4	15	45	2	10	44	31	83	81.5	97
NMSQ	NMXS20-20	50	40	4	15	45	2	10	44	41	83	81.5	97
NCRA1	NMXS20-30	50	40	4	15	45	2	10	44	51	83	81.5	97
NCRQ2	NMXS20-40	60	50	4	15	55	2	10	54	61	93	91.5	107
NCRB2	NMXS20-50	35	35	6	15	35	3	10	69	71	108	106.5	122
ACK	NMXS20-75	60	60	6	19	35	4	10	108	96	147	145.5	161
SRC	NMXS20-100	70	70	6	37	35	5	58	113	121	200	198.5	214
QCK	NMXS20-125	70	70	8	41	38	6	70	155	146	254	252.5	268
NCK1	NMXS20-150	80	80	8	19	44	7	87	190	171	306	304.5	320

NMXS 25



Model	F	FF	N	G	H	NN	I	J	K	M	Z	ZZ
NMXS25-10	50	40	4	22	45	2	12	47	35	92	90.5	108
NMXS25-20	50	40	4	22	45	2	12	47	45	92	90.5	108
NMXS25-30	50	40	4	22	45	2	12	47	55	92	90.5	108
NMXS25-40	60	50	4	22	55	2	12	57	65	102	100.5	118
NMXS25-50	35	35	6	20	35	3	12	70	75	115	113.5	131
NMXS25-75	60	60	6	26	35	4	33	90	100	156	154.5	172
NMXS25-100	70	70	6	32	35	5	50	114	125	197	195.5	213
NMXS25-125	75	75	8	40	38	6	67	155	150	255	253.5	271
NMXS25-150	80	80	8	30	40	7	82	180	175	295	293.5	311

Cylinder
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
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NMHY2
NMHT2
NMHW2
NMFH2
NMHS2
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NMHS4
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NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

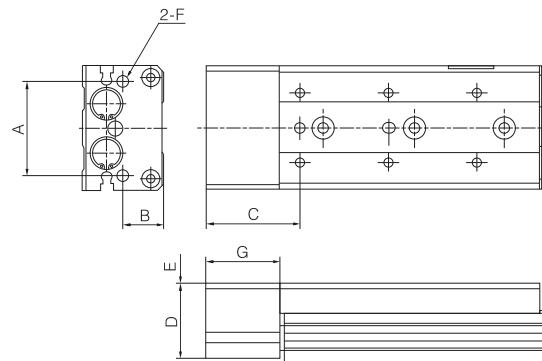
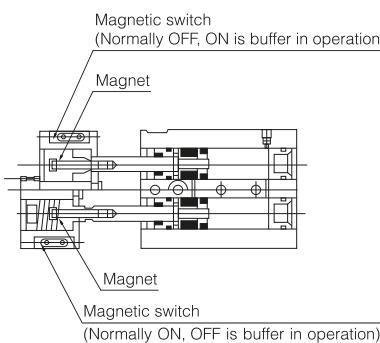
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS

NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
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NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ

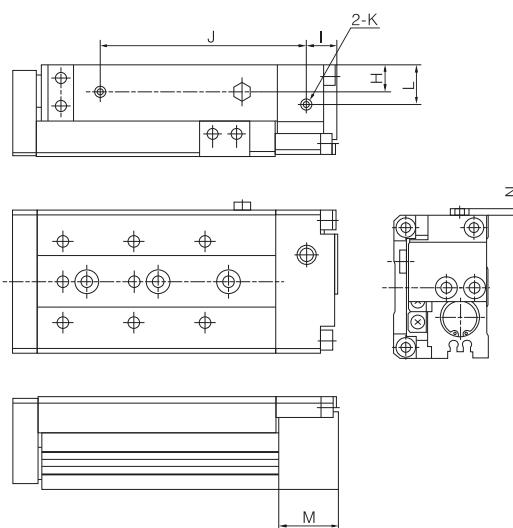
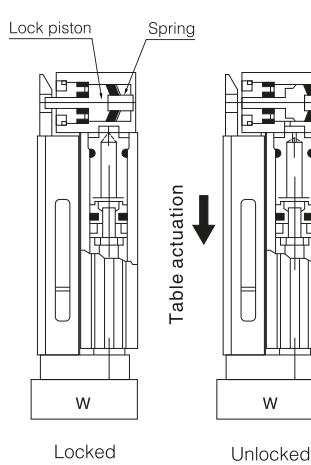
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Function options

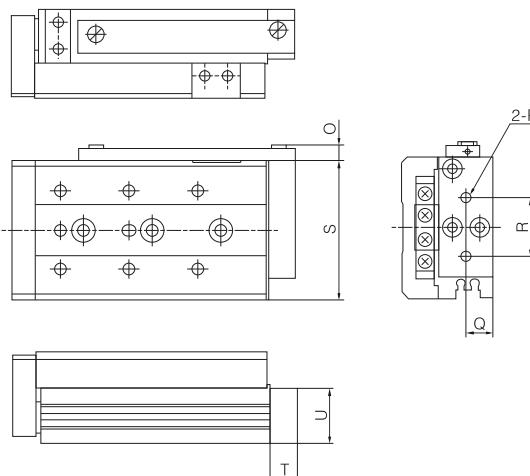
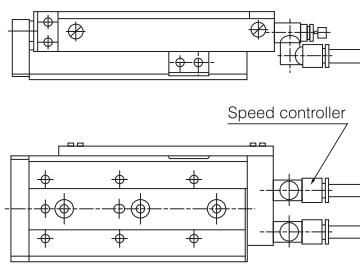
F-with spring buffer



R-With end lock



P-Axial piping type



Model	A	B	C	D	E	F	G	H	I	J								K	L	M	N	O	P	Q	R	S	T	U		
										10	20	30	40	50	75	100	125	150												
NMXS6	24	10	28	19	0.5	M3×0.5	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.6	M3×0.5	5.5	12	32	8	11.5
NMXS8	30	12	28.5	22.5	0.5	M3×0.7	22.5	6.5	9	39	44	55	73	91	141	-	-	-	M3×0.5	10	15.5	3	6.5	M5×0.8	6.5	15	40	12	13.5	
NMXS12	38	16	37	30	0.5	M5×0.8	29	9.5	10.5	59.5	59.5	59.5	71.5	91.5	137.5	191.5	-	-	M5×0.8	14.5	20	3	6.5	M5×0.8	9.5	20	50	12	18.7	
NMXS16	48	20	41	37.5	0.5	M6×1	30	12	13	62	62	62	72	87	137	185	235	-	M5×0.8	18	25	3	6.5	M5×0.8	12	26	62	12	23.5	
NMXS20	58	25	44.5	45.5	0.5	M6×1	30.5	15	15.5	68.5	68.5	68.5	78.5	93.5	132.5	185.5	239.5	291.5	1/8"	20	30	-	11.5	1/8"	15	32	76	20	29.5	
NMXS25	70	31	50	55	0.5	M8×1.25	35	18	18	76	76	76	86	99	140	181	239	279	1/8"	25.5	35	-	11.5	1/8"	18	40	92	20	35.5	