



1. Small size, firm, high precision.
2. Combination of small cylinder and circular linear guide.
3. Parallelism: 30μm, perpendicularity: 50μm.
4. Double cylinder design, 2 times output force.
5. Large load moment.
6. Adjustable travel (with adjustable travel device).
7. Magnetic switch can be installed.

Specifications

Model	NMXQ6	NMXQ8	NMXQ12	NMXQ16	NMXQ20	NMXQ25
Bore size (mm)	Φ6×2 (Equate to Φ8)	Φ8×2 (Equate to Φ11)	Φ12×2 (Equate to Φ17)	Φ16×2 (Equate to Φ22)	Φ20×2 (Equate to Φ28)	Φ25×2 (Equate to Φ35)
Use fluid	Air (to be filtered by 40μm filter element)					
Action mode	Double action					
Maximum operating pressure	0.7MPa					
Minimum operating pressure	0.15MPa					
Ambient and fluid temperature	-10 to 60℃ (No freezing)					
Piston speed (mm/s)	50~500 (Adjuster option/Metal stopper: 50 to 200)					
Cushion	Rubber buffer (standard), hydraulic buffer, none(Shock absorber)					
Stroke length tolerance(mm)	± 0.1					
Lubrication	Non-lube					
Pipe size	M5×0.8				1/8"	

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

Selection table

Model	Bore size (mm)	Standard stroke (mm)							Adjuster option			Functional option		Magnetic switch
		10	20	30	40	50	75	100	125	150	Rubber stopper	Shock absorber	Metal stopper	
NMXQ6	NMXQ6L	6												A93(V) A96(V) M9N(V) M9B(V) M9P(V) F9NW
NMXQ8	NMXQ8L	8												
NMXQ12	NMXQ12L	12												
NMXQ16	NMXQ16L	16												
NMXQ20	NMXQ20L	20												
NMXQ25	NMXQ25L	25												

Combination and collocation

Stroke adjuster	Function options	Without	F	R	P	FR	FP
Without		○	○	○	○	○	○
AS, CS		○	○	○	○	○	○
AT, CT		○	○	×	×	×	×
A, C		○	○	×	×	×	×
BS		○	×	○	○	×	×
BT		○	○	×	×	×	×
B		○	×	×	×	×	×

○: available, ×: not available.

Ordering code

NMXQ 12 L - 50

Bore size	
Symmetric type	
Blank	Standard type
L	Symmetric type

Stroke

AS

Adjuster option

Blank	Without adjuster	Without
AS	Extension end rubber stopper	Extension end
AT	Retraction end rubber stopper	Retraction end
A	Double end rubber stopper	Both ends
*BS	Extension end absorber	Extension end
*BT	Retraction end absorber	Retraction end
*B	Double absorber	Both ends
CS	Extension end metal stopper	Extension end
CT	Retraction end metal stopper	Retraction end
C	Double metal stopper	Both ends

* With shock absorber is not available in NMXQ6 series.

FR

Functional option

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

* With end lock is not available in NMXQ6 series.

Magnetic switch

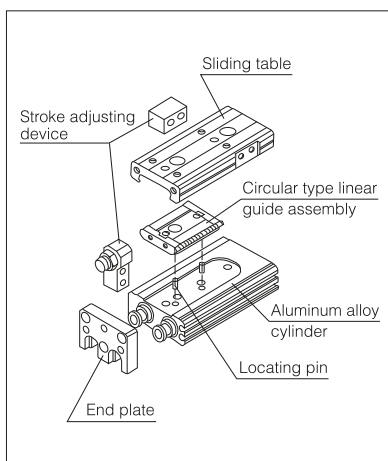
Blank | without magnetic switch
* Wire length representation mark:
no mark -0.5m, L-3m, Z-5m.

M9N

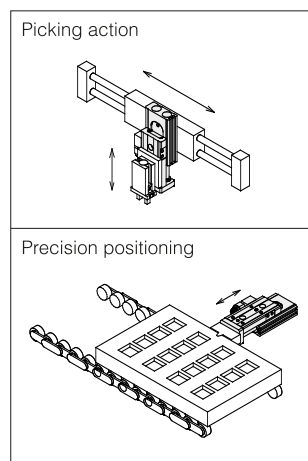
Number of magnetic switches

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

Cylinder and table combination



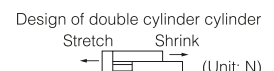
Application examples



Theoretical output force table

Bore size (mm)	Action direction	Compression area (mm²)	Use pressure (Mpa)					
			0.2	0.3	0.4	0.5	0.6	0.7
Φ6×2	Stretch	57	11	17	23	29	34	40
	Shrink	42	8	13	17	21	25	29
Φ8×2	Stretch	101	20	30	40	51	61	71
	Shrink	75	15	23	30	38	45	53
Φ12×2	Stretch	226	45	68	90	113	136	158
	Shrink	170	34	51	68	85	102	119
Φ16×2	Stretch	402	80	121	161	201	241	281
	Shrink	302	60	91	121	151	181	211
Φ20×2	Stretch	628	126	188	251	314	377	440
	Shrink	471	94	141	188	236	283	330
Φ25×2	Stretch	982	196	295	393	491	589	687
	Shrink	756	151	227	302	378	454	529

Note: theoretical output force(N)=pressure(MPa)×compression area (mm²).



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
NMH22
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
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NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Selection method of pneumatic slide table

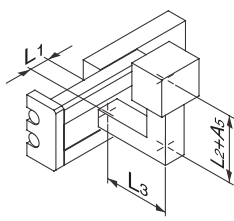
Model Selection Steps	Formula/Data	Selection Examples
1 Operating Conditions Enumerate the operating conditions considering the mounting position and workpiece configuration. Check that the load weight does not exceed the maximum allowable load weight and that the average operating speed does not exceed the operating speed range.	- 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), Table (2) - Overhang L_n (mm) Fig. (2)	 Cylinder: NMXQ16-50 Cushion: Rubber stopper Workpiece table mounting Mounting: Horizontal wall mounting Average operating speed: $V_a = 300$ [mm/s] Load mass: $W = 1$ [kg] $L_1 = 10$ mm $L_2 = 30$ mm $L_3 = 30$ mm
2 Kinetic Energy Find the kinetic energy E (J) of the load. Find the allowable kinetic energy E_a (J). Confirm that the kinetic energy of the load does not exceed the allowable kinetic energy.	$E = \frac{1}{2} \cdot W \left(\frac{V}{1000} \right)^2$ $\text{Collision speed } V = \frac{1.4}{\alpha} \cdot V_a$ ※) Correction factor (Reference values) $E_a = K \cdot E_{\max}$ Workpiece mounting coefficient K: Fig.(3) Max. allowable kinetic energy $E_{\max}$: Table (1) Kinetic energy (E) ≤ Allowable kinetic energy (E_a)	$E = \frac{1}{2} \times 1 \times \left(\frac{420}{1000} \right)^2 = 0.088$ $V = 1.4 \times 300 = 420$ $E_a = 1 \times 0.11 = 0.11$ Can be used based on $E = 0.088 \leq E_a = 0.11$
3 Load Factor		
3-1 Load Factor of Load Mass Find the allowable load mass W_a (kg). Note) No need to consider this load factor in the case of using perpendicularly in a vertical position. (Define $\alpha_1 = 0$.) Find the load factor of the load weight α_1 .	$W_a = K \cdot \beta \cdot W_{\max}$ Workpiece mounting coefficient K: Fig. (3) Allowable load mass coefficient β: Graph (1) Max. allowable load mass $W_{\max}$: Table (2) $\alpha_1 = W/W_a$	$W_a = 1 \times 1 \times 4 = 4$ $K = 1$ $\beta = 1$ $W_{\max} = 4$ $\alpha_1 = 1/4 = 0.25$
3-2 Load Factor of Static Moment Find the static moment M (N·m). Find the allowable static moment M_a (N·m). Find the load factor α_2 of the static moment.	$M = W \times 9.8 (L_n + A_n) / 1000$ Correction value of moment center position distance A_n: Table (3) $M_a = K \cdot Y \cdot M_{\max}$ Workpiece mounting coefficient K: Fig. (3) Allowable moment coefficient Y: Graph (2) Maximum allowable moment $M_{\max}$: Table (4) $\alpha_2 = M/M_a$	Yawing Examine M_y. $M_y = 1 \times 9.8 (10 + 30) / 1000 = 0.39$ $A_3 = 30$ $M_{ay} = 1 \times 1 \times 18 = 18$ $M_{y\max} = 18$ $K = 1$ $Y = 1$ $\alpha_2 = 0.39 / 18 = 0.022$ Rolling Examine M_r. $M_r = 1 \times 9.8 (30 + 10.5) / 1000 = 0.39$ $A_6 = 10.5$ $M_{ar} = 36$ $M_{r\max} = 36$ $K = 1$ $Y = 1$ $\alpha_2 = 0.39 / 36 = 0.011$
3-3 Load Factor of Dynamic Moment Find the dynamic moment M_e (N·m). Find the allowable dynamic moment M_{ea} (N·m). Find the load factor α_3 of the dynamic moment.	$M_e = 1/3 \cdot W_e \times 9.8 \frac{(L_n + A_n)}{1000}$ Collision equivalent to impact $W_e = \delta \cdot W \cdot V$ δ: Bumper coefficient Rubber stopper without adjuster = 4/100 Shock absorber = 1/100 Metal stopper = 16/100 Correction value of moment center position distance A_n: Table (3) $M_{ea} = K \cdot Y \cdot M_{\max}$ Workpiece mounting coefficient K: Fig. (3) Allowable moment coefficient Y: Graph (2) Max. allowable moment $M_{\max}$: Table (4) $\alpha_3 = M_e/M_{ea}$	Pitching Examine M_{ep}. $M_{ep} = 1/3 \times 16.8 \times 9.8 \times \frac{(30 + 10.5)}{1000} = 2.2$ $W_e = 4/100 \times 1 \times 420 = 16.8$ $A_2 = 10.5$ $M_{eap} = 1 \times 0.7 \times 18 = 12.6$ $K = 1$ $Y = 0.7$ $M_{p\max} = 18$ $\alpha_3 = 2.2 / 12.6 = 0.17$ Yawing Examine M_{ey}. $M_{ey} = 1/3 \times 16.8 \times 9.8 \times \frac{(30 + 24.5)}{1000} = 3.0$ $W_e = 16.8$ $A_4 = 24.5$ $M_{eay} = 12.6$ (Same value as M_{eap}) $\alpha_3 = 3.0 / 12.6 = 0.24$
3-4 Sum of Load Factors Use is possible if the sum of the load factors does not exceed 1.	$\sum \alpha_n = \alpha_1 + \alpha_2 + \dots + \alpha_n \leq 1$	$\sum \alpha_n = \alpha_1 + \alpha_2 + \alpha_2' + \alpha_3 + \alpha_3' = 0.25 + 0.022 + 0.011 + 0.17 + 0.24 = 0.693 \leq 1$ And it is possible to use.

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

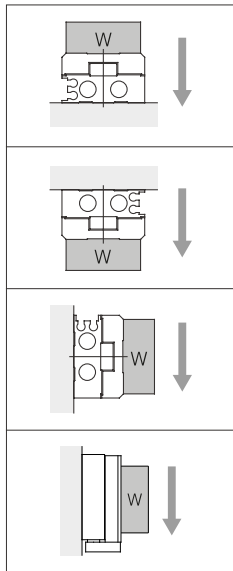
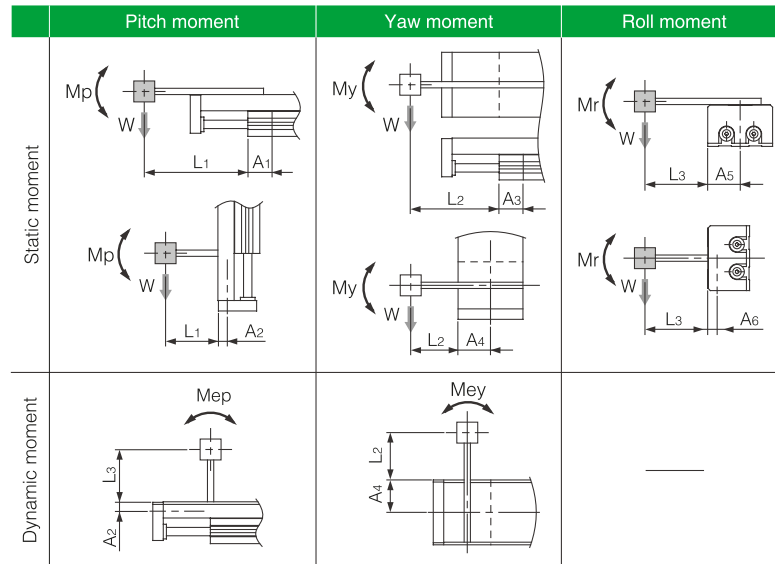


Fig. (2) Overhang: Ln (mm), Correction Value of Moment Center Position Distance: An (mm)



Note: Static moment: Moment generated by gravity
Dynamic moment: Moment generated by impact when colliding with stopper

Fig. (3) Workpiece Mounting
Coefficient: K

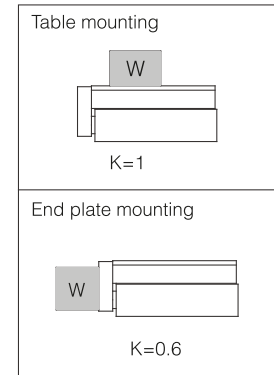


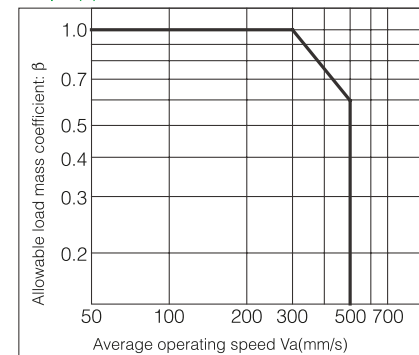
Table (1) Maximum Allowable Kinetic Energy: Emax (J)

Model	Without adjuster	Allowable kinetic energy		
		Adjuster option		
		Rubber stopper	Shock absorber	Metal stopper
NMXQ6	0.018	0.018	-	0.009
NMXQ8	0.027	0.027	0.054	0.013
NMXQ12	0.055	0.055	0.11	0.027
NMXQ16	0.11	0.11	0.22	0.055
NMXQ20	0.16	0.16	0.32	0.080
NMXQ25	0.24	0.24	0.48	0.12

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

Model	Maximum allowable load mass
NMXQ6	0.6
NMXQ8	1
NMXQ12	2
NMXQ16	4
NMXQ20	6
NMXQ25	9

Graph (1) Allowable Load Mass Coefficient: β



⚠ Caution The maximum operating speed for metal stopper is 200 mm/s.

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

Model	Correction value of moment center position distance (Refer to Figure (2).)												
	A1, A3									A2	A4	A5	A6
	Stroke (mm)												
	10	20	30	40	50	75	100	125	150				
NMXQ6	14.5	14.5	14.5	18.5	18.5	-	-	-	-	6	13.5	13.5	6
NMXQ8	16.5	16.5	18.5	20.5	28	28.5	-	-	-	7	16	16	7
NMXQ12	21	21	21	25	25	34	34	-	-	9	19.5	19.5	9
NMXQ16	27	27	27	27	30	33	42.5	42.5	-	10.5	24.5	24.5	10.5
NMXQ20	29.5	29.5	29.5	29.5	33.5	37.5	53.5	55	56.5	14	30	30	14
NMXQ25	35.5	35.5	35.5	35.5	43	43	50	64	64	16.5	37	37	16.5

Note: For A2, A4, A5 and A6, there is no difference in the corrected values due to the stroke.

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

Model	Pitch/Yaw moment: Mpmx/Mymax										Roll moment: Mrmax									
	Stroke (mm)										Stroke (mm)									
	10	20	30	40	50	75	100	125	150	10	20	30	40	50	75	100	125	150	10	20
NMXQ6	1.4	1.4	1.4	2.8	2.8	-	-	-	-	3.5	3.5	3.5	5.1	5.1	-	-	-	-	3.5	3.5
NMXQ8	2.0	2.0	2.8	3.7	7.9	7.9	-	-	-	5.1	5.1	6.0	6.9	7.4	7.4	-	-	-	5.1	5.1
NMXQ12	4.7	4.7	4.7	7.2	7.2	15	15	-	-	11	11	11	13	13	14	14	-	-	11	11
NMXQ16	13	13	13	13	18	23	42	42	-	31	31	31	31	36	41	41	41	-	31	31
NMXQ20	19	19	19	19	27	36	84	84	84	47	47	47	47	57	66	75	75	75	47	47
NMXQ25	32	32	32	32	52	52	78	140	140	81	81	81	81	110	110	130	130	130	81	81

Symbol

Symbol	Definition	Unit
An (n=1 to 6)	Correction value of moment center position distance	mm
E	Kinetic energy	J
Emax	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 (Mpmx, Mymax, Mrmax)	Max. allowable moment (Pitch, Yaw, Roll)	N·m
V	Collision speed	mm/s

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

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

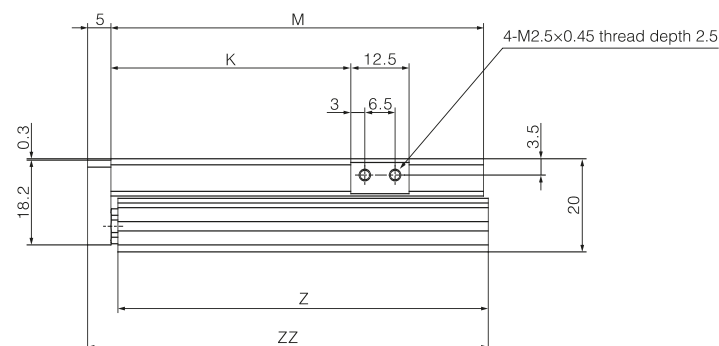
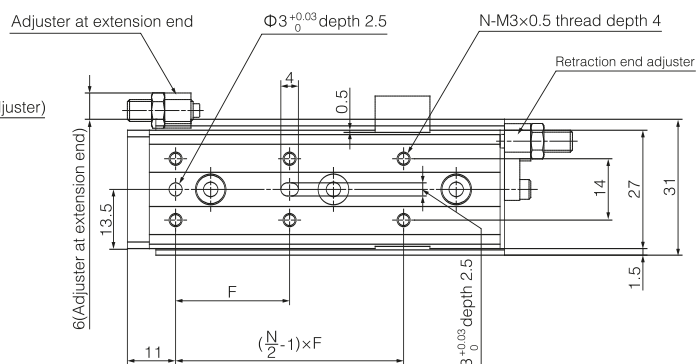
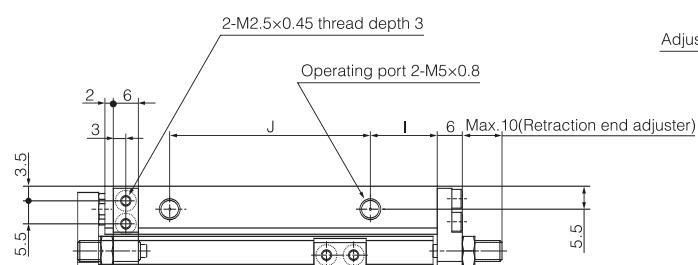
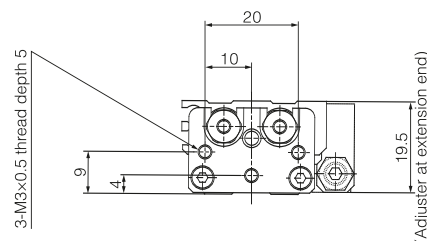
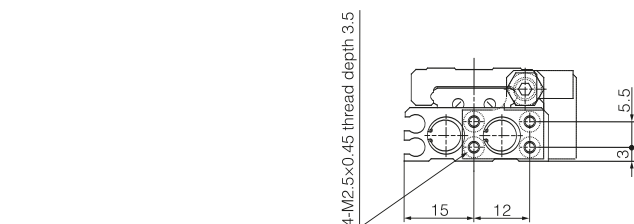
Cylinder
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SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TD(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
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NMHZ2
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NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
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NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

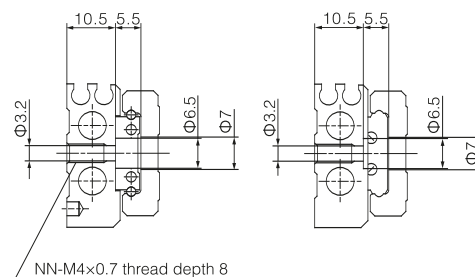
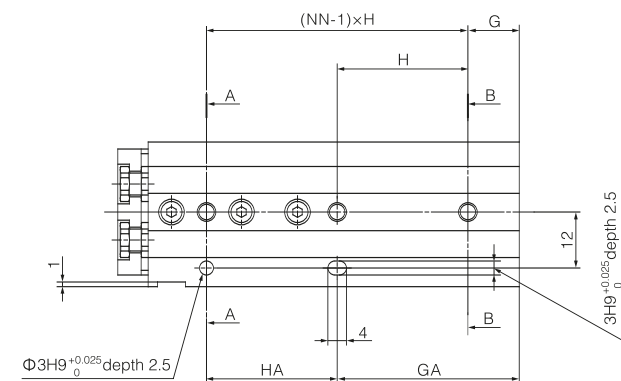
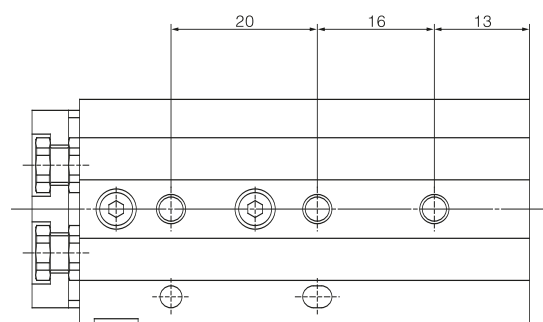
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SC(Big)
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QGB
QGBZ
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NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
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NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
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SRC
QCK
NCK1

Dimensions

Basic type(NMXQ 6)



Bottom view of NMXQ6-30

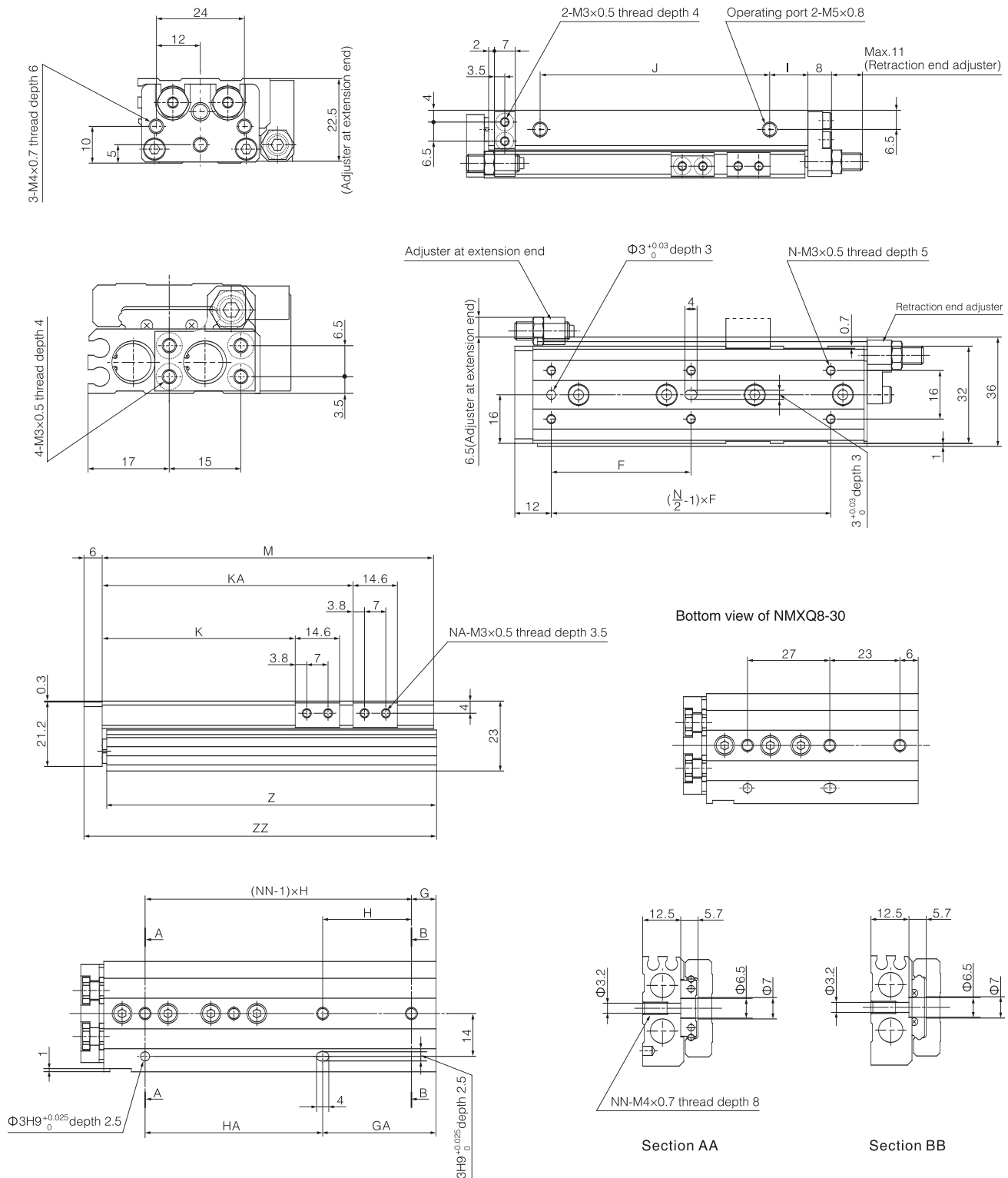


Section AA

Section BB

Model	F	N	G	H	NN	GA	HA	I	J	K	M	Z	ZZ
NMXQ6-10	22	4	6	23	2	13	16	9	17	21.5	42	41.5	48
NMXQ6-20	25	4	13	26	2	13	26	9	27	31.5	52	51.5	58
NMXQ6-30	21	6	-	-	3	29	20	9	37	41.5	62	61.5	68
NMXQ6-40	26	6	11	28	3	39	28	16	48	51.5	80	79.5	86
NMXQ6-50	27	6	21	28	3	49	28	9	65	61.5	90	89.5	96

Basic type(NMXQ 8)



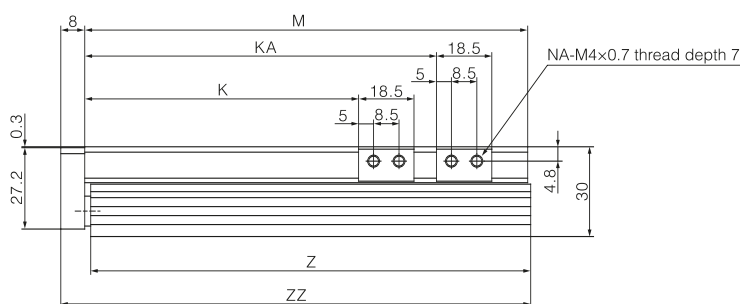
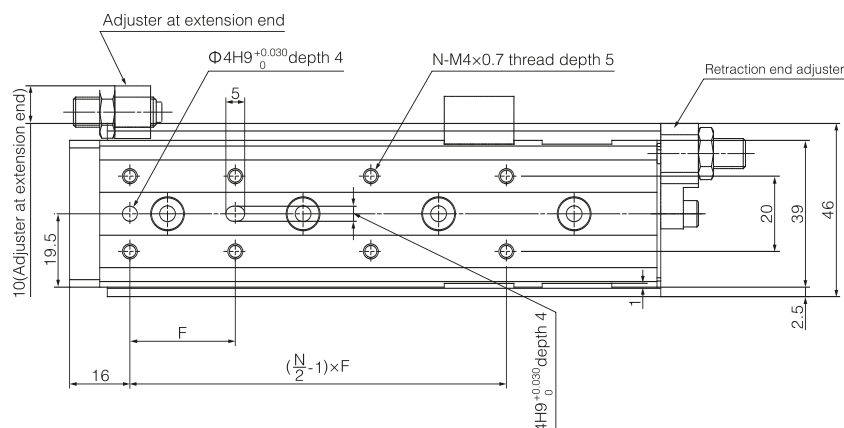
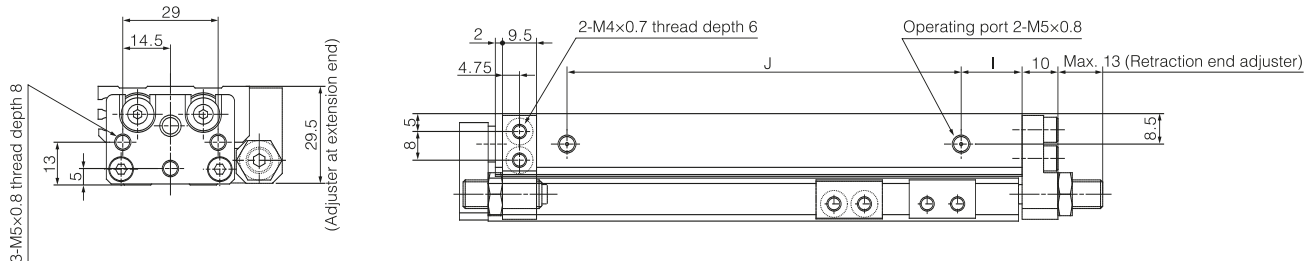
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NMXQ8-20	25	4	14	28	2	14	28	10	28	33.5	-	4	56	55.5	63
NMXQ8-30	26	6	-	-	3	29	27	12	40	43.5	-	4	70	69.5	77
NMXQ8-40	32	6	8	31	3	39	31	14	52	53.5	-	4	84	83.5	91
NMXQ8-50	46	6	8	29	4	37	58	13	78	63.5	82.5	8	109	108.5	116
NMXQ8-75	50	6	31	30	4	61	60	12	105	88.5	112.5	8	135	134.5	142

Cylinder

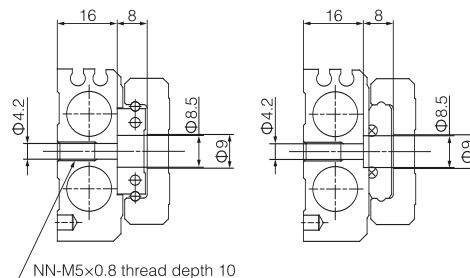
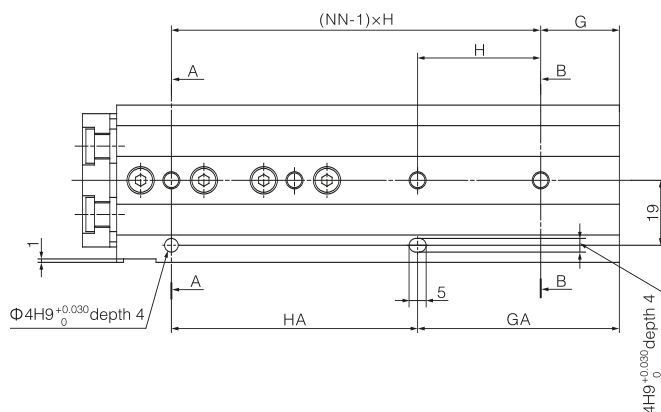
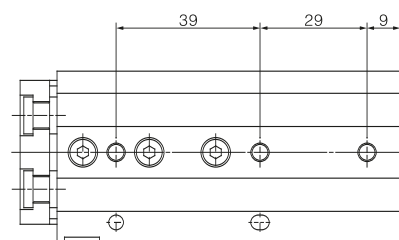
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SCT
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SU
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SI
SIF
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QGB
QGBZ
NCQ2
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NCQM
NRQ
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
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NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Cylinder

Basic type(NMXQ 12)



Bottom view of NMXQ12-40

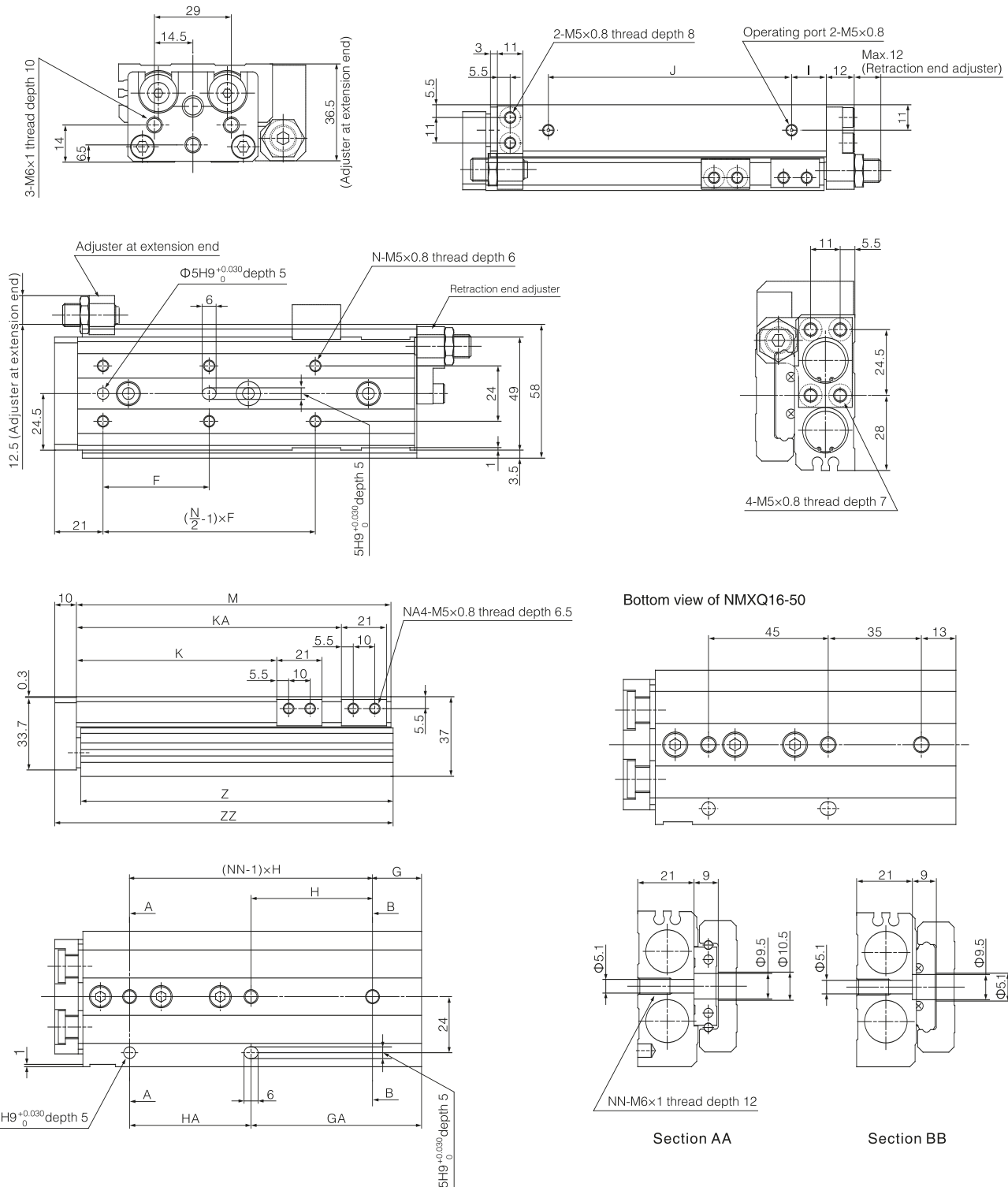


Section AA

Section BB

Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
NMXQ12-10	28	4	18	32	2	18	32	12	34	26.5	-	4	67	66	76
NMXQ12-20	28	4	18	32	2	18	32	12	34	36.5	-	4	67	66	76
NMXQ12-30	38	4	20	40	2	20	40	14	42	46.5	-	4	77	76	86
NMXQ12-40	34	6	-	-	3	38	39	15	58	56.5	-	4	94	93	103
NMXQ12-50	34	6	9	39	3	48	39	13	70	66.5	-	4	104	103	113
NMXQ12-75	36	8	23	36	4	59	72	17	110	91.5	117.5	8	148	147	157
NMXQ12-100	36	10	12	36	5	84	72	17	135	116.5	142.5	8	173	172	182

Basic type(NMXQ 16)



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
NMXQ16-10	38	4	18	39	2	18	39	12	40	28	-	4	78	77	89
NMXQ16-20	38	4	18	39	2	18	39	12	40	38	-	4	78	77	89
NMXQ16-30	48	4	19	48	2	19	48	12	50	48	-	4	88	87	99
NMXQ16-40	58	4	19	58	2	19	58	12	60	58	-	4	98	97	109
NMXQ16-50	40	6	-	-	3	48	45	20	68	68	91	8	114	113	125
NMXQ16-75	46	6	21	52	3	73	52	15	105	93	123	8	146	145	157
NMXQ16-100	44	8	36	44	4	80	88	18	145	118	166	8	189	188	200
NMXQ16-125	44	10	17	44	5	105	88	23	165	143	191	8	214	213	225

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

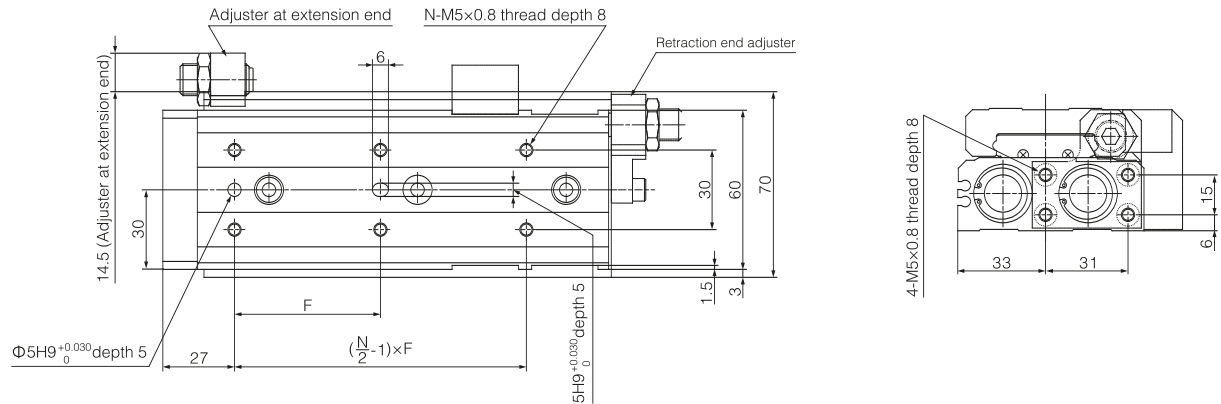
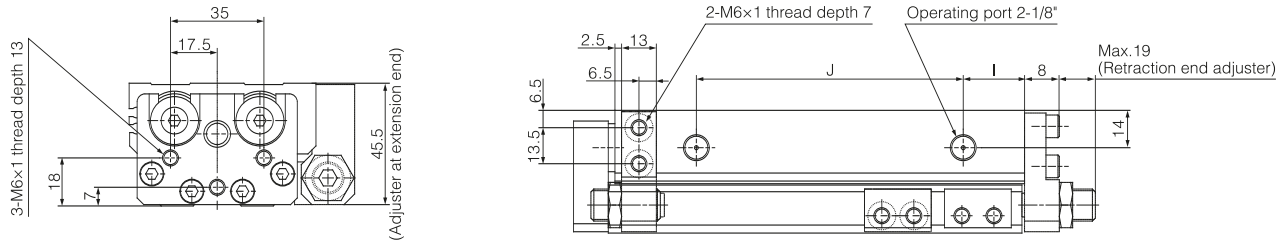
SRC

QCK

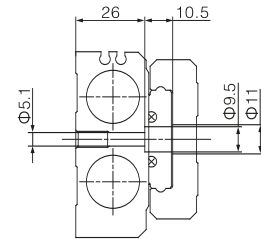
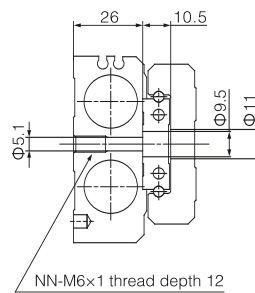
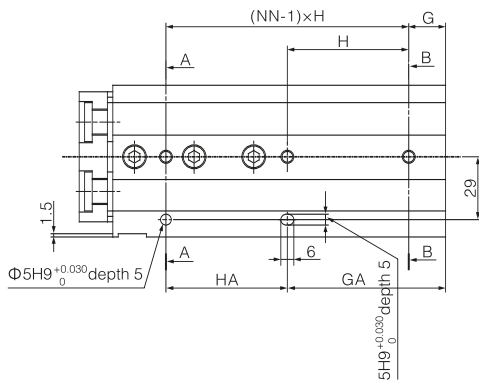
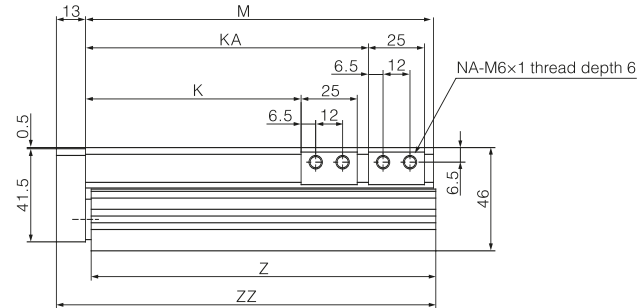
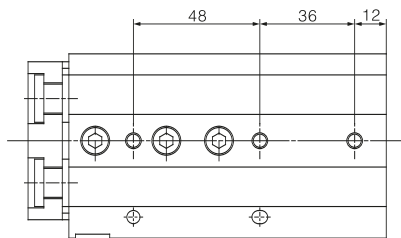
NCK1

Cylinder

Basic type(NMXQ 20)



Bottom view of NMXQ20-50



Section AA

Section BB

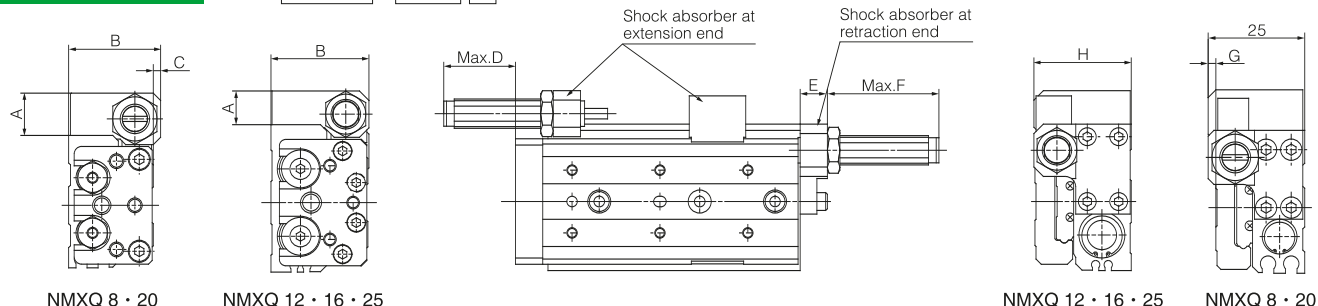
Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
NMXQ20-10	45	4	22	46	2	18	50	16	46	31	-	4	94	92.5	108
NMXQ20-20	40	4	22	46	2	18	50	16	46	41	-	4	94	92.5	108
NMXQ20-30	48	4	22	46	2	18	50	16	46	51	-	4	94	92.5	108
NMXQ20-40	58	4	22	56	2	22	56	16	56	61	-	4	104	102.5	118
NMXQ20-50	42	6	-	-	3	48	48	18	72	71	-	4	122	120.5	136
NMXQ20-75	55	6	17	56	3	73	56	23	100	96	126	8	155	153.5	169
NMXQ20-100	50	8	18	56	4	74	112	25	155	121	183	8	212	210.5	226
NMXQ20-125	55	8	37	59	4	96	118	18	190	146	211	8	240	238.5	254
NMXQ20-150	62	8	56	62	4	118	124	21	215	171	239	8	268	266.5	282

Cylinder

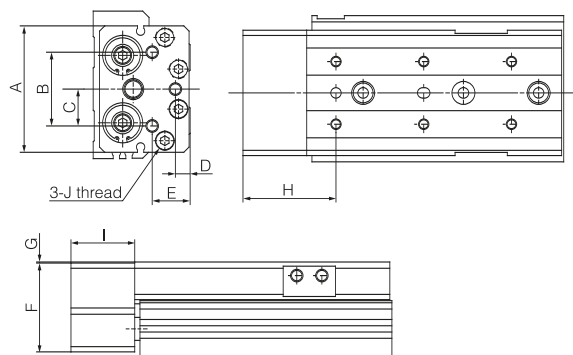
SC
SC(Big)
SCT
SCF
SU
SUF
SI
SIF
DNC
QGB
QGBZ
NCQ2
NCQ2(Big)
NCQ2(Long)
NCQS
NCQM
NRQ
SDA
ADVU
ACE(AND)
MAL
MA
MI
NCM2
NCJ2
NCG1
NCJP
TD
TN(TDA)
NCXS
NCXSW
NMGP
NMGG
NCU
NCUJ
NCY3B
NCY3R
NCY1S
NCY1L
STM
NMXH
NMXS
NMXQ
NMH22
NMHC2
NMHL2
NMHY2
NMHT2
NMHW2
NMHF2
NMHS2
NMHS3
NMHS4
NMRHQ
NMSQ
NCRA1
NCRQ2
NCRB2
ACK
SRC
QCK
NCK1

Function options

B-With shock absorber NMXQ Bore size - Stroke BS, BT, B



F-with spring buffer NMXQ Bore size - Stroke F



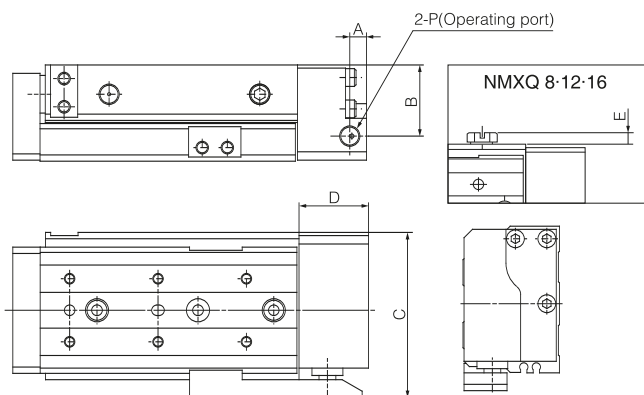
With shock absorber

Model	Adjust stroke range		A	B	C	D	E	F	G	H
	Front	After								
NMXQ8	20	20	11.5	25	2	23	8	32	2	25
NMXQ12	18	18	10	29.5	-	18	10	30	-	29.5
NMXQ16	22	22	12.5	36.5	-	20	12	34	-	36.5
NMXQ20	35	35	16	46.5	0.5	35	13	54	0.5	46.5
NMXQ25	35	35	16.5	54.5	-	29	15	52	-	54.5

With spring buffer

Model	A	B	C	D	E	F	G	H	I	J
NMXQ6	30	16	8	4	8	19.2	0.3	28	22	M3×0.5 depth 5
NMXQ8	34	24	12	5	10	22.2	0.3	28.5	22.5	M4×0.7 depth 6
NMXQ12	43	29	14.5	5	13	29.2	0.3	37	29	M5×0.8 depth 8
NMXQ16	54	42	21	6.5	15.5	35.7	0.3	41	30	M6×1 depth 10
NMXQ20	60	35	17.5	7	18	42.5	0.5	44.5	30.5	M6×1 depth 12
NMXQ25	74	44	22	6.5	21.5	49.5	0.5	50	35	M8×1.25 depth 15

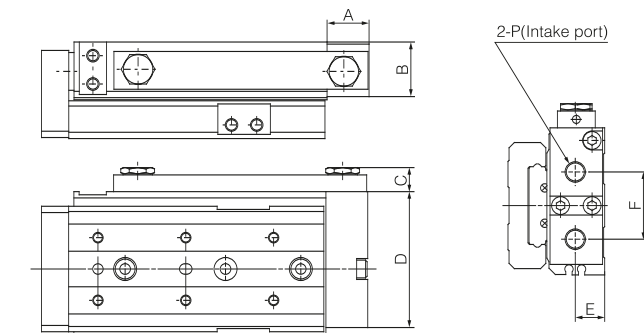
R- With end lock NMXQ Bore size - Stroke R



With end lock

Model	A	B	C	D	E	P
NMXQ8	4	17.5	40.5	16	3	M5×0.8
NMXQ12	5	22	51	22	3	M5×0.8
NMXQ16	6	29	65.5	25	3	M5×0.8
NMXQ20	8	34	78.5	33	-	1/8"
NMXQ25	8	40	94	37	-	1/8"

P-Axial piping type NMXQ Bore size - Stroke P



Axial piping type

Model	A	B	C	D	E	F	P
NMXQ6	12	12.5	6.3	26	5.5	12	M5×0.8
NMXQ8	12	14.5	6.3	31	6.5	15	M5×0.8
NMXQ12	13	16.5	6.3	41	8.5	20	M5×0.8
NMXQ16	14	21	6.3	52	11	26	M5×0.8
NMXQ20	20	26	11.5	65	14	32	1/8"
NMXQ25	20	32	11.5	79	17	40	1/8"