

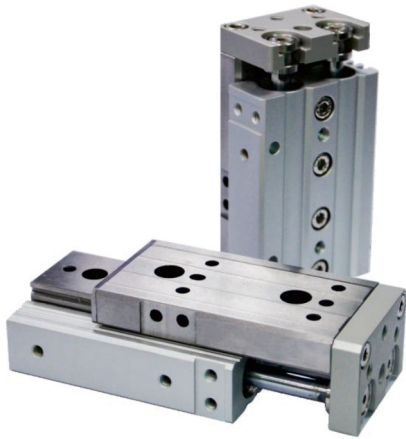


Figure 1 JXQ Series

JXQ Series

Specifications

Bore Size(mm)	6	8	12	16	20	25
	φ6x2 amount to φ8	φ8x2 amount to φ11	φ16x2 amount to φ17	φ16x2 amount to φ22	φ20x2 amount to φ28	φ25x2 amount to φ35
Working Medium	Air					
Action	Double acting					
Max. Operating Pressure	0.7MPa					
Min. Operating Pressure	0.15MPa					
Ambient And Fluid Temperature	-10~60°C (with no condensation)					
Piston Speed	50~500mm/s					
Cushing	Rubber buffer (standard)					
Stroke Length Tolerance	+1 0					
Lubrication	No need, if needed, please use Turbine oil No.1 ISOVG32					
Sensor Model	JEL-07					
Piping Size	M5×0.8			1/8		

Feature

1. Small size, strong, high precision.
2. Combination of compact cylinder and linear guide.
3. Double cylinder design, double power output.
4. Adjustable stroke (with adjusting stroke device).
5. Mountable sensor.

Cylinder Theoretical Output Sheet (Double Cylinder Design)

Bore Size (mm)	Action Direction	Compression Area (mm ²)	Operating Pressure(Mpa)					
			0.2	0.3	0.4	0.5	0.6	0.7
Ø6×2	OUT	57	11	17	23	29	34	40
	IN	42	8	13	17	21	25	29
Ø8×2	OUT	101	20	30	40	51	61	71
	IN	75	15	23	30	38	45	53
Ø12×2	OUT	226	45	68	90	113	136	158
	IN	170	34	51	68	85	102	119
Ø16×2	OUT	402	80	121	161	201	241	281
	IN	302	60	91	121	151	181	211
Ø20×2	OUT	628	126	188	251	314	377	440
	IN	471	94	141	188	236	283	330
Ø25×2	OUT	982	196	295	393	491	589	687
	IN	756	151	227	302	378	454	

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

Sensor

JXQ Series

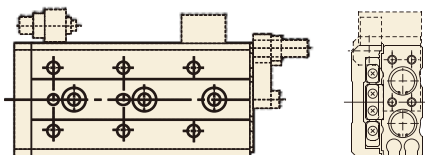
Slide Table Cylinder(Linear Guide)



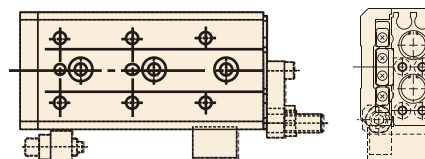
Cylinder
Calculation
SI
SI A.
SIB
SQ
DNT
SC/SU
SCT
SC A.
DN
DSN
DN/DSN A.
MA
MAC
MA/MAC A.
MAL
MALC
MAL/MALC A.
SDA
CQ2
TCQ2
ADN
TADN
PPRM
JHL2
JHF2
JHZ2
JHY2
JHC2
JXH
JXQ
JXS
TN
JGP
JSQB
Sensor

Ordering Code

Standard Type (Nil)



Symmetric Type (with L)



JXQ

12



X

50

AS

1

2

3

4

1 Bore Size	2 Model	3 Stroke	4 Adjusting Device	
	Nil-standard L- symmetric		Nil	Nil
			AS	Stroke adjuster at extension end
			AT	Stroke adjuster at retraction end
			A	Stroke adjuster at both sides
			*BS	Hydraulic buffer at extension end
			*BT	Hydraulic buffer at retraction end
			*B	Hydraulic buffer at both sides
			AB	Stroke adjuster at extension end and hydraulic buffer at retraction end
			BA	Stroke adjuster at retraction end and hydraulic buffer at extension end

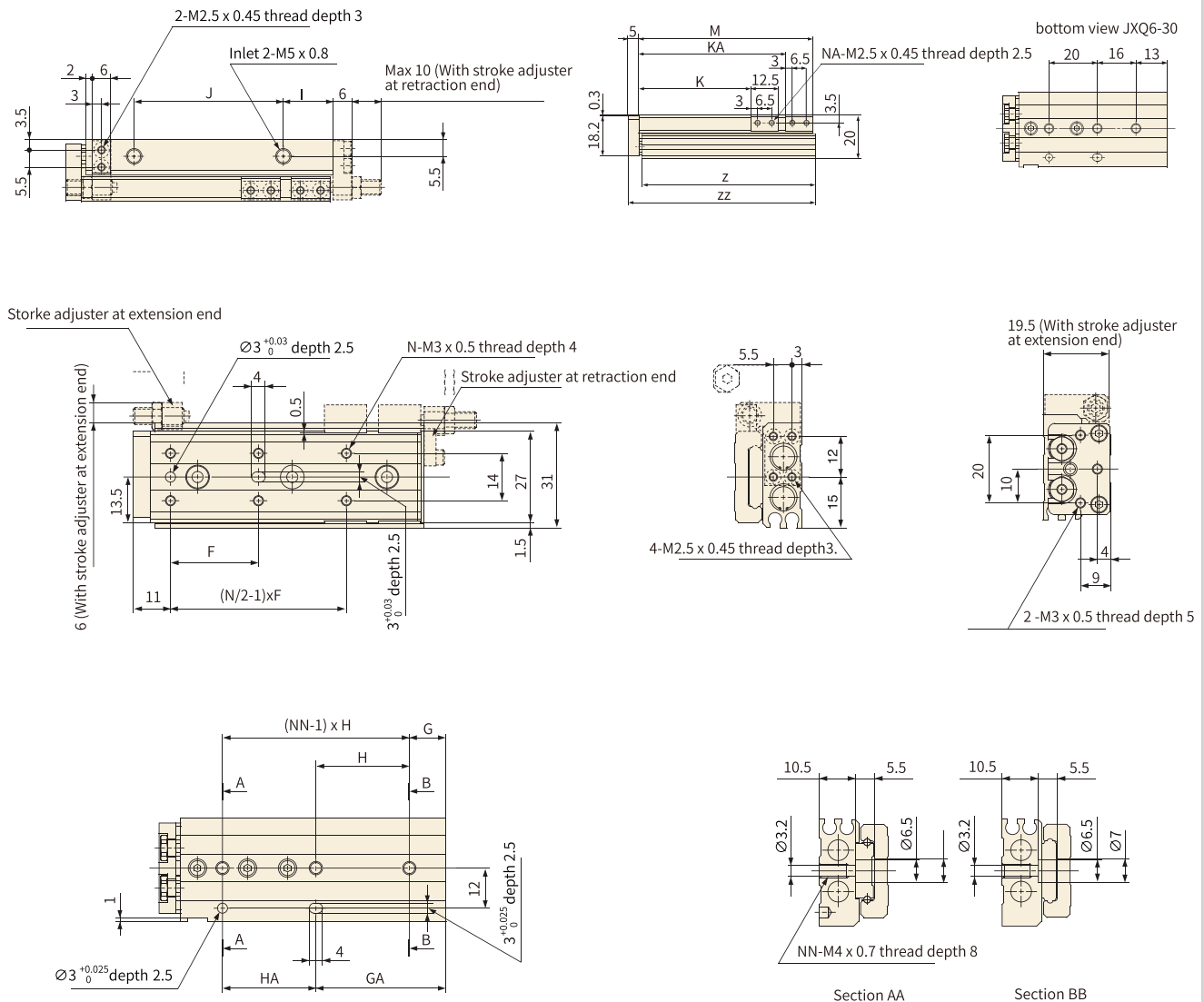
Stroke/Sensor Option

Bore Size(mm)	Standard Stroke	Sensor
6	10,20,30,40,50	JEL-07D
8	10,20,30,40,50,75	
12	10,20,30,40,50,75,100	
16	10,20,30,40,50,75,100,125	
20,25	10,20,30,40,50,75,100,125,150	

[Note] Sensor model please refer to P173 for the specific ordering code.

Overall Dimension

JXQ6



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ6-10	22	4	6	23	2	13	16	9	17	21.5	—	4	42	41.5	48
JXQ6-20	25	4	13	26	2	13	26	9	27	31.5	—	4	52	51.5	58
JXQ6-30	21	6	—	—	3	29	20	9	37	41.5	—	4	62	61.5	68
JXQ6-40	26	6	11	28	3	39	28	16	48	51.5	67.5	8	80	79.5	86
JXQ6-50	27	6	21	28	3	49	28	9	65	61.5	77.5	8	90	89.5	96

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

Sensor

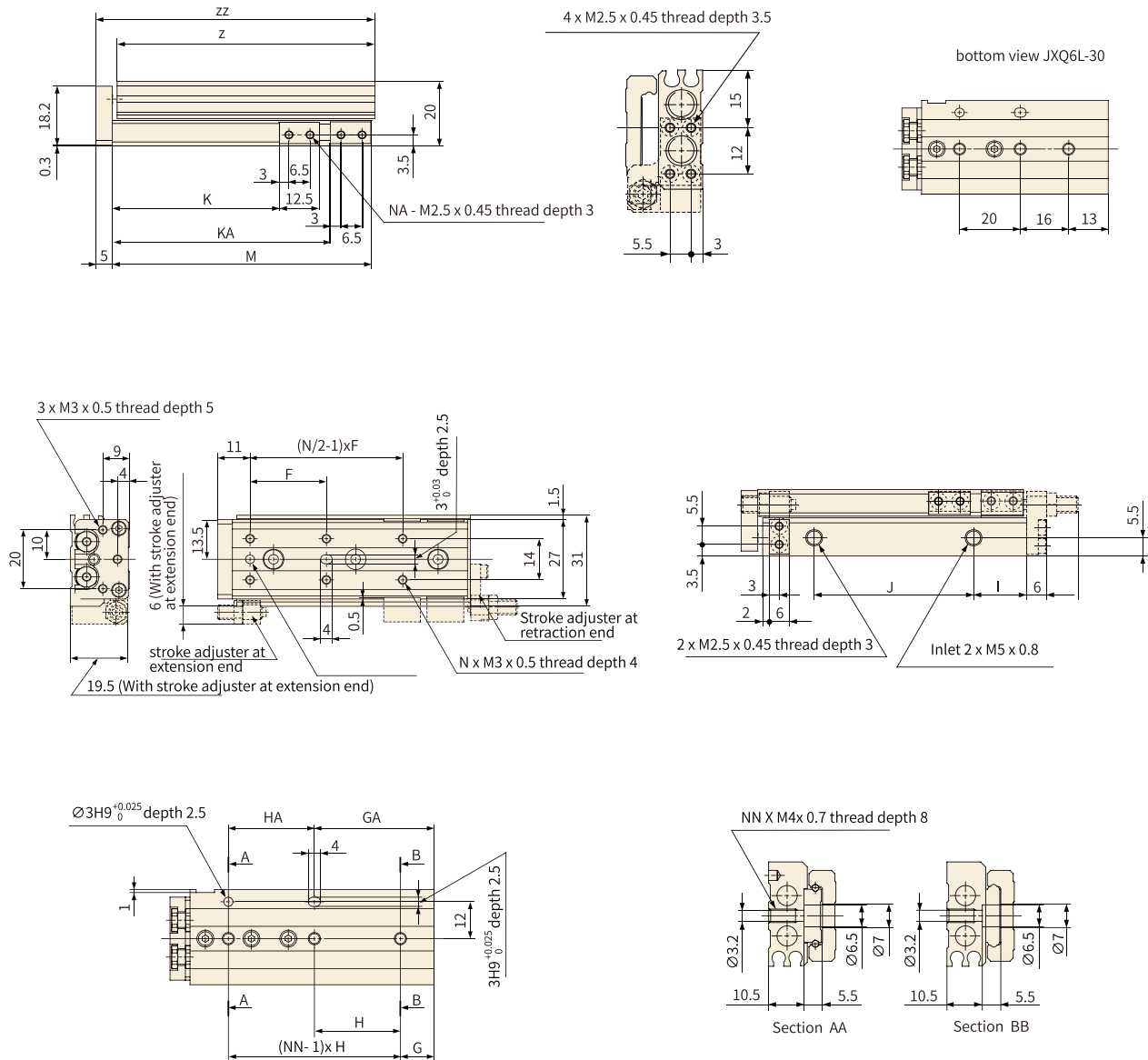
JXQ Series

Slide Table Cylinder(Linear Guide)



Overall Dimension

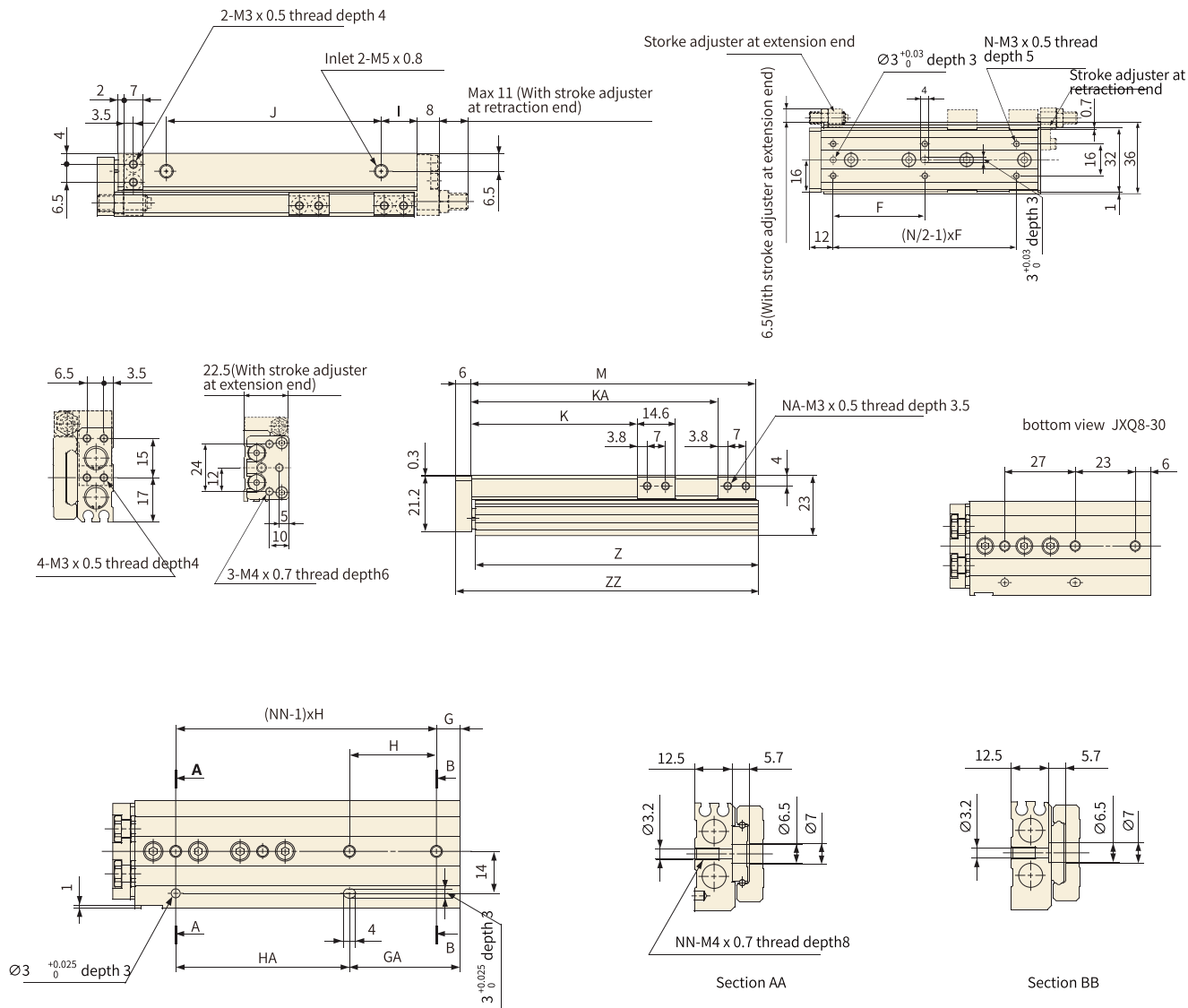
JXQ6L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ6L-10	22	4	6	23	2	13	16	9	17	21.5	—	4	42	41.5	48
JXQ6L-20	25	4	13	26	2	13	26	9	27	31.5	—	4	52	51.5	58
JXQ6L-30	21	6	—	—	3	29	20	9	37	41.5	—	4	62	61.5	68
JXQ6L-40	26	6	11	28	3	39	28	16	48	51.5	67.5	8	80	79.5	86
JXQ6L-50	27	6	21	28	3	49	28	9	65	61.5	77.5	8	90	89.5	96

Overall Dimension

JXQ8



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ8-10	25	4	7	25	2	13	19	11	17	23.5	—	4	46	45.5	53
JXQ8-20	25	4	14	28	2	14	28	10	28	33.5	—	4	56	55.5	63
JXQ8-30	26	6	—	—	3	29	27	12	40	43.5	—	4	70	69.5	77
JXQ8-40	32	6	8	31	3	39	31	14	52	53.5	69.4	8	84	83.5	91
JXQ8-50	46	6	8	29	4	37	58	13	78	63.5	94.4	8	109	108.5	116
JXQ8-75	50	6	31	30	4	61	60	12	105	88.5	120.4	8	135	134.5	142

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

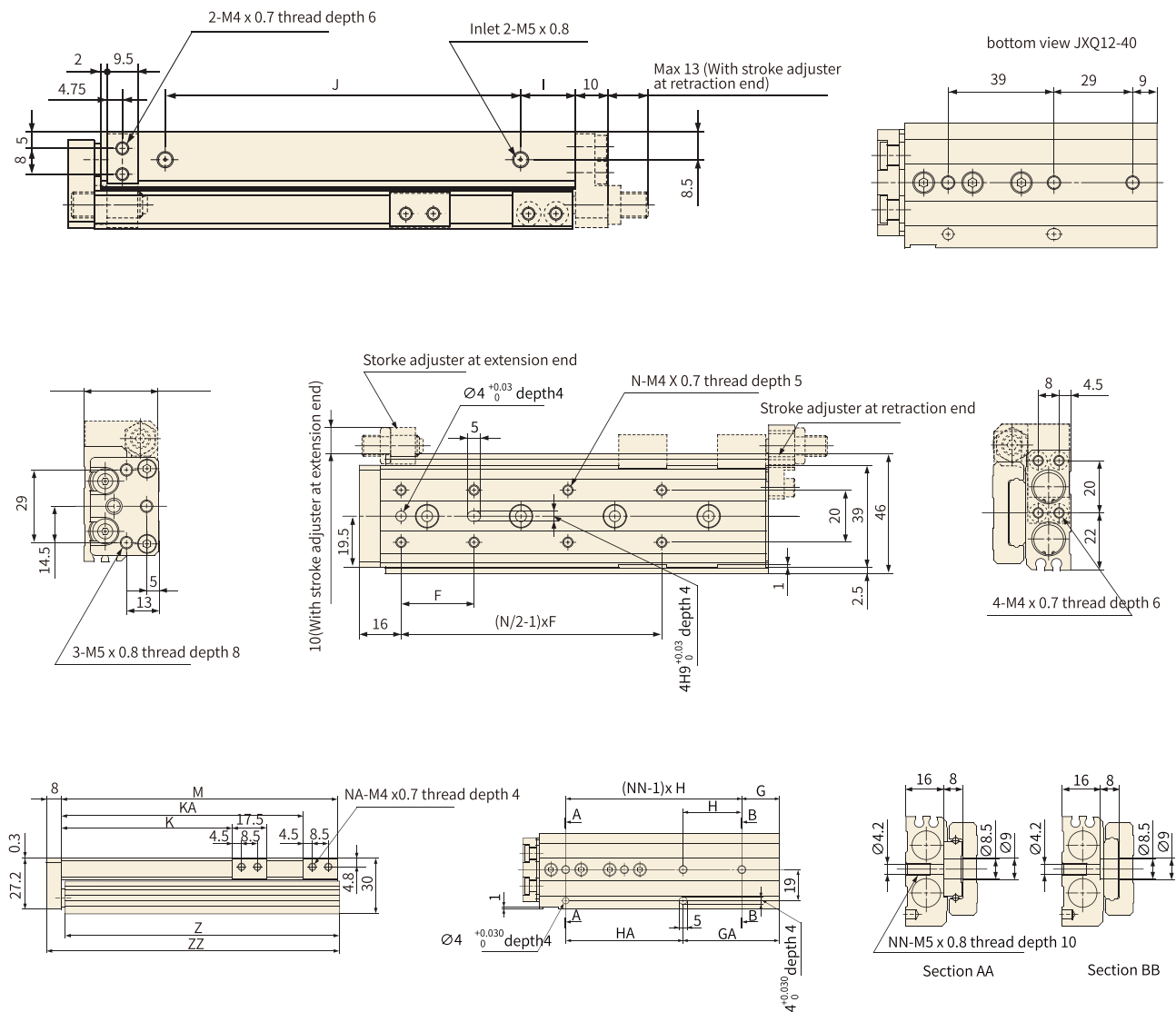
Sensor

JELPC[®]

Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ8L-10	25	4	7	25	2	13	19	11	17	23.5	—	4	46	45.5	53
JXQ8L-20	25	4	14	28	2	14	28	10	28	33.5	—	4	56	55.5	63
JXQ8L-30	26	6	—	—	3	29	27	12	40	43.5	—	4	70	69.5	77
JXQ8L-40	32	6	8	31	3	39	31	14	52	53.5	69.4	8	84	83.5	91
JXQ8L-50	46	6	8	29	4	37	58	13	78	63.5	94.4	8	109	108.5	116
JXQ8L-75	50	6	31	30	4	61	60	12	105	88.5	120.4	8	135	134.5	142

Overall Dimension

JXQ12



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ12-10	28	4	18	32	2	18	32	12	34	27	49	8	67	66	76
JXQ12-20	28	4	18	32	2	18	32	12	34	37	—	4	67	66	76
JXQ12-30	38	4	20	40	2	20	40	14	42	47	—	4	77	76	86
JXQ12-40	34	6	—	—	3	38	39	15	58	57	76	8	94	93	103
JXQ12-50	34	6	9	39	3	48	39	13	70	67	86	8	104	103	113
JXQ12-75	36	8	23	36	4	59	72	17	110	92	130	8	148	147	157
JXQ12-100	36	10	12	36	5	84	72	17	135	117	155	8	173	172	182

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

Sensor

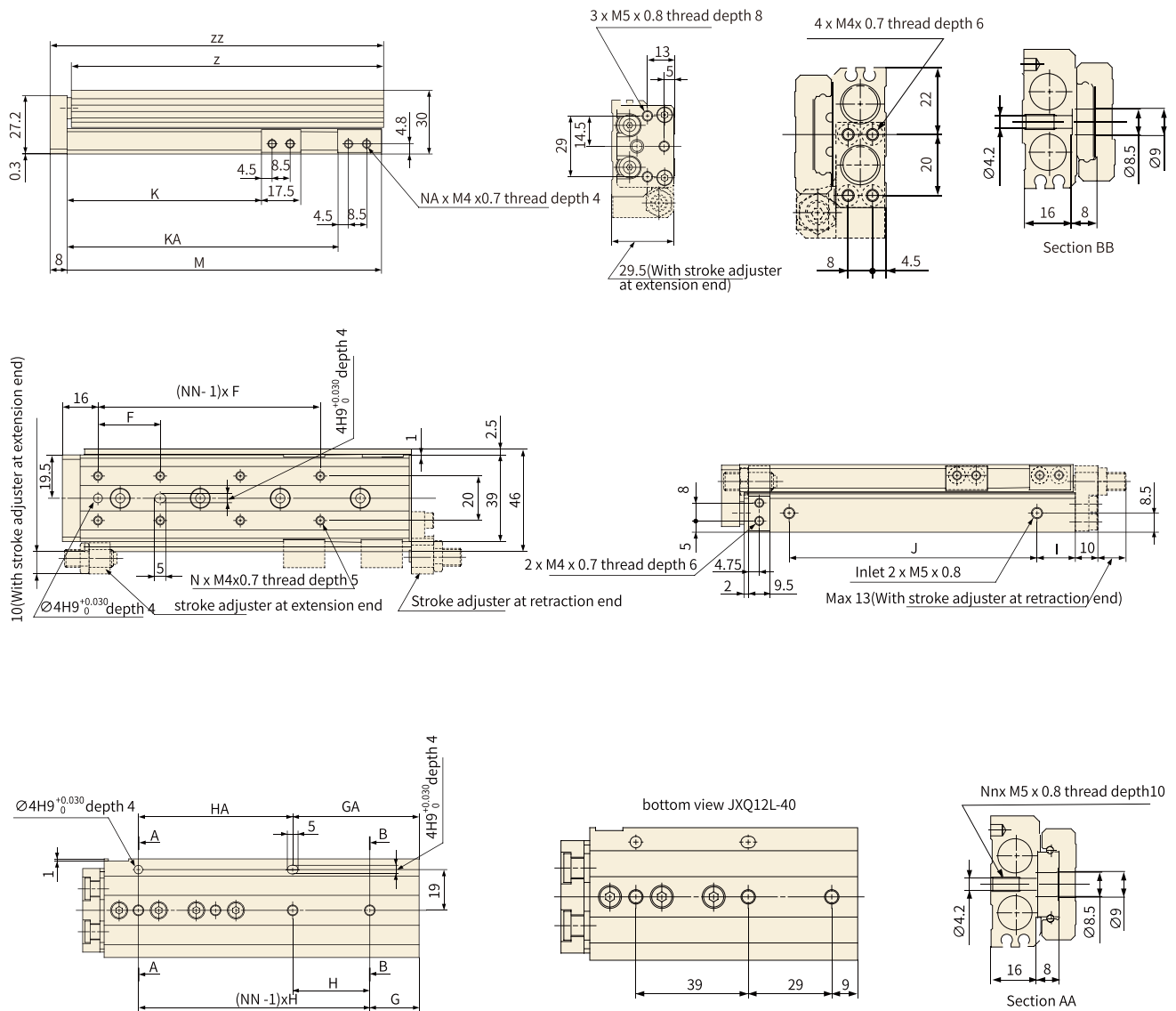
JXQ Series

Slide Table Cylinder(Linear Guide)



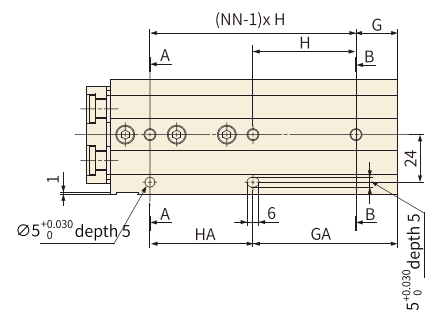
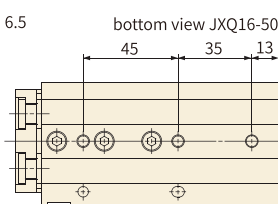
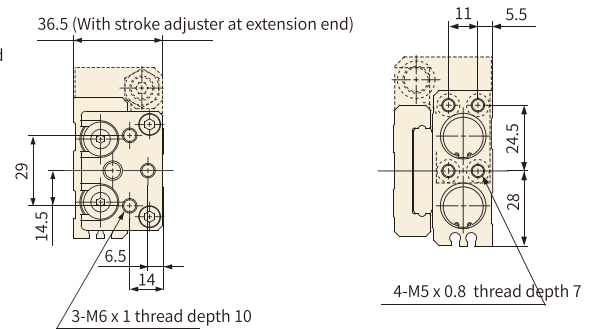
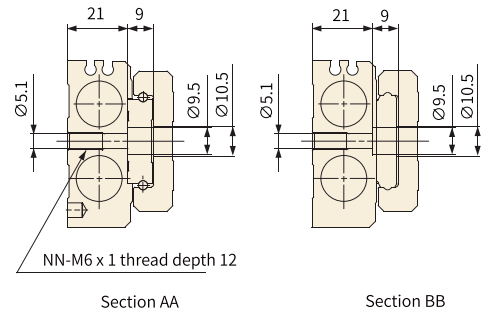
Overall Dimension

JXQ12L



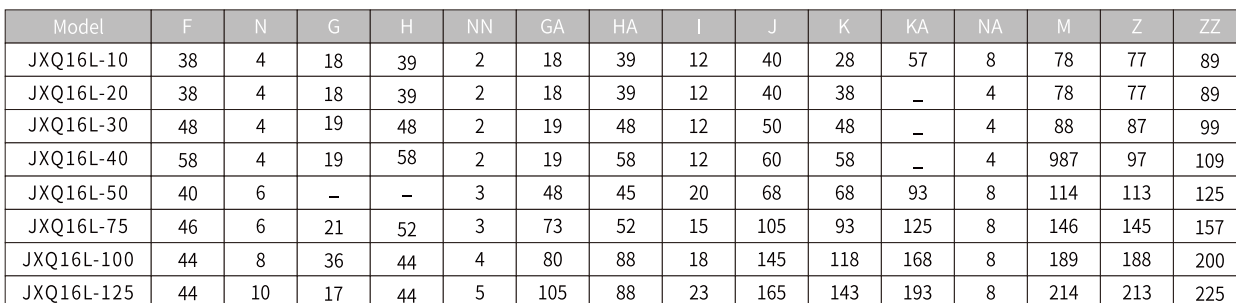
Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ12L-10	28	4	18	32	2	18	32	12	17	27	49	8	67	66	76
JXQ12L-20	28	4	18	32	2	18	32	12	27	37	—	4	67	66	76
JXQ12L-30	38	4	20	40	2	20	40	14	37	47	—	4	77	76	86
JXQ12L-40	34	6	—	—	3	38	39	15	48	57	76	8	94	93	103
JXQ12L-50	34	6	9	39	3	48	39	13	65	67	86	8	104	103	113
JXQ12L-75	36	8	23	36	4	59	72	17	65	92	130	8	148	147	157
JXQ12L-100	36	10	12	36	5	84	72	17	65	117	155	8	173	172	182

 JXQ16



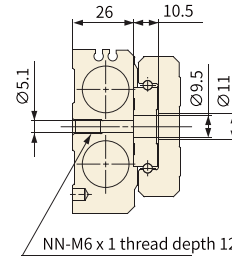
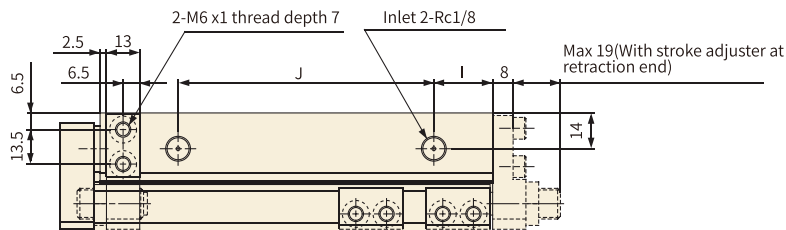
Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ16-10	38	4	18	39	2	18	39	12	40	28	57	8	78	77	89
JXQ16-20	38	4	18	39	2	18	39	12	40	38	—	4	78	77	89
JXQ16-30	48	4	19	48	2	19	48	12	50	48	—	4	88	87	99
JXQ16-40	58	4	19	58	2	19	58	12	60	58	—	4	987	97	109
JXQ16-50	40	6	—	—	3	48	45	20	68	68	93	8	114	113	125
JXQ16-75	46	6	21	52	3	73	52	15	105	93	125	8	146	145	157
JXQ16-100	44	8	36	44	4	80	88	18	145	118	168	8	189	188	200
JXQ16-125	44	10	17	44	5	105	88	23	165	143	193	8	214	213	225

JXQ16L

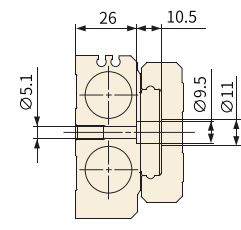


Overall Dimension

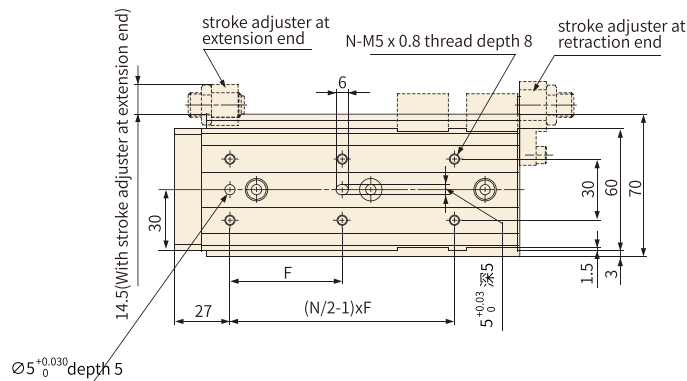
JXQ20



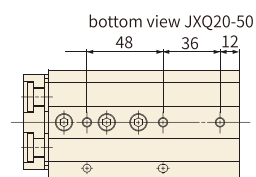
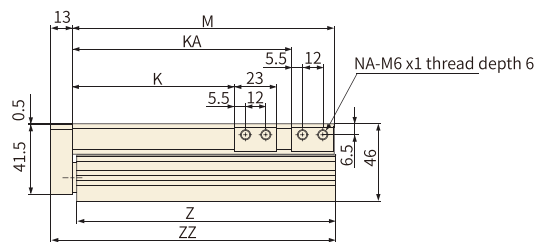
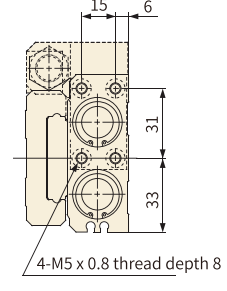
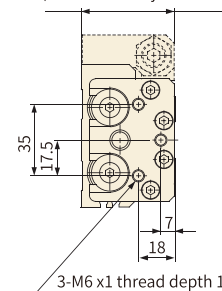
Section AA



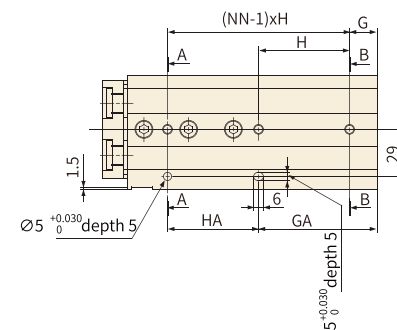
Section BB



45.5(With stroke adjuster at extension end)



bottom view JXQ20-50



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ20-10	45	4	22	46	2	18	50	16	46	32	70	8	94	92.5	108
JXQ20-20	40	4	22	46	2	18	50	16	46	42	70	8	94	92.5	108
JXQ20-30	48	4	22	46	2	18	50	16	46	52	—	4	94	92.5	108
JXQ20-40	58	4	22	56	2	22	56	16	56	62	—	4	104	102.5	118
JXQ20-50	42	6	—	—	3	48	48	18	72	72	98	8	122	120.5	136
JXQ20-75	55	6	17	56	3	73	56	23	100	97	131	8	155	153.5	169
JXQ20-100	50	8	18	56	4	74	112	25	155	122	188	8	212	210.5	226
JXQ20-125	55	8	37	59	4	96	118	18	190	147	216	8	240	238.5	254
JXQ20-150	62	8	56	62	4	118	124	21	215	172	244	8	268	266.5	282

Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

JGP

JSQB

Sensor

JXQ Series

Slide Table Cylinder(Linear Guide)



Cylinder

Calculation

SI

SI A.

SIB

SQ

DNT

SC/SU

SCT

SC A.

DN

DSN

DN/DSN A.

MA

MAC

MA/MAC A.

MAL

MALC

MAL/MALC A.

SDA

CQ2

TCQ2

ADN

TADN

PPRM

JHL2

JHF2

JHZ2

JHY2

JHC2

JXH

JXQ

JXS

TN

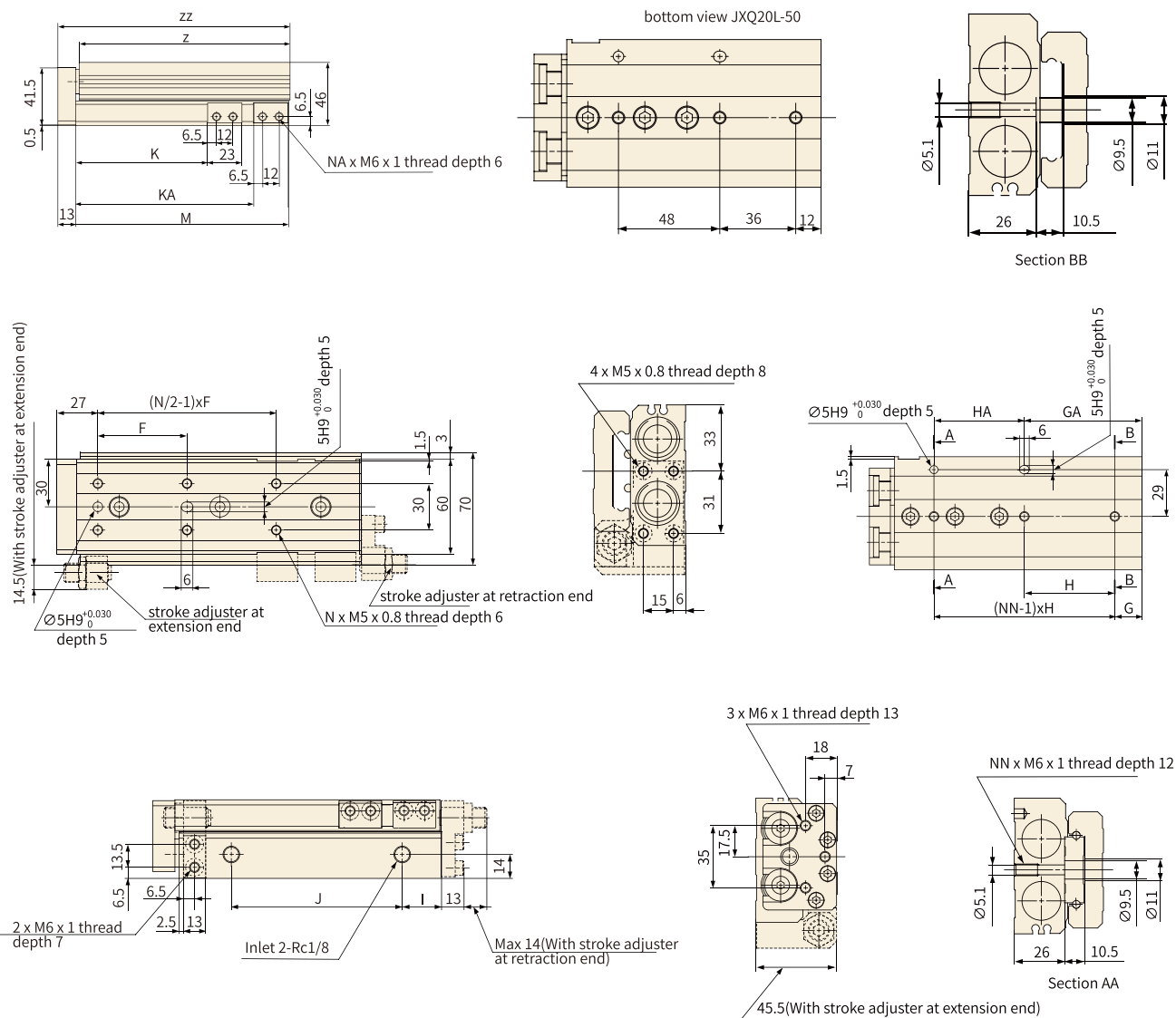
JGP

JSQB

Sensor

Overall Dimension

JXQ20L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ20L-10	45	4	22	46	2	18	50	16	46	32	70	8	94	92.5	108
JXQ20L-20	40	4	22	46	2	18	50	16	46	42	70	8	94	92.5	108
JXQ20L-30	48	4	22	46	2	18	50	16	46	52	—	4	94	92.5	108
JXQ20L-40	58	4	22	56	2	22	56	16	56	62	—	4	104	102.5	118
JXQ20L-50	42	6	—	—	3	48	48	18	72	72	98	8	122	120.5	136
JXQ20L-75	55	6	17	56	3	73	56	23	100	97	131	8	155	153.5	169
JXQ20L-100	50	8	18	56	4	74	112	25	155	122	188	8	212	210.5	226
JXQ20L-125	55	8	37	59	4	96	118	18	190	147	216	8	240	238.5	254
JXQ20L-150	62	8	56	62	4	118	124	21	215	172	244	8	268	266.5	282

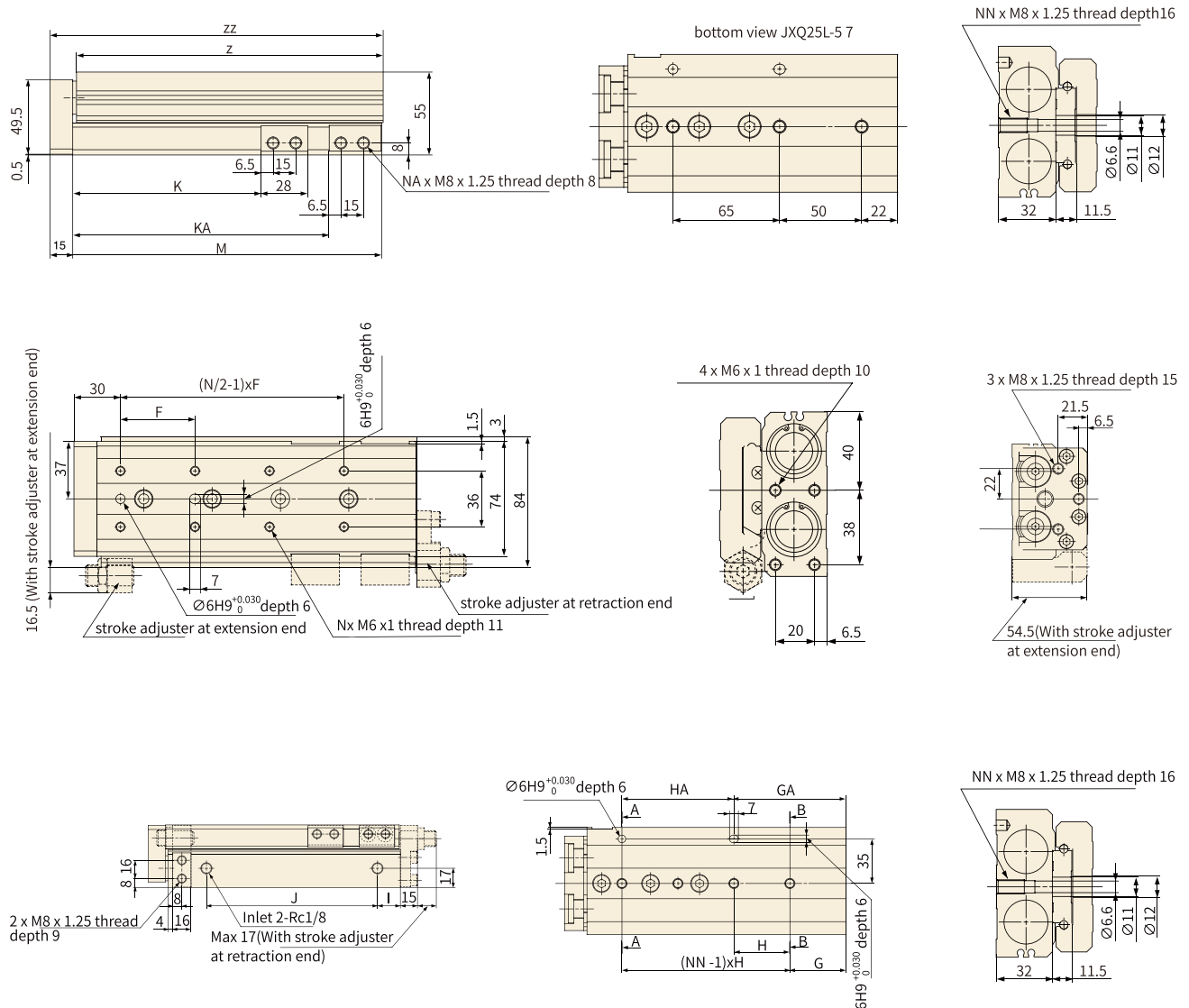
JXQ Series

Slide Table Cylinder(Linear Guide)



Overall Dimension

JXQ25L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXQ25L-10	55	4	23	55	2	23	55	16	56	36.5	77.5	8	107	105.5	123
JXQ25L-20	46	4	23	55	2	23	55	16	56	46.5	77.5	8	107	105.5	123
JXQ25L-30	55	4	23	55	2	23	55	16	56	56.5	—	4	107	105.5	123
JXQ25L-40	65	4	23	65	2	23	65	16	66	66.5	—	4	117	115.5	133
JXQ25L-50	75	4	32	80	2	32	80	16	90	76.5	111.5	8	141	139.5	157
JXQ25L-75	60	6	—	—	3	72	65	31	100	101.5	136.5	8	166	164.5	182
JXQ25L-100	48	8	44	44	4	88	88	20	150	126.5	175.5	8	205	203.5	221
JXQ25L-125	60	8	31	66	4	97	132	18	205	151.5	228.5	8	258	256.5	274
JXQ25L-150	65	8	56	66	4	122	132	18	230	176.5	253.5	8	283	281.5	299