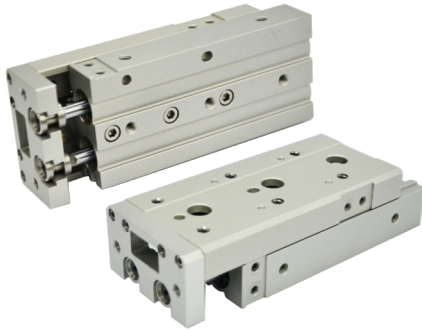


JXS Series

Specification



Bore Size(mm)	6	8	12	16	20	25
	φ6x2 amount to φ8	φ8x2 amount to φ11	φ12x2 amount to φ17	φ16x2 amount to φ22	φ20x2 amount to φ28	φ25x2 amount to φ35
Working Medium	Air					
Operation	Double acting					
Max. Operating Pressure	0.7MPa					
Min. Operating Pressure	0.15MPa					
Ambient And Fluid Temperature	-10~+60°C (with no condensation)					
Piston Velocity	50~500mm/s					
Cushing	Rubber buffer on both ends					
Lubrication	Turbine oil No.1 ISOVG32					
Piping Size	M3×0.5	M5×0.8			1/8	

Feature

1. Double cylinder design, double power output, thin volume
2. The combination of cylinder and worktable reduces the overall size
3. Use cross roller design, low friction, without gap between cylinder and working table, suitable precision installation
4. Can be mounted from three directions
5. Built-in magnetic ring, can be installed sensor
6. Stroke adjusters are available (0~5mm), djuster on extension end/retraction end/both ends

Selection Reference Table (Double Cylinder Design)

Bore Size (mm)	Operating Direction	Piston 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	529

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

JXS Series

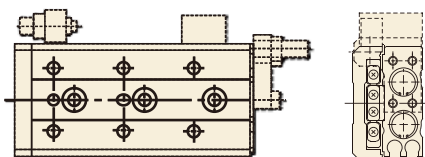
Air Slide Table Cylinder (Cross Roller Type)



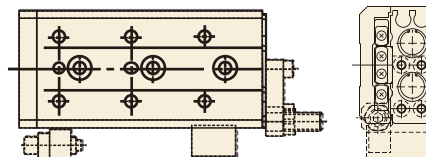
Cylinder
Calculation
SI
SI A.
SIB
SQ
DNT
SC/SU
SCT
SC A.
DN
DSN
DN/DSN A.
MA
MAC
MA/MAC A.
MAL
MALC
MAL/MALC A.
SDA
CQ2
TCQ2
ADN
TADN
PPRM
JHL2
JHF2
JHZ2
JHY2
JHC2
JXH
JXQ
JXS
TN
JGP
JSQB
Sensor

Ordering Code

Standard Type (Nil)



Symmetric Type (with L)



JXS 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

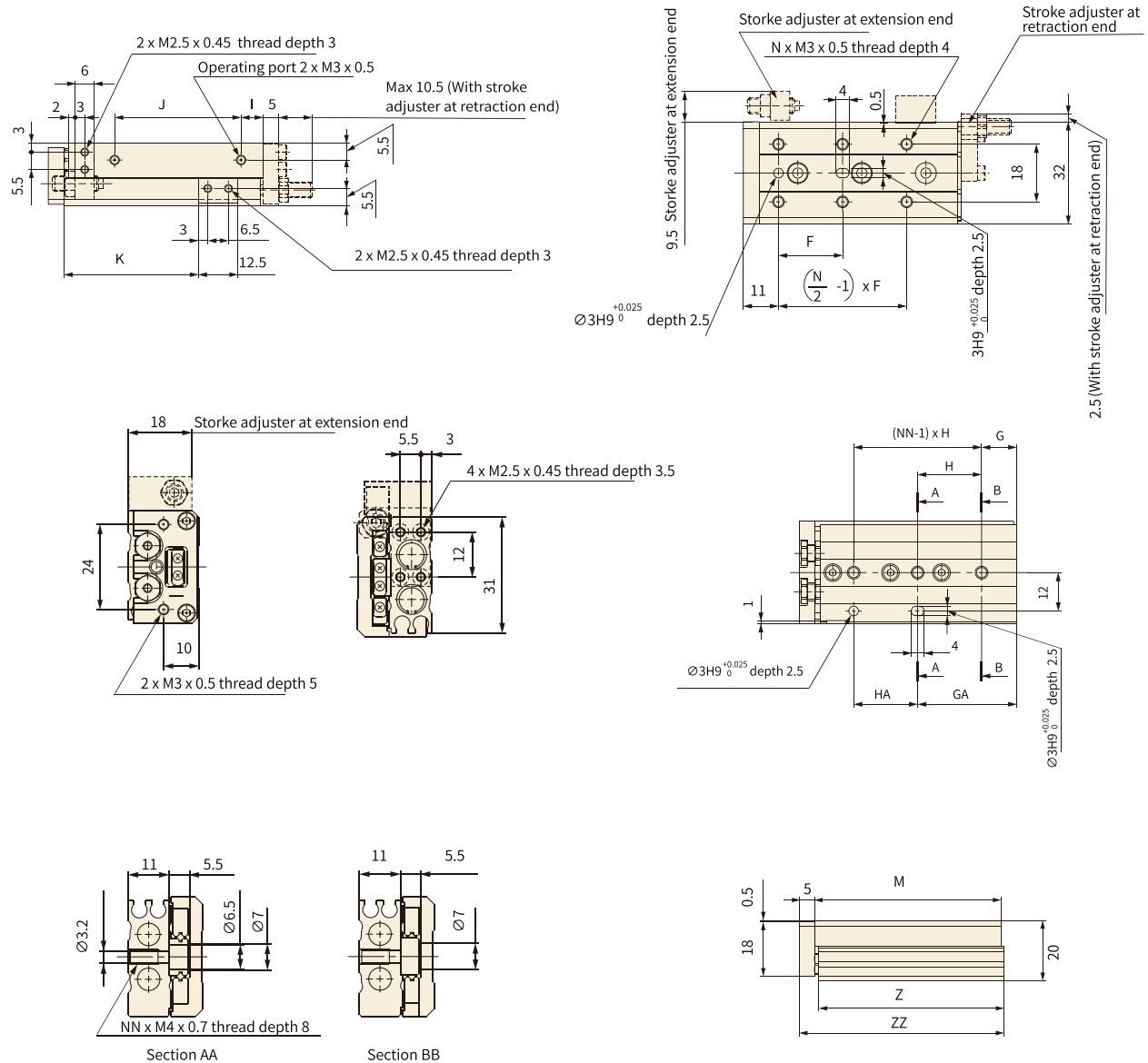
Sensor option

Bore Size	Stroke									Function Optional	Sensor
	10	20	30	40	50	75	100	125	150	Stroke Adjuster	Direct Mounting
Ø6×2	●	●	●	●	●					●	JEL-07D
Ø8×2	●	●	●	●	●	●				●	
Ø12×2	●	●	●	●	●	●	●			●	
Ø16×2	●	●	●	●	●	●	●	●		●	
Ø20×2	●	●	●	●	●	●	●	●	●	●	
Ø25×2	●	●	●	●	●	●	●	●	●	●	

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

Overall Dimension

JXS6



Model	F	N	G	H	NN	GA	HA	I	J	K	M	Z	ZZ
JXS6-10	20	4	6	25	2	11	20	10	17	22.5	42	41.5	48
JXS6-20	30	4	6	35	2	21	20	10	27	32.5	52	51.5	58
JXS6-30	20	6	11	20	3	31	20	7	40	42.5	62	61.5	68
JXS6-40	28	6	13	30	3	43	30	19	50	52.5	84	83.5	90
JXS6-50	38	6	17	24	4	41	48	25	60	62.5	100	99.5	106

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

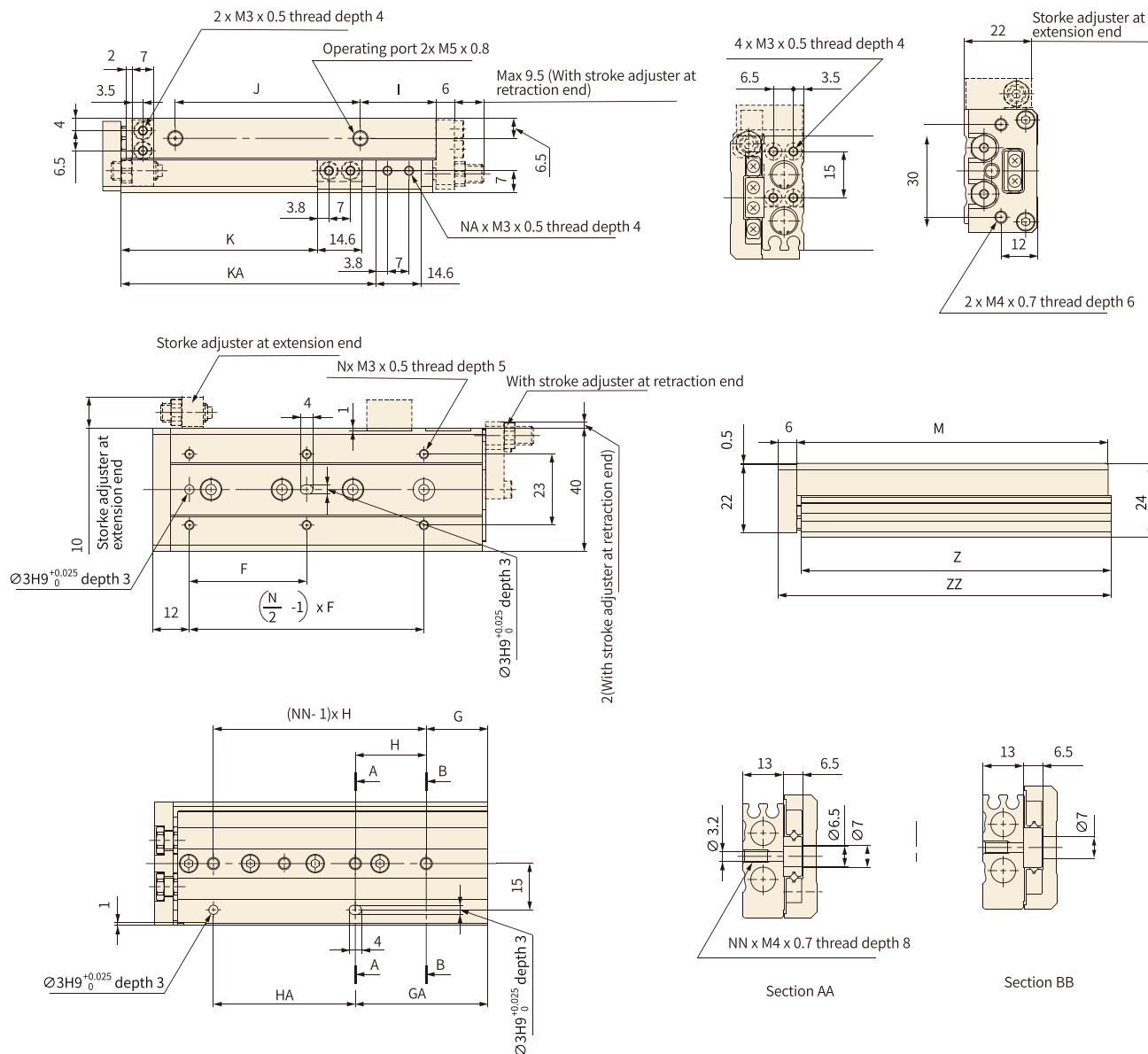
JXS Series

Air Slide Table Cylinder (Cross Roller Type)



Overall Dimension

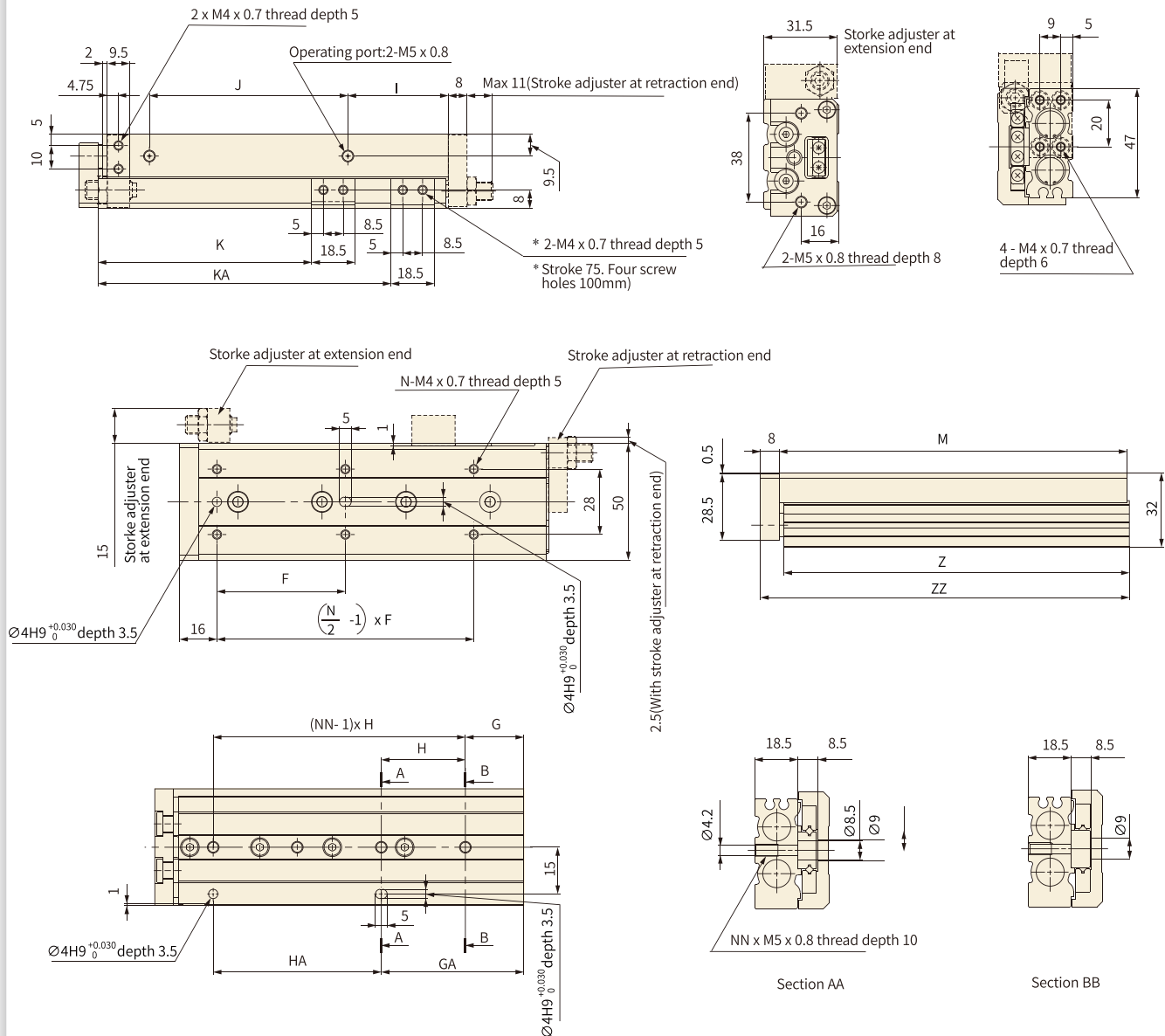
JXS8



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS8-10	25	4	9	28	2	17	20	13	20	23.5	—	2	49	48.5	56
JXS8-20	30	4	12	30	2	12	30	8.5	29.5	33.5	—	2	54	53.5	61
JXS8-30	40	4	13	20	3	33	20	9.5	439	43.5	—	2	65	64.5	72
JXS8-40	50	6	15	28	3	43	28	10.5	56	53.5	—	2	83	82.5	90
JXS8-50	38	6	20	23	4	43	46	24.5	60	63.5	82.5	4	101	100.5	108
JXS8-75	50	6	27	28	5	83	56	38.5	96	88.5	132.5	4	151	150.5	158

Overall Dimension

JXS12



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS12-10	25	4	15	40	2	15	40	10	40	26.5	—	2	71	70	80
JXS12-20	35	4	15	40	2	15	40	10	40	36.5	—	2	71	70	80
JXS12-30	35	4	15	40	2	15	40	10	40	46.5	—	2	71	70	80
JXS12-40	50	6	17	25	3	42	25	10	52	56.5	—	2	83	82.5	92
JXS12-50	35	6	15	36	3	51	36	22	60	66.5	—	2	103	102	112
JXS12-75	55	6	25	36	4	61	72	43	85	91.5	125.5	4	149	148	158
JXS12-100	65	6	35	38	5	111	76	52	130	116.5	179.5	4	203	202	212

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

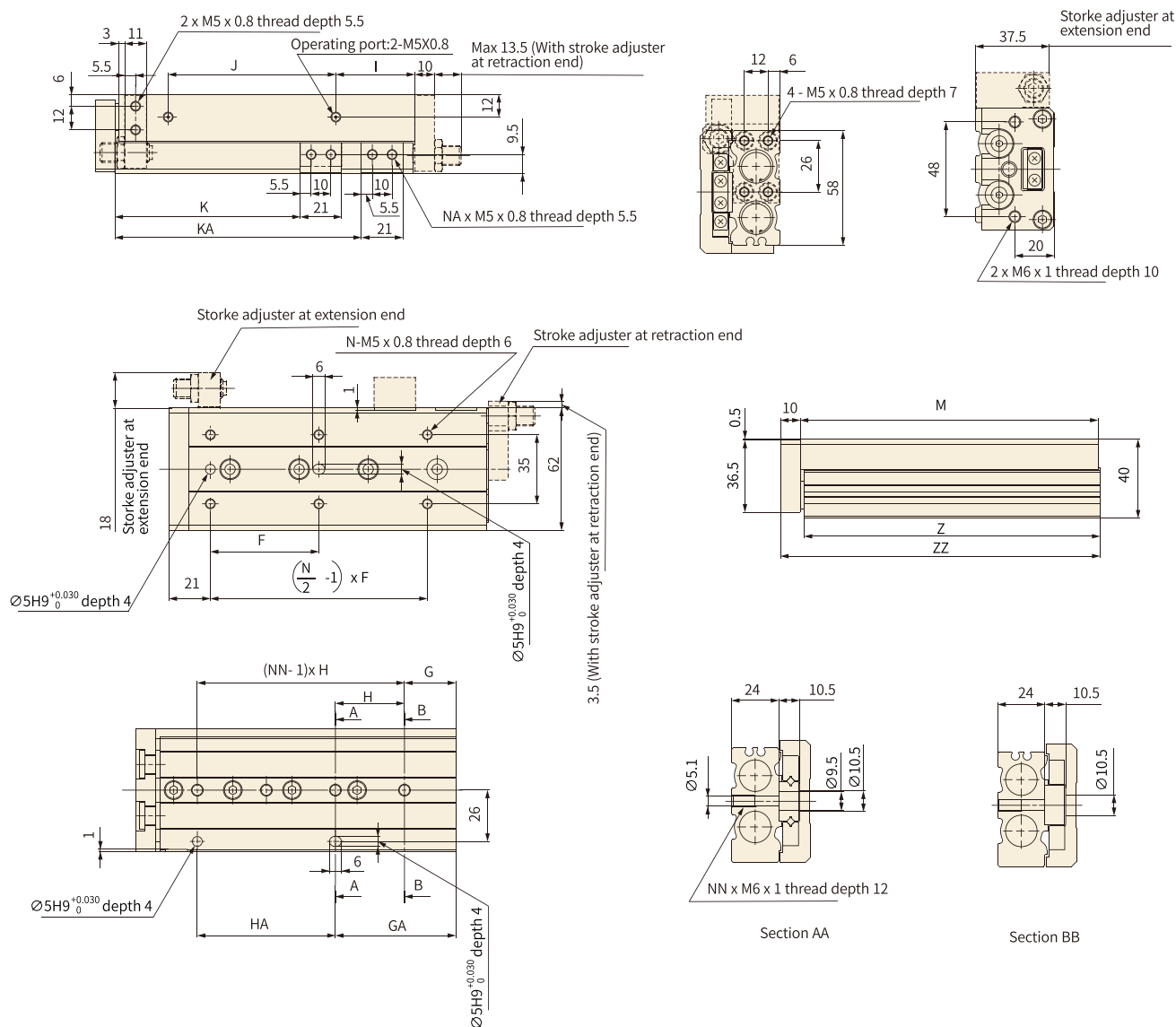
JXS Series

Air Slide Table Cylinder (Cross Roller Type)



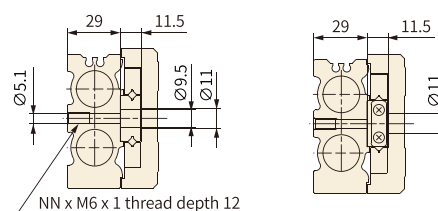
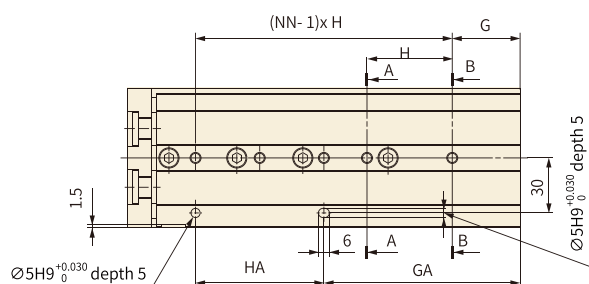
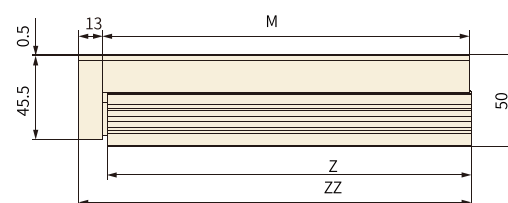
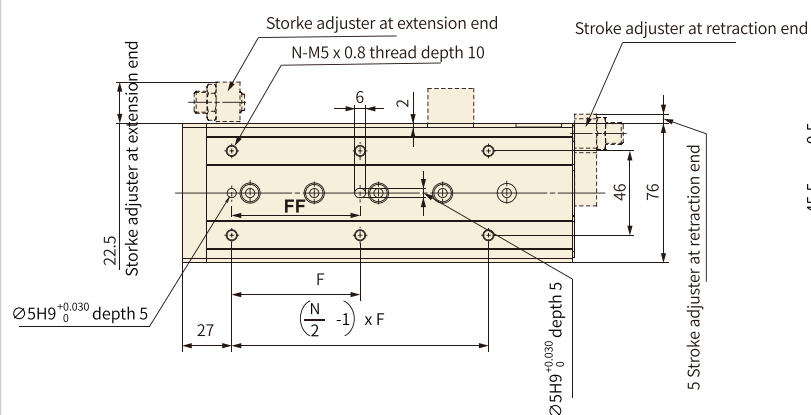
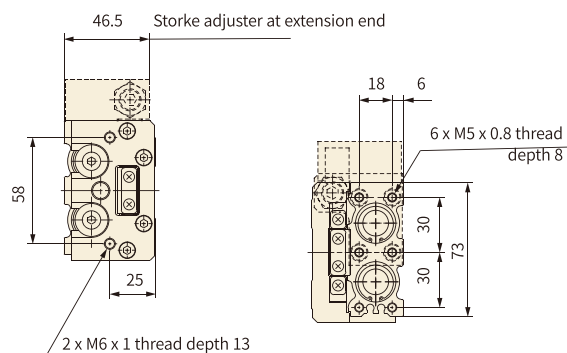
Overall Dimension

JXS16



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS16-10	35	4	16	40	2	16	40	10	40	29	—	2	76	75	87
JXS16-20	35	4	16	40	2	16	40	10	40	39	—	2	76	75	87
JXS16-30	35	4	16	40	2	16	40	10	40	49	—	2	76	75	87
JXS16-40	40	4	16	50	3	16	50	10	50	59	—	2	86	75	97
JXS16-50	30	6	21	30	3	51	30	15	60	69	—	2	101	100	112
JXS16-75	55	6	26	35	4	61	70	40	85	94	125	4	151	150	162
JXS16-100	65	6	39	35	5	109	70	55	118	119	173	4	199	198	210
JXS16-125	70	8	19	35	7	159	70	68	155	144	223	4	249	248	260

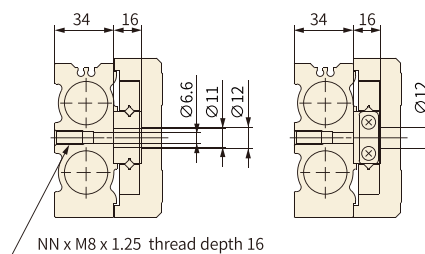
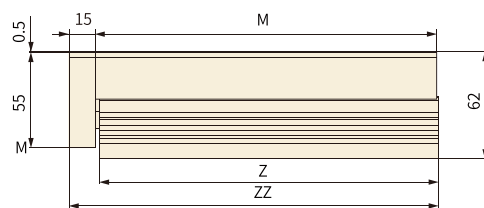
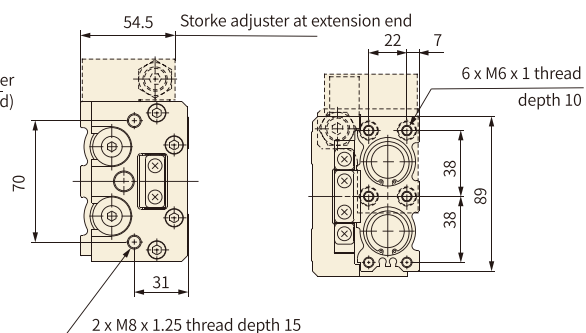
JXS20



Section BB

Model	F	FF	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS20-10	50	40	4	15	45	2	25	35	10	44	31	—	2	83	81.5	97
JXS20-20	50	40	4	15	45	2	25	35	10	44	41	—	2	83	81.5	97
JXS20-30	50	40	4	15	45	2	25	35	10	44	51	—	2	83	81.5	97
JXS20-40	60	50	4	15	55	3	35	35	10	54	61	—	2	93	91.5	107
JXS20-50	35	35	6	45	35	3	50	35	10	69	71	—	2	108	106.5	122
JXS20-75	60	60	6	19	35	4	54	70	10	108	96	—	2	147	145.5	161
JXS20-100	70	70	6	37	35	5	107	70	58	113	121	169	4	200	198.5	214
JXS20-125	70	70	8	41	38	6	155	76	70	155	146	223	4	254	152.5	268
JXS20-150	80	80	8	19	44	7	195	88	87	190	171	275	4	306	304.5	320

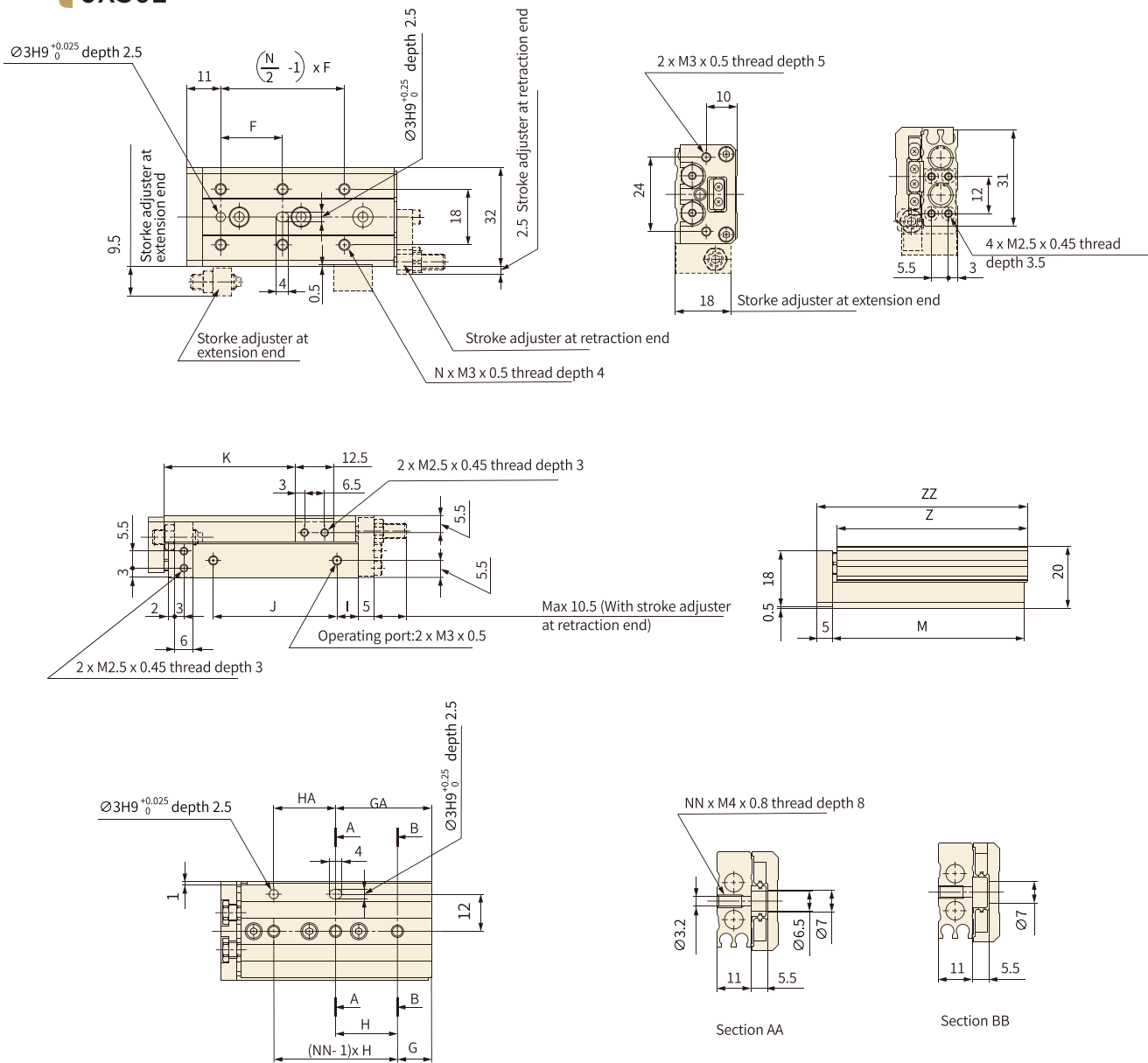
JXS25



Section BB

Overall Dimension

JXS6L



Model	F	N	G	H	NN	GA	HA	I	J	K	M	Z	ZZ
JXS6-10	20	4	6	25	2	11	20	10	17	22.5	42	41.5	48
JXS6-20	30	4	6	35	2	21	20	10	27	32.5	52	51.5	58
JXS6-30	20	6	11	20	3	31	20	7	40	42.5	62	61.5	68
JXS6-40	28	6	13	30	3	43	30	19	50	52.5	84	83.5	90
JXS6-50	38	6	17	24	4	41	48	25	60	62.5	100	99.5	106

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

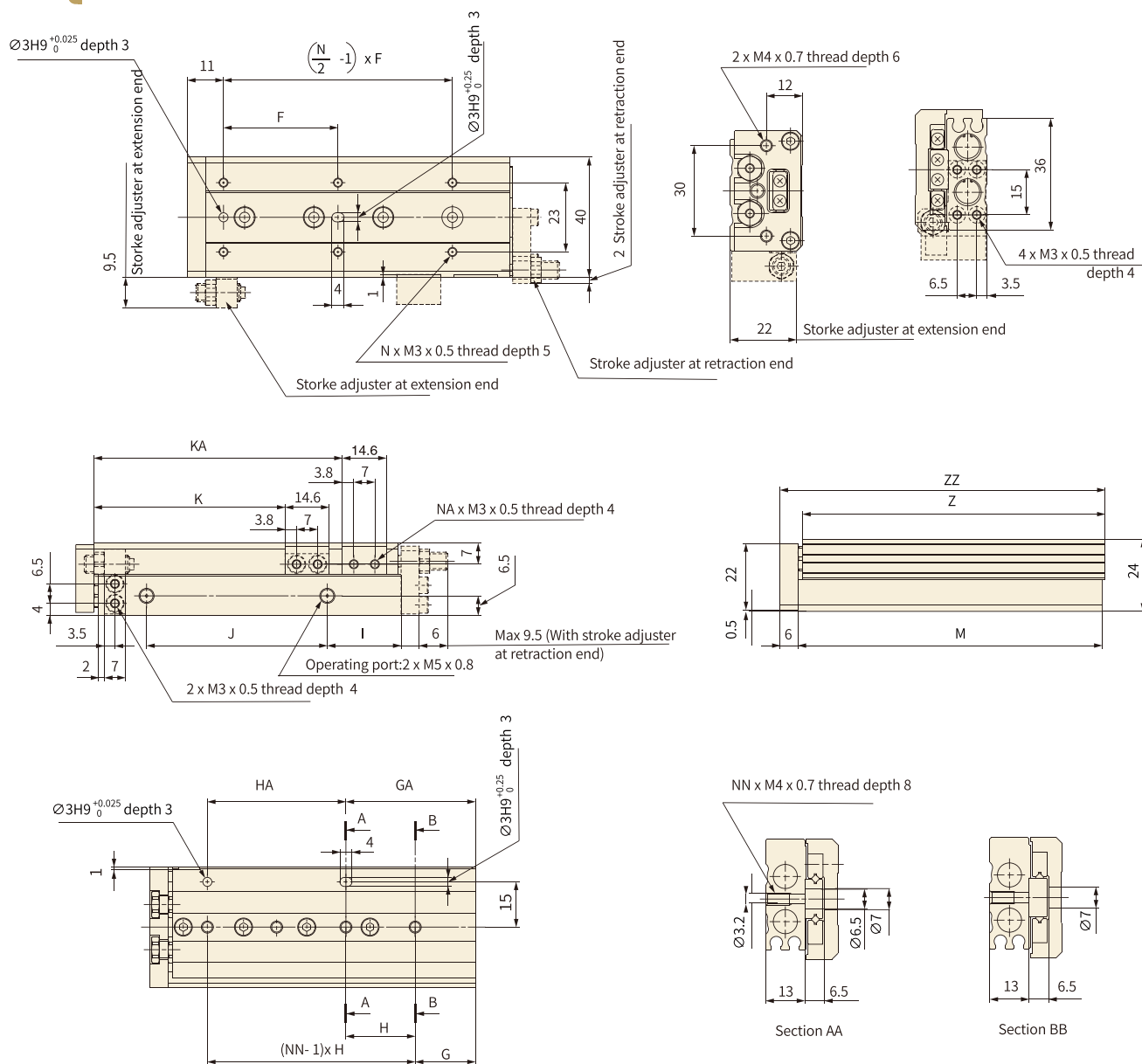
JXS Series

Air Slide Table Cylinder (Cross Roller Type)



Overall Dimension

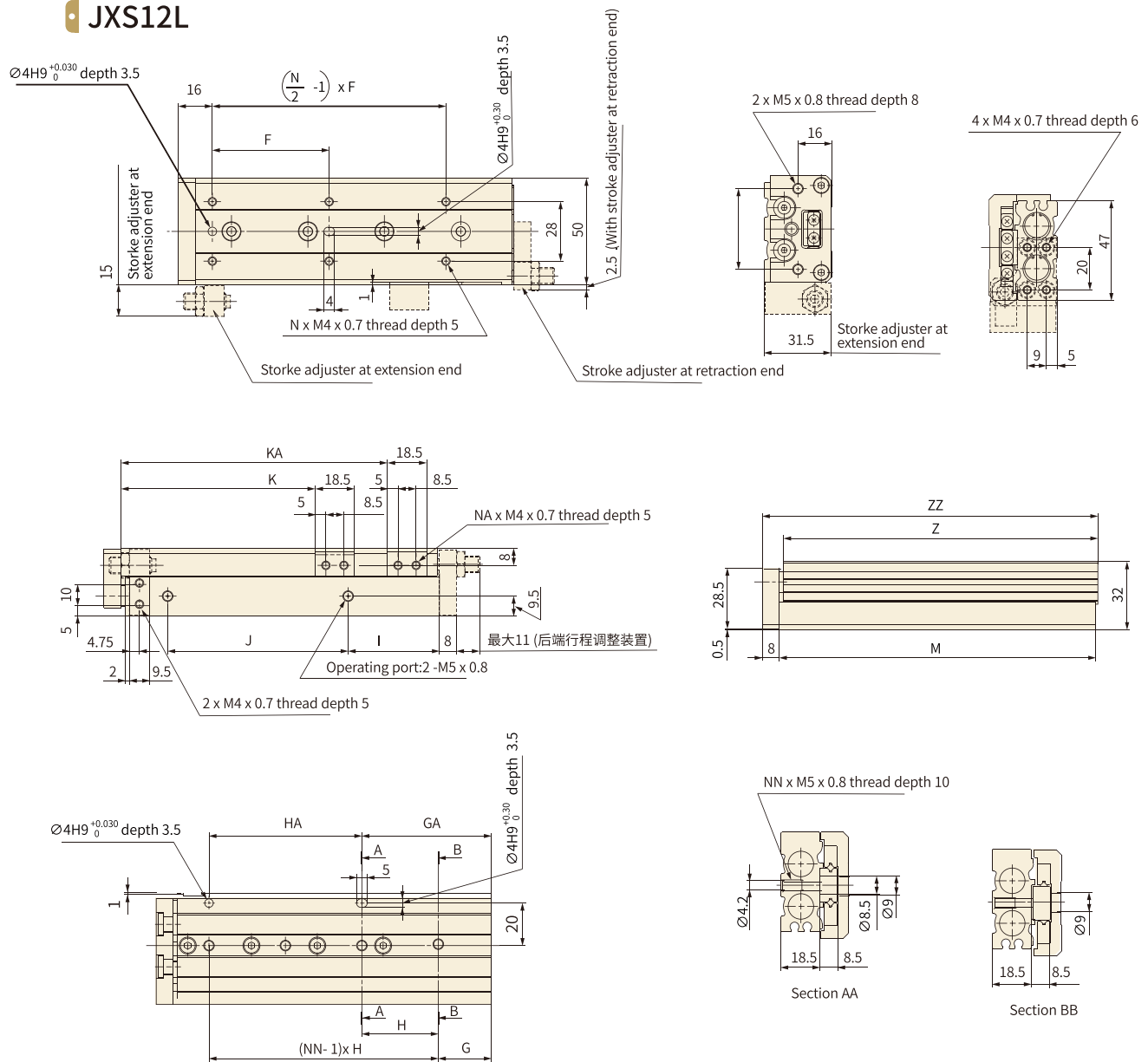
JXS8L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS8-10	25	4	9	28	2	17	20	13	20	23.5	—	2	49	48.5	56
JXS8-20	30	4	12	30	2	12	30	8.5	29.5	33.5	—	2	54	53.5	61
JXS8-30	40	4	13	20	3	33	20	9.5	439	43.5	—	2	65	64.5	72
JXS8-40	50	6	15	28	3	43	28	10.5	56	53.5	—	2	83	82.5	90
JXS8-50	38	6	20	23	4	43	46	24.5	60	63.5	82.5	4	101	100.5	108
JXS8-75	50	6	27	28	5	83	56	38.5	96	88.5	132.5	4	151	150.5	158

Overall Dimension

JXS12L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS12-10	25	4	15	40	2	15	40	10	40	26.5	—	2	71	70	80
JXS12-20	35	4	15	40	2	15	40	10	40	36.5	—	2	71	70	80
JXS12-30	35	4	15	40	2	15	40	10	40	46.5	—	2	71	70	80
JXS12-40	50	6	17	25	3	42	25	10	52	56.5	—	2	83	82.5	92
JXS12-50	35	6	15	36	3	51	36	22	60	66.5	—	2	103	102	112
JXS12-75	55	6	25	36	4	61	72	43	85	91.5	125.5	4	149	148	158
JXS12-100	65	6	35	38	5	111	76	52	130	116.5	179.5	4	203	202	212

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

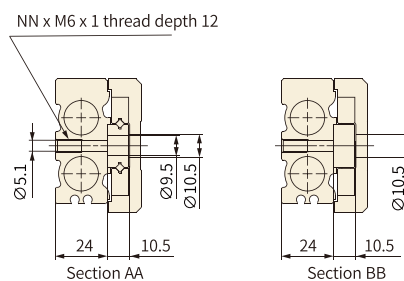
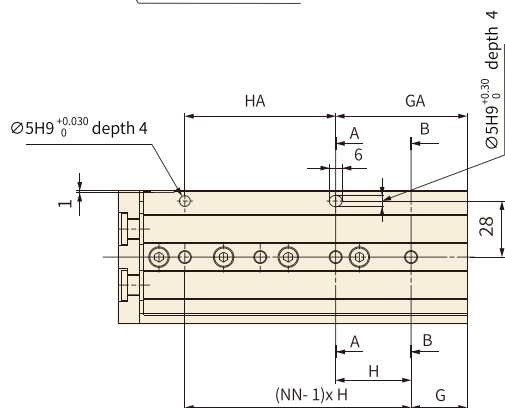
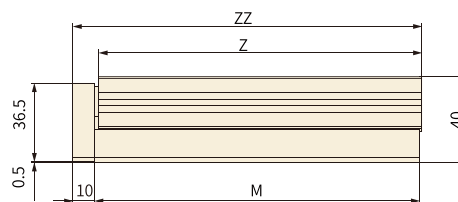
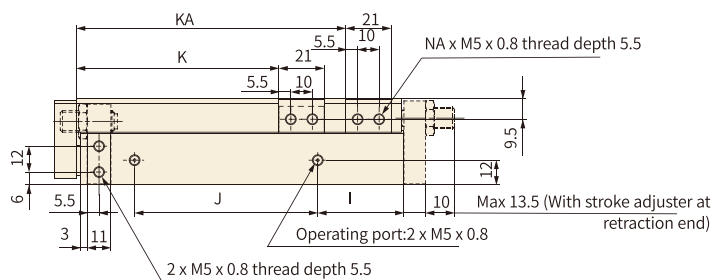
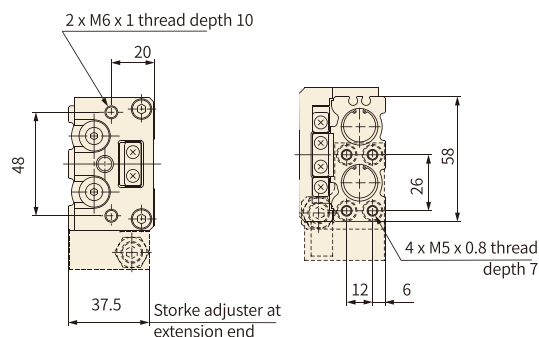
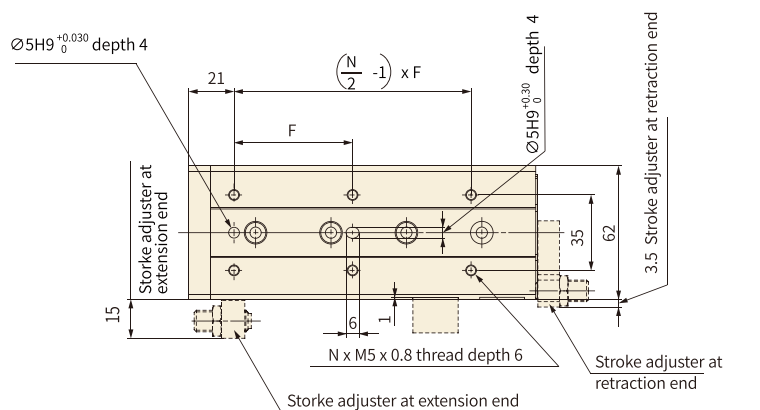
JXS Series

Air Slide Table Cylinder (Cross Roller Type)



Overall Dimension

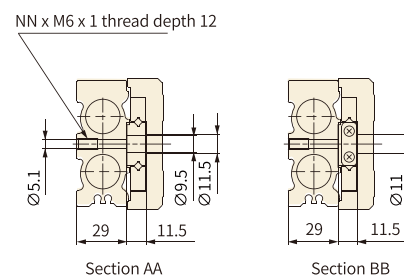
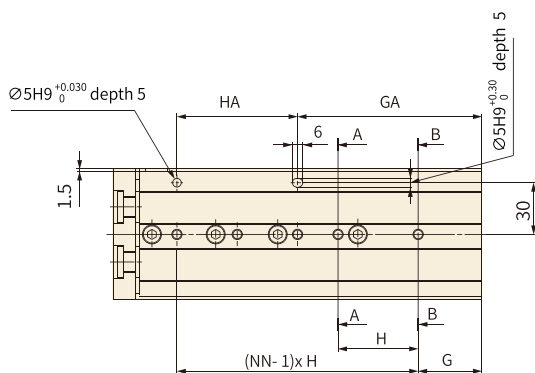
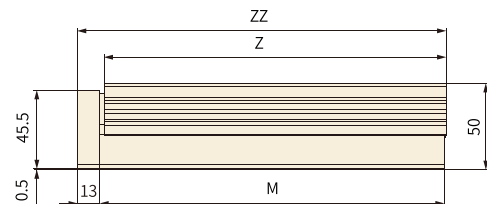
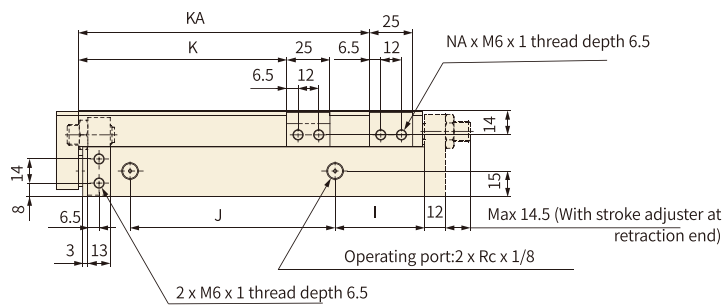
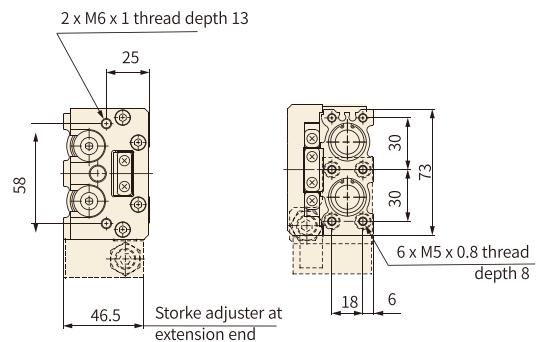
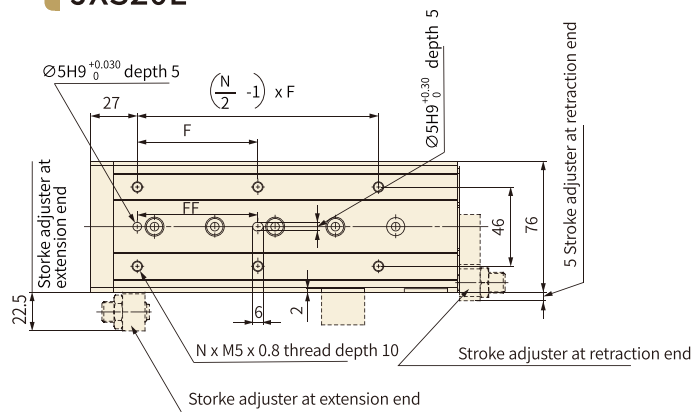
JXS16L



Model	F	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS16-10	35	4	16	40	2	16	40	10	40	29	—	2	76	75	87
JXS16-20	35	4	16	40	2	16	40	10	40	39	—	2	76	75	87
JXS16-30	35	4	16	40	2	16	40	10	40	49	—	2	76	75	87
JXS16-40	40	4	16	50	3	16	50	10	50	59	—	2	86	75	97
JXS16-50	30	6	21	30	3	51	30	15	60	69	—	2	101	100	112
JXS16-75	55	6	26	35	4	61	70	40	85	94	125	4	151	150	162
JXS16-100	65	6	39	35	5	109	70	55	118	119	173	4	199	198	210
JXS16-125	70	8	19	35	7	159	70	68	155	144	223	4	249	248	260

Overall Dimension

JXS20L



Model	F	FF	N	G	H	NN	GA	HA	I	J	K	KA	NA	M	Z	ZZ
JXS20-10	50	40	4	15	45	2	25	35	10	44	31	—	2	83	81.5	97
JXS20-20	50	40	4	15	45	2	25	35	10	44	41	—	2	83	81.5	97
JXS20-30	50	40	4	15	45	2	25	35	10	44	51	—	2	83	81.5	97
JXS20-40	60	50	4	15	55	3	35	35	10	54	61	—	2	93	91.5	107
JXS20-50	35	35	6	45	35	3	50	35	10	69	71	—	2	108	106.5	122
JXS20-75	60	60	6	19	35	4	54	70	10	108	96	—	2	147	145.5	161
JXS20-100	70	70	6	37	35	5	107	70	58	113	121	169	4	200	198.5	214
JXS20-125	70	70	8	41	38	6	155	76	70	155	146	223	4	254	152.5	268
JXS20-150	80	80	8	19	44	7	195	88	87	190	171	275	4	306	304.5	320

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

JXS25L

