



### Features

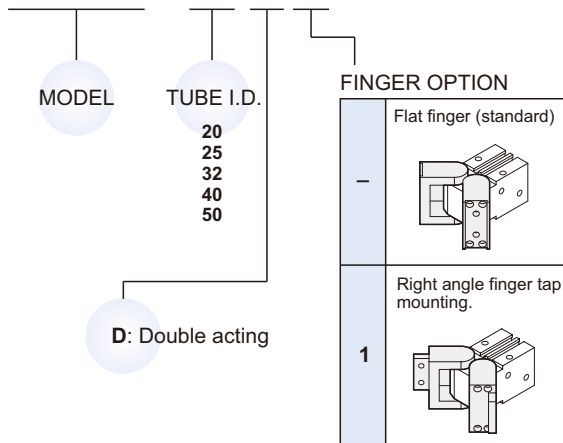
- Extremely compact design saves operating space.
- Synchronisation of gripping fingers.
- Dust seals protect all internal parts from ingress of dirt.
- Proximity and reed switches can be used with this unit.

### Specification

Model	MCHW				
Acting Type	Double acting				
Tube I.D. (mm)	20	25	32	40	50
Medium	Air				
Operating pressure range	0.15~0.7 MPa				
Ambient temperature	- 10~+60°C (No freezing)				
Repeatability (mm)	±0.2 mm				
Max.operating frequency(c.p.m)	60	30			
Lubrication (※1)	Not required				
Effective force (Nm) at (0.5 MPa)	0.3	0.73	1.61	3.7	8.27
Operating angle (both sides)	Opened side	180°			
	Closed side	-5°	-6°	-5°	-4°
Sensor switch (※2)	RK: Reed switch, RKN: NPN, RKP: PNP				
Weight (kg)	0.30	0.53	1	2.2	5.15

### Order example

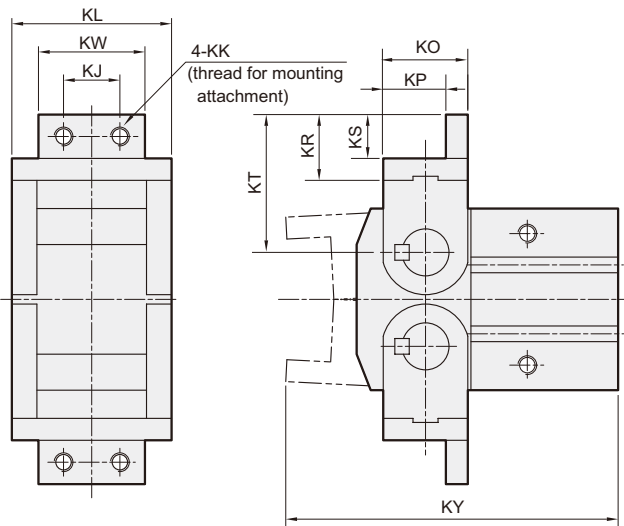
**MCHW-25 D 1**



※1. Maintenance: Re-Lubrication after appr. 1.5 million cycles recommended.

※2. RK specification, please refer to page 5-13.

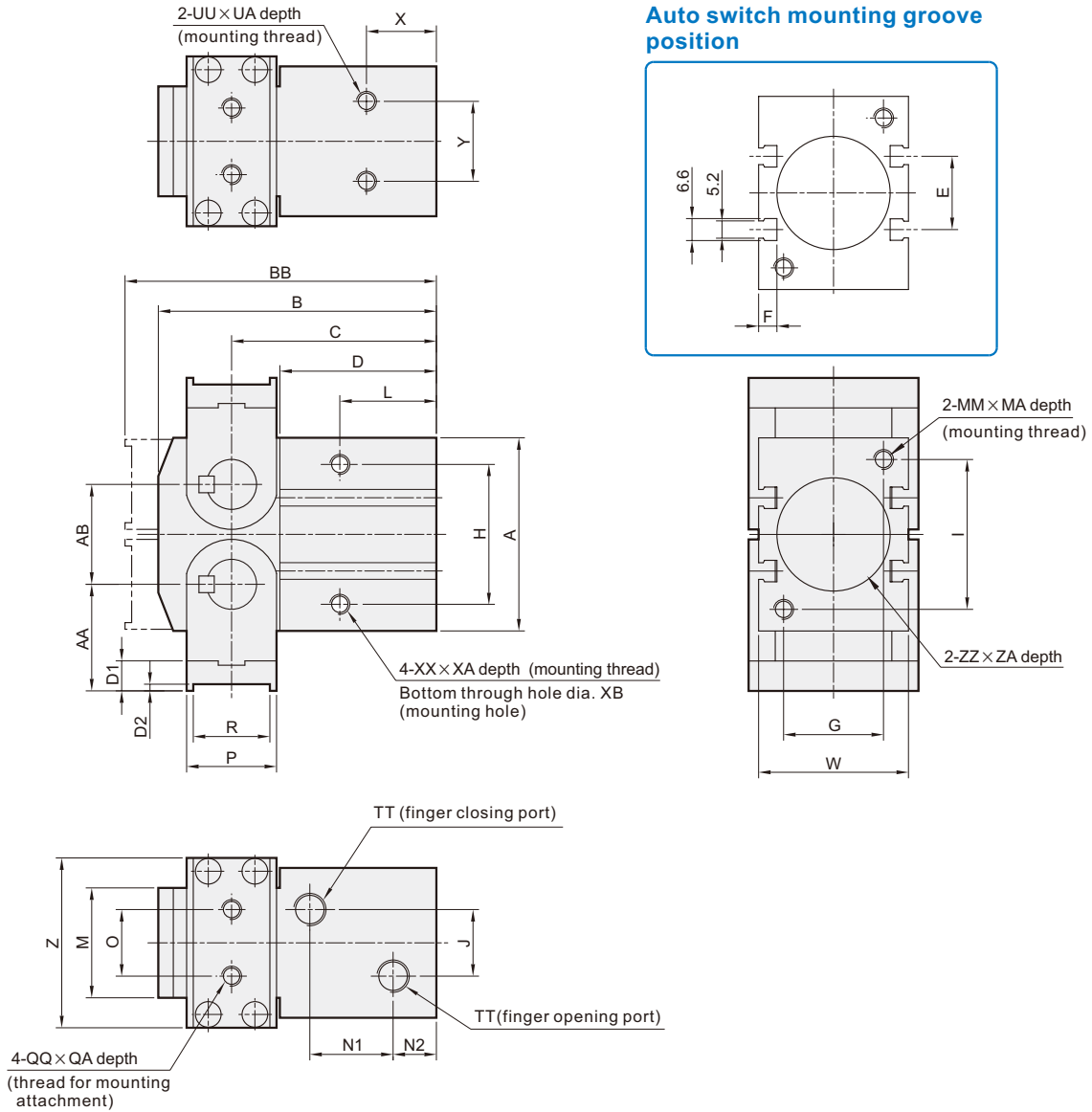
### Right angle finger



Code Tube I.D.	KA	KJ	KK	KL	KO	KP	KR	KS
20	5	14	M4×0.7	41	16	11	15	10
25	6	16	M5×0.8	45	21	15	18	12
32	7	18	M6×1	51	27	20	21	14
40	10	24	M8×1.25	67	36	26	30	21
50	12	30	M10×1.5	85	52	39	37	24

Code Tube I.D.	KT	KW	KY
20	31	28	76
25	37	30	88
32	44	34	105.5
40	60	44	135.5
50	78	58	175

### Flat finger (standard)



Code Tube I.D.	A	AA	AB	B	BB	C	D	D1	D2	E	F	G	H	I	J	L	M	MA	MM	N1	N2	O	P
20	36	23	18	60	68	45	35	7	2	8	6	26	27	26	12	23	30	10	M5×0.8	20	9	18	16
25	45	27	24	69	78	51	40	8	2	9	5.5	30	34	30	16	27	30.3	12	M6×1	23	10	20	21
32	58	32	30	83.5	93.5	61.5	47	9	2	22	5.5	30	42	45	20	29	32.9	12	M6×1	25	13	20	27
40	80	42	40	104.5	117.5	75.5	56.5	12	3	20	6	36	54	60	20	37.5	45	15	M8×1.25	33.5	14	28	36
50	112	58	56	136	154	96	69	17	4	26	6	40	70	80	30	48	58.6	20	M10×1.5	22	16	38	52

Code Tube I.D.	R	QA	QQ	TT	UA	UU	W	X	XA	XB	XX	Y	Z	ZA	ZZ
20	12 <sup>+0.2</sup> <sub>+0.1</sub>	5	M4×0.7	M5×0.8	7	M5×0.8	36	17	10	4.2	M5×0.8	20	41	3	$\phi 21H9$ <sup>+0.052</sup> <sub>+0</sub>
25	17 <sup>+0.2</sup> <sub>+0.1</sub>	6	M5×0.8	M5×0.8	10	M6×1	40	20	12	5.1	M6×1	24	45	3	$\phi 26H9$ <sup>+0.052</sup> <sub>+0</sub>
32	23 <sup>+0.2</sup> <sub>+0.1</sub>	7	M6×1	Rc1/8	10	M6×1	45	21	12	5.1	M6×1	24	51	4	$\phi 34H9$ <sup>+0.062</sup> <sub>+0</sub>
40	30 <sup>+0.3</sup> <sub>+0.1</sub>	9	M8×1.25	Rc1/8	15	M8×1.25	56	27.5	16	6.8	M8×1.25	30	67	4	$\phi 42H9$ <sup>+0.062</sup> <sub>+0</sub>
50	44 <sup>+0.4</sup> <sub>+0.1</sub>	13	M10×1.5	Rc1/4	20	M10×1.5	66	36	20	8.5	M10×1.5	40	85	5	$\phi 52H9$ <sup>+0.074</sup> <sub>+0</sub>