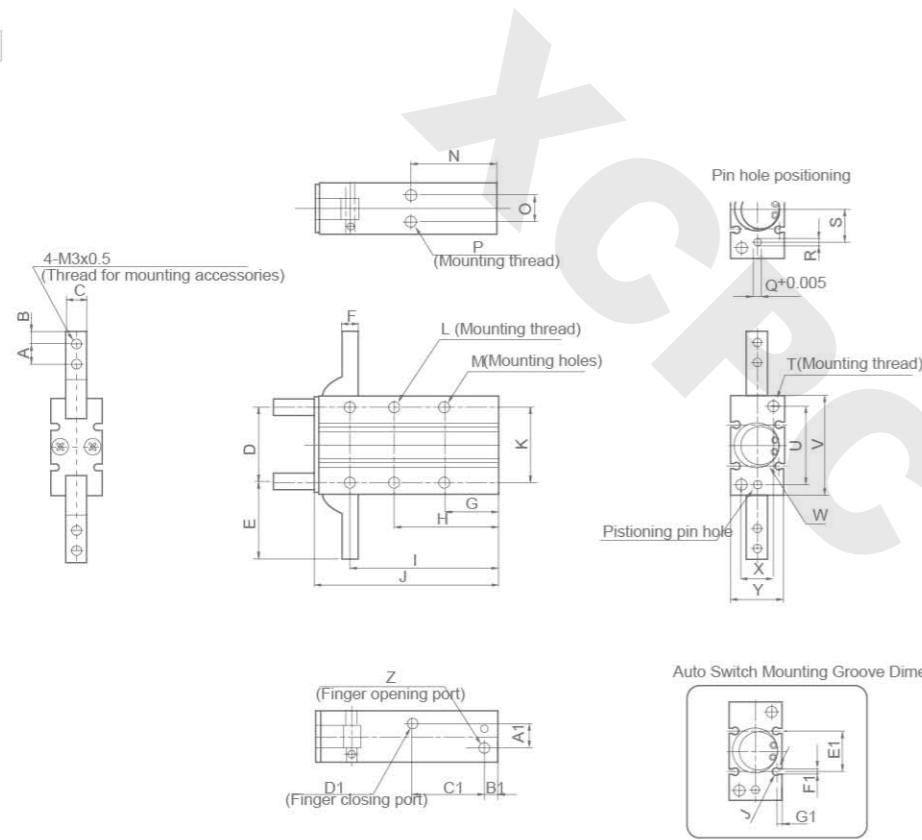


XHY Series Style Air Gripper

Overall Dimensions



Dimension Sheet

Bore(mm)	A	B	C	D	E	F	G	H
10	6	3	6 ^{-0.05/-0.025}	22	23.5	4	18	35
16	7	4	8 ^{-0.05/-0.025}	28	28.5	10	20	41
20	9	5	10 ^{-0.05/-0.025}	36	37	8	25	50
25	12	6	12 ^{-0.05/-0.025}	45	45	10	30	60

Bore(mm)	I	J	K	L	M	N	O	P
10	47.5	58	24	4-M3x0.5/Thread dep 6	2-Φ3.4	30	19	2-M3x0.5/Thread dep 6
16	55.5	69	30	4-M3x0.7/Thread dep 8	2-Φ4.5	33	12	2-M4x0.7/Thread dep 5
20	69	86	36	4-M5x0.8/Thread dep 10	2-Φ5.5	42	14	2-M5x0.8/Thread dep 10
25	86	107	30	4-M6x1/Thread dep 12	2-Φ6.6	52	12	2-M6x1/Thread dep 10

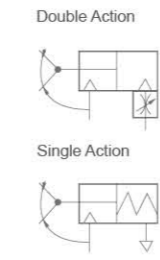
Bore(mm)	Q	R	S	T	U	V	W	X
10	3H9 ^{+0.05/0}	4	9	2-M3x0.5/Thread dep 6	24	30	Φ11h9 ^{+0.043/0}	9
16	3H9 ^{+0.025/0}	4	19	2-M3x0.7/Thread dep 8	30	38	Φ17h9 ^{+0.043/0}	12
20	4h9 ^{+0.030/0}	5	19	2-M5x0.8/Thread dep 10	38	48	Φ21h9 ^{+0.052/0}	16
25	4h9 ^{+0.052/0}	5	23	2-M6x1/Thread dep 12	46	58	Φ26h9 ^{+0.052/0}	18

Bore(mm)	Y	Z	A1	B1	C1	D1	E1	F1	G1
10	15	M5x0.8	3	7	23	M5x0.8	13	3	2
16	20	M5x0.8	8	7	25	M5x0.8	18	3	2.5
20	26	M5x0.8	12	8	32	M5x0.8	20	3	3
25	30	M5x0.8	14	8	42	M5x0.8	24	3	3

XHC Series Style Air Gripper



Graphic Symbol



Ordering Code

XHC	2	16	D
Series Code	Finger Quantity	Bore Size	Action Type
XHC:fulcrum opening and closing fingers	2PCS	10mm~25mm	D:Double Action S:Single Action

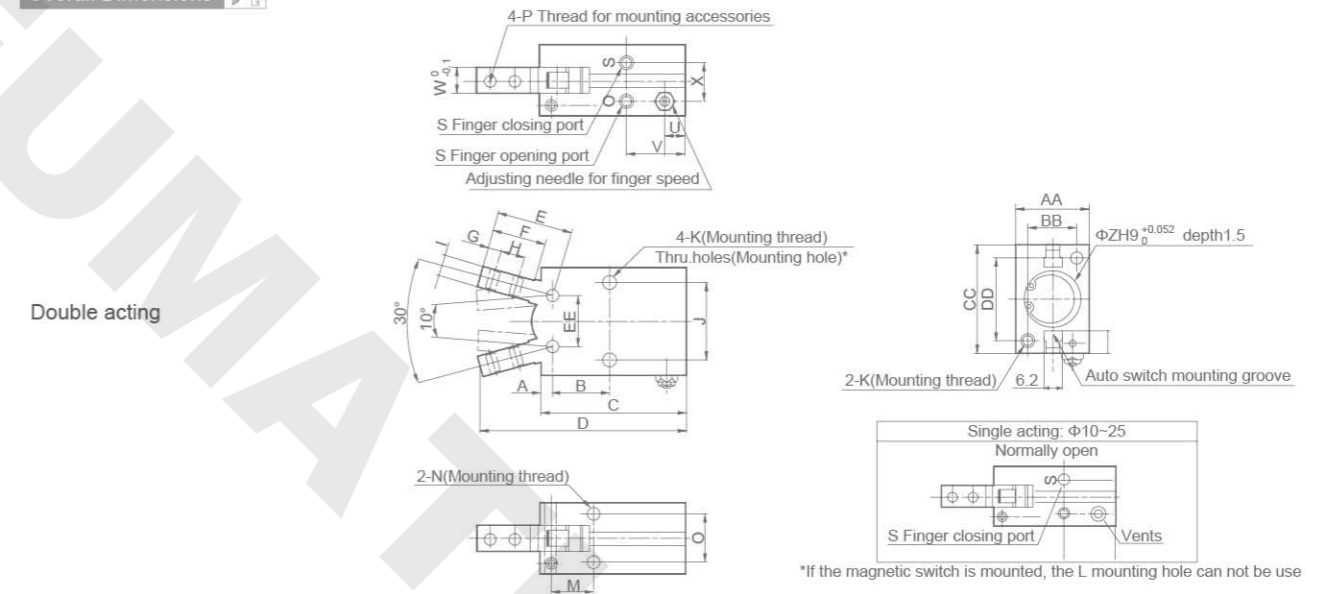
Specification

Bore(mm)	10	16	20	25
Working Medium	Air(to be filtered by 40μm filter element)			
Operating pressure MPa	Double-acting	0.25~0.6MPa		
	Single acting	0.1~0.6MPa		
Ambient fluid temperature	-10~60°C			
The highest frequency of use(c.p.m)	180c.p.m			
Repeatability Precision(mm)	±0.01			
Lubrication	Not required			
Port Size	M3x0.5	M5x0.8		

Holding torque

Action	Model	Bore size	Gripping momeng	Opening/Closing angle (Both sides)
Double-acting	XHC	-10D	0.1	30°~10°
		-16D	0.39	
		-20D	0.70	
		-25D	1.36	
Single acting	XHC	-10S	0.07	30°~10°
		-16S	0.31	
		-20D	0.54	
		-25D	1.08	

Overall Dimensions



Dimension Sheet

Bore (mm)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Port size		U	V	W	X	Y	Z	AA	BB	CC	DD	EE	
	S		T																											
10	2.8	12.8	38.6	52.4	17.2	12	3	5.7	4	16	M3x0.5	Dp.5	2.6	8.8	M3x0.5	Dp.6	11.4	M25x0.45	M3x0.25	7.2	18.8	6.4	10.4	5.4	11	16.4	12	23	18	10
16	3.9	16.2	44.6	62.5	22.6	16	4	7	7	24	M4x0.7	Dp.8	3.4	10.7	M4x0.7	Dp.8	16	M3x0.5	M5x0.8	7	18.3	8	13	5.8	17	23.6	15	30.6	22	16
20	4.5	21.7	55.2	78.7	28	20	5.2	9	8	30	M5x0.8	Dp.10	4.3	15.7	M5x0.7	Dp.8	18.6	M4x0.7	M5x0.8	7.5	22.2	10	15	9	21	27.6	18	42	32	20
25	4.6	25.8	60.2	92	37.5	27	8	12	10	36	M6	Dp.12	5.1	19.3	M6	Dp.10	22	M5	M5x0.8	7.7	23.5	12	20	11.5	26	33.6	22	52	40	25