

Rotary table/Air gripper/Rodless Cylinders

Cylinders for special industries and requirement. XCPC provide the highest quality products of these cylinders in China. It is the high cost effective product you can find in our company. They are include: TN/CXS(Double-Shaft),MGP(Three-Shaft),MSQ/CRQ2/CRA1(Rotary table), XHZ/XHC/XHY(Clamp Gripper), XHL(Parallel style), XHT(Angle Gripper),XHS(Round Body) and CY3(Rodless).etc.



XHY Series Style Air Gripper

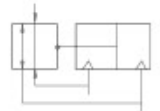


XHY2-25D

Ordering Code

XHY	—	2	—	16	—	D	—	2
Series Code XHY:180° open and close your fingers		Finger Quantity 2PCS		Bore size 10mm~25mm		Action Type D:Double Action		Claw form Blank:Standard thread installation 2:Opening and closing direction through-hole installation

Graphic Symbol



- Auto switch is attachable.
- 180°Retractable simplify pick and place operation.
- May be suitable for use under special circumstances,the finger opening and closing part specifically designed to prevent small items from entering.
- Easy to install, with positioning holes.

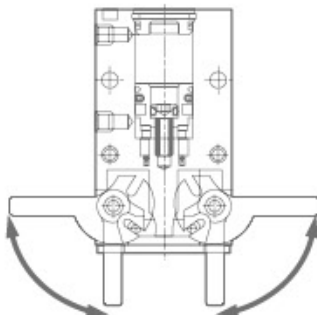
Specification

Bore(mm)	10	16	20	25
Working Medium	Air(to be filtered by 40μm filter element)			
Action Type	Double-acting			
Max.operating Pressure(Mpa)	0.6			
Min.operating Pressure(Mpa)	0.1			
Ambient Fluid Temperature	-10~+60°C			
Max.operating Frequency	60c.p.m			
Repeatability(Mm)	±0.2mm			
Holding Torque N·m Note1)	0.16	0.54	1.10	2.28
Lubrication Note2)	Not required			
Port Size	M5×0.8			

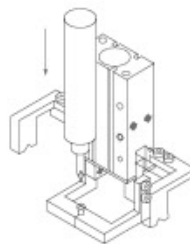
Note 1) At the pressure of 0.5 Mpa

Note 2)If you need lubrication,use turbine No.1 oil ISO VG32.

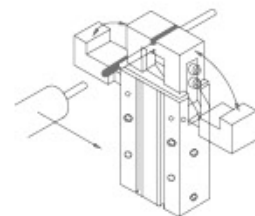
Chart



Function Example



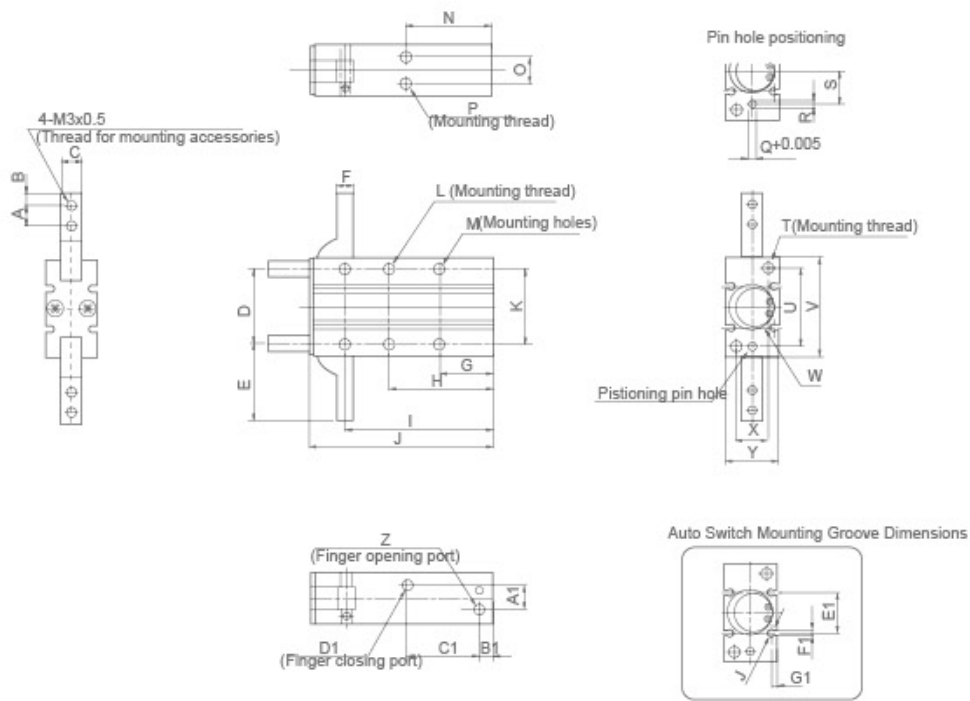
Fixing screws



Clamping wire

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 ^{+0.062/0}	5	23	2-M6x1/Thread dep 12	46	58	Φ26h9 ^{+0.062/0}	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