

JHY2 Series

Air Gripper(Fulcrum open and close type)/ Cam Type 180°



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

JHY2 Series

Specification



Bore Size(mm)	10	16	20	25
Operation	Double Acting			
Working Medium	Air			
Max. Operating Pressure(Mpa)(kgf/cm ²)	0.6{6.1}			
Min. Operating Pressure(Mpa)(kgf/cm ²)	0.15{1.5}	0.1{1.0}		
Ambient And Fluid Temperature	-10~60°C(with no condensation)			
Max. Operating Frequency(c.p.m)	60			
Repeatability(mm)	±0.2			
Holding Power(N)(kg)	0.16{1.6}	0.54{5.5}	1.10{11.2}	2.28{23.3}
Weight(g)	70	150	320	560
Lubrication	No need			
Piping Size	M5×0.8			

[Note] At the pressure of 0.5MPa(kgf/cm²).

Features

1. Built-in magnetic ring, and sensor can be placed.
2. 180°angular clamping type, simplify holding and placing.
3. Can be suitable for special environment use, finger opening and closing part is specially designed to prevent small objects from entering.
4. Easy to install, with positioning dowel pin hole.

Ordering Code

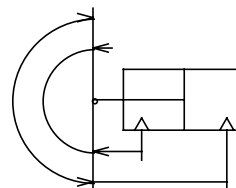
JHY2 — 20 D □

① ②

①	② Air Gripper	
Bore size	Nil	thread
	2	through-hole

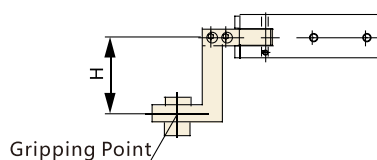
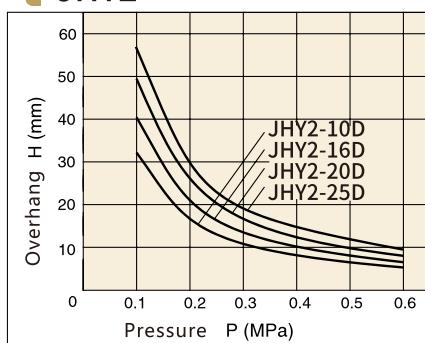
[Note] Sensor model please refer to P173 for the specific ordering code.

Symbol



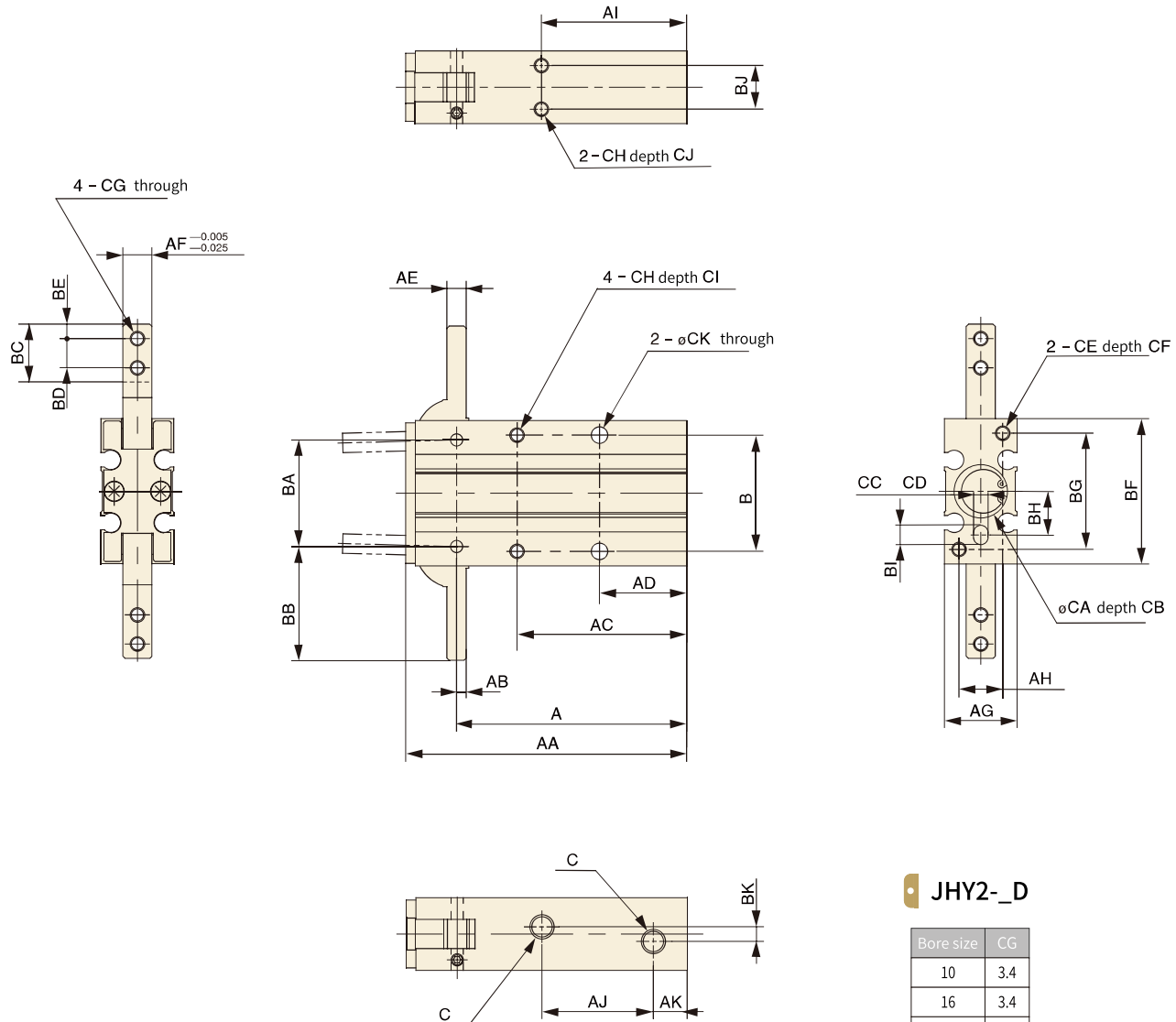
Gripping Point

JHY2



If operated with the workpiece gripping point beyond the indicated range H, the lifetime of the product will be affected.

Overall Dimension



JHY2-_D

Bore size	CG
10	3.4
16	3.4
20	4.5
25	5.5

[Note] Please refer to the table left for other sizes.

JHY2-_D

Bore size	A	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	B	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK
10	47.5	58	2	35	18	4	6	15	9	30	23	7	24	22	23.5	12	6	3	30	24	9	4	9	3
16	55.5	69	2.5	41	20	5	8	20	12	33	25	7	30	28	28.5	14	7	4	38	30	15	4	12	8
20	69	86	4	50	25	8	10	26	16	42	32	8	36	36	37	18	9	5	48	38	19	5	14	12
25	86	107	5	60	30	10	12	30	18	50	42	8	42	45	45	22.5	12	6	58	46	23	5	16	14

Bore size	C	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK
10	M5×0.8	11 ^{+0.043} ₀	1.5	3 ^{+0.043} ₀	3	M3×0.5	6	M3×0.5	M3×0.5	6	4	3.4
16	M5×0.8	17 ^{+0.043} ₀	1.5	3 ^{+0.043} ₀	3	M4×0.7	8	M3×0.5	M4×0.7	8	5	4.5
20	M5×0.8	21 ^{+0.052} ₀	1.5	4 ^{+0.043} ₀	4	M5×0.8	10	M4×0.7	M5×0.8	10	8	5.5
25	M5×0.8	26 ^{+0.052} ₀	1.5	4 ^{+0.043} ₀	4	M6×1	12	M5×0.8	M6×1	12	10	6.6

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