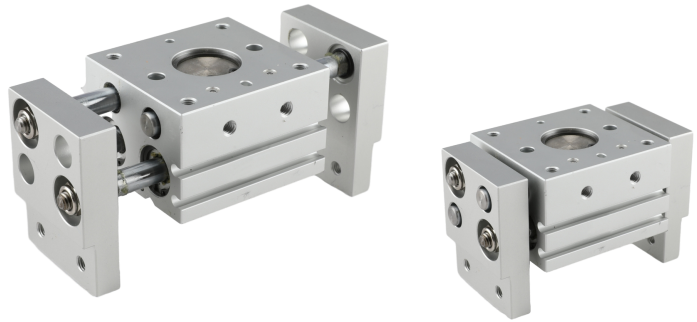


Features

1. Long stroke, suitable for bulky objects.
2. Double piston rod design to increase the holding force.
3. Gear rod operation to make finger open and close synchronously.
4. A scraper with a dust lip is adopted for all rod rotating parts.
5. Many options for different working conditions.



Specification

Bore size	10	16	20	25	32	40
Operation	Double Acting					
Working Medium	Air					
Max.operating Pressure	0.6{6.1}					
Min.operating Pressure	0.15{1.5}	0.1{1.0}				
Ambient And Fluid Temperature	-10-60°C with no (condensation)					
Repeatability	±0.1					
Holding Power	14{1.4}	45{4.6}	74{7.5}	131{13.4}	228{23.4}	396{40.4}
Port Size	M5×0.8				1/8	

[Note] Under the pressure of 0.5MPa and the holding point 40mm(Ø10~Ø25),80mm(Ø32/Ø40)

Ordering Code



1 Bore Size	2 Opening/Closing Stroke	3 Gripper Type	4 Load Capacity
Ø10	Nil	Short stroke	N/A Standard
Ø16			
Ø20	1	Short stroke	N/A Standard
Ø25			
Ø32	2	Short stroke	B Side gripping
Ø40			
		A	Sleeve extension

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

[Note]Extended bearing type has same installation size with the standard type.Extended shaft sleeve has stronger load capacity but no dustproof function.

Stroke/Weight Table

Model	Bore Size (mm)	Max.Operating Frequency(c.p.m)	Opening/ Closing Stroke(mm) (L2-L1)	Closing Width(mm)(L1)	Opening Width(mm)(L2)	Weight(g)
JHL2-10D□-□	10	60	20	56	76	280
JHL2-10D1□-□		40	40	78	118	345
JHL2-10D2□-□		40	40	96	156	425
JHL2-16D□-□	16	60	30	68	98	585
JHL2-16D1□-□		40	60	110	170	795
JHL2-16D2□-□		40	80	130	210	935
JHL2-20D□-□	20	60	40	82	122	1025
JHL2-20D1□-□		40	80	142	222	1495
JHL2-20D2□-□		40	100	162	262	1690
JHL2-25D□-□	25	60	50	100	150	1690
JHL2-25D1□-□		40	100	182	282	2560
JHL2-25D2□-□		40	120	200	320	2775
JHL2-32D□-□	32	30	70	150	220	2905
JHL2-32D1□-□		20	120	198	318	3820
JHL2-32D2□-□		20	160	242	402	4655
JHL2-40D□-□	40	30	100	188	288	5270
JHL2-40D1□-□		20	160	246	406	6830
JHL2-40D2□-□		20	200	286	486	7905

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

JHL2 Series

Cylinder element



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

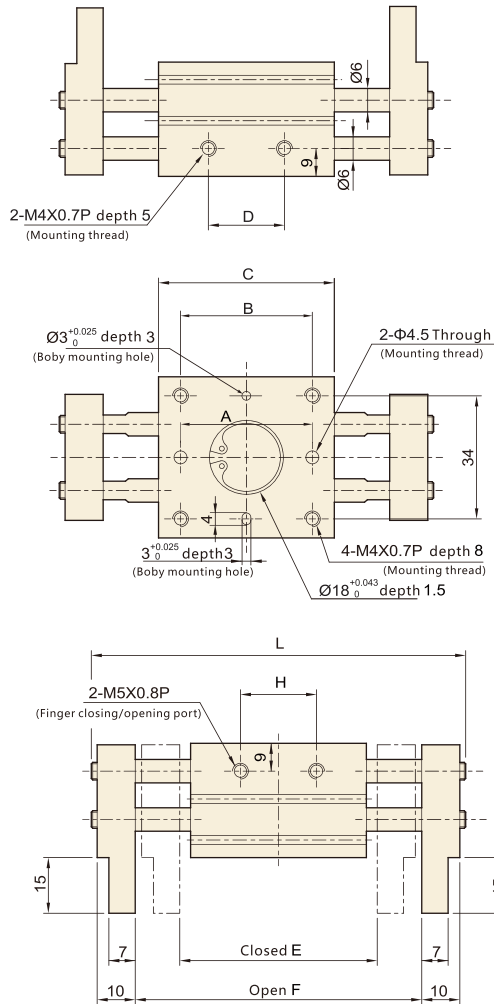
JGP

JSQB

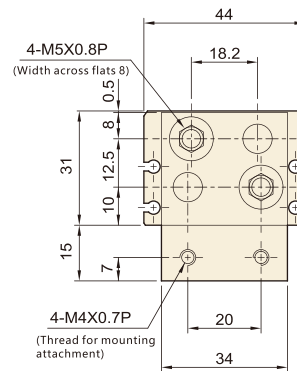
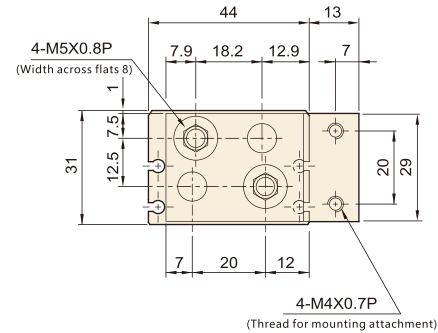
Sensor

Overall Dimension

JHL2-10D □□-□



JHL2-10D □□B-□ (Side Clamping Of Gripper Type)

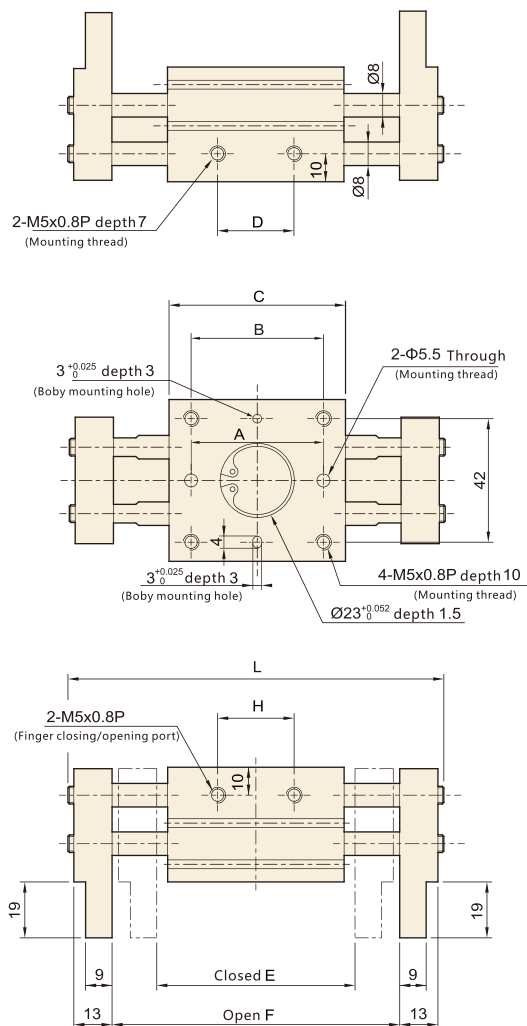


Dimension

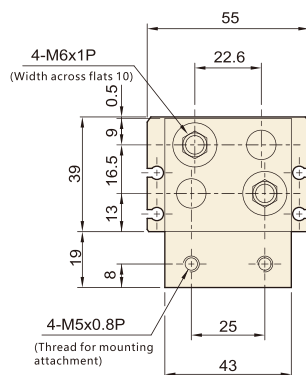
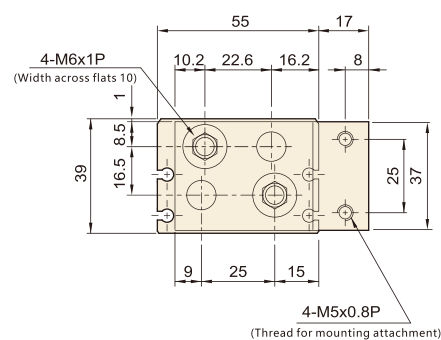
Model	A	B	C	D	L	E	F	H
JHL2-10D □□-□	38	36	51	26	100(80)	56	76	20
JHL2-10D1 □□-□	72	70	85	60	180(146)	96	156	50
JHL2-10D2 □□-□	54	52	67	42	142(108)	78	118	32

Overall Dimension

JHL2-16D □□-□



JHL2-16D□B-□ (Side Clamping Of Gripper Type)



Dimension

Model	A	B	C	D	L	E	F	H
JHL2-16D □□-□	40	45	60	28	128(98)	68	98	23
JHL2-16D1 □□-□	70	75	90	58	200(152)	110	170	41
JHL2-16D2 □□-□	90	95	110	78	240(192)	130	210	61

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

JHL2 Series

Cylinder element



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

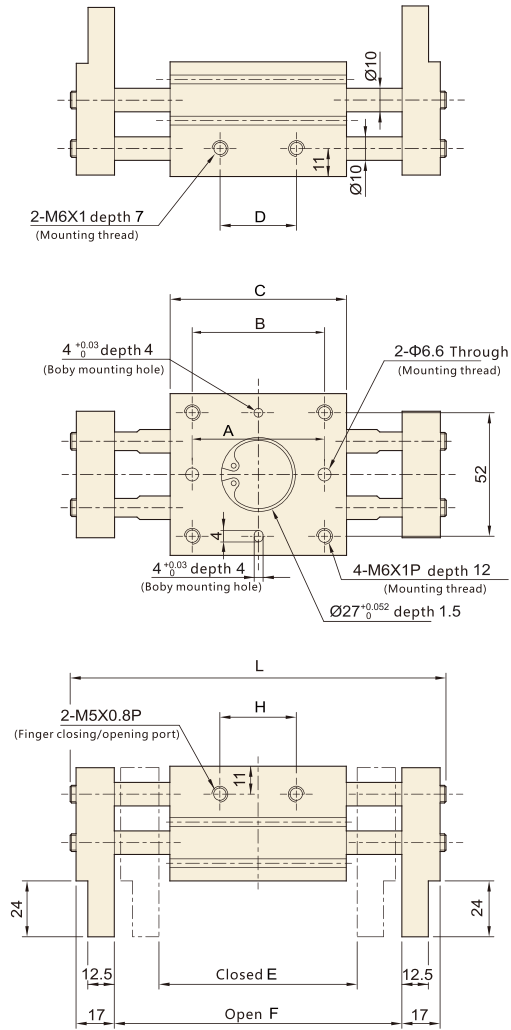
JGP

JSQB

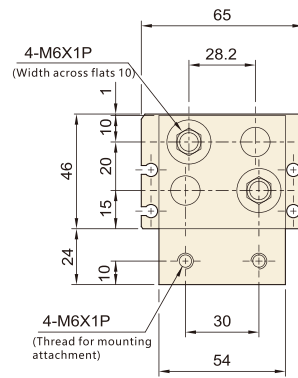
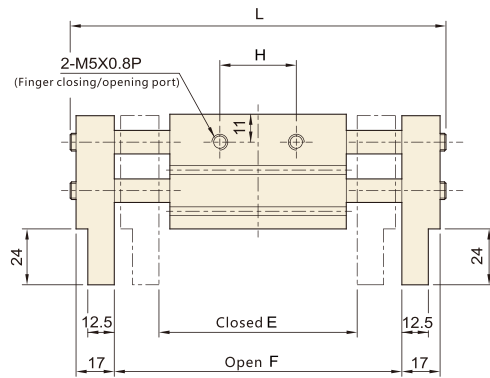
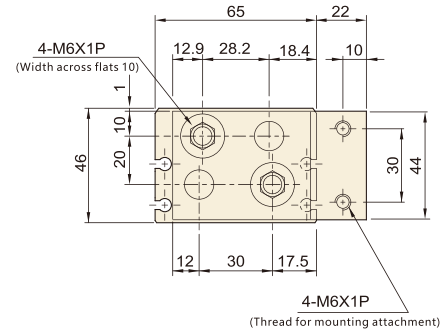
Sensor

Overall Dimension

JHL2-20D □□-□



JHL2-20D □B-□ (Side Clamping Of Gripper Type)

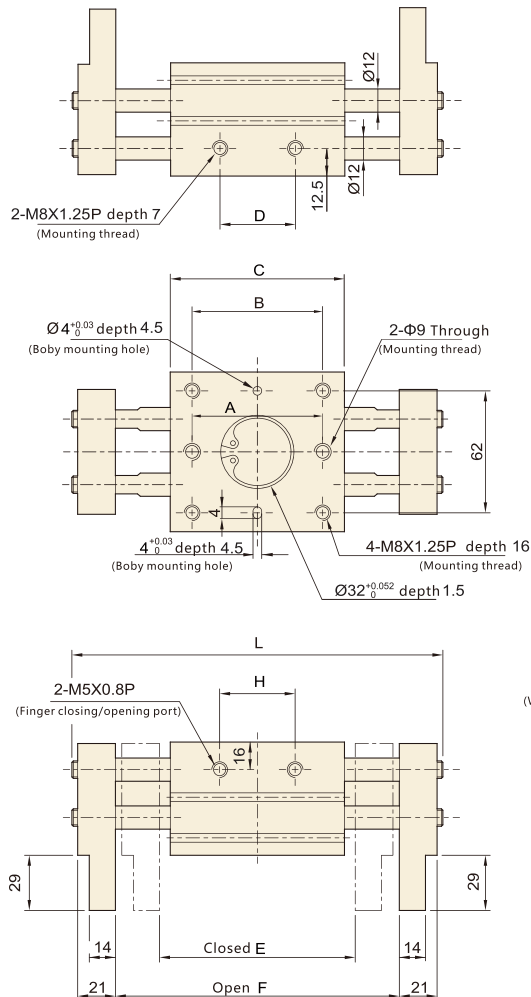


Dimension

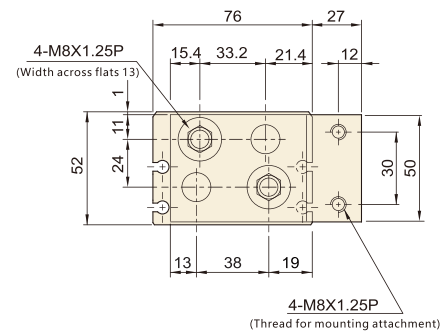
Model	A	B	C	D	L	E	F	H
JHL2-20D □□-□	54	58	71	38	160(120)	82	122	32
JHL2-20D1 □□-□	96	100	113	80	260(195)	142	222	60
JHL2-20D2 □□-□	116	120	133	100	300(235)	162	262	80

Overall Dimension

JHL2-25D □□-□



JHL2-25D □B-□ (Side Clamping Of Gripper Type)



Dimension

Model	A	B	C	D	L	E	F	H
JHL2-25D □□-□	66	70	88	48	196(146)	100	150	38
JHL2-25D1 □□-□	120	124	142	102	328(244)	182	282	76
JHL2-25D2 □□-□	138	142	160	120	366(282)	200	320	94

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

JHL2 Series

Cylinder element



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

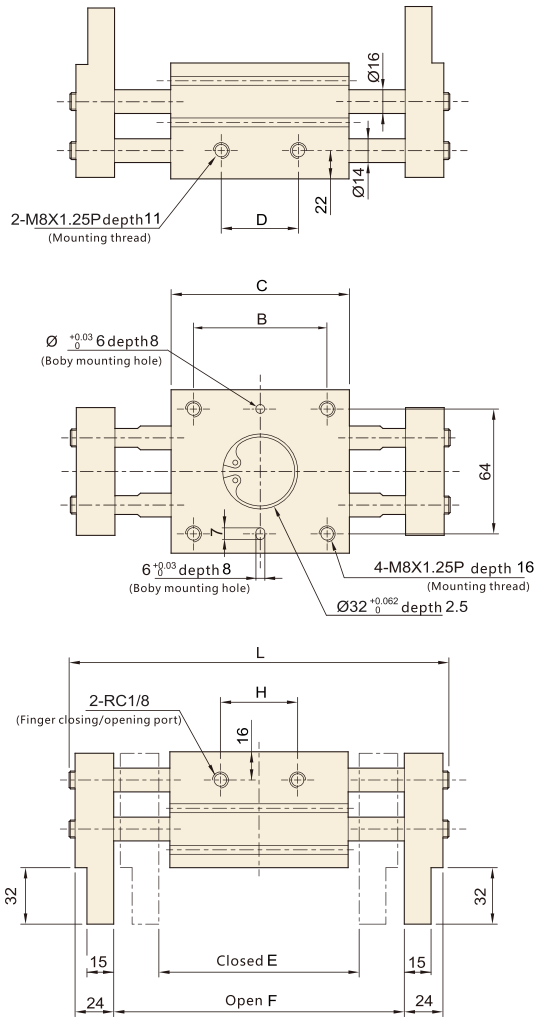
JGP

JSQB

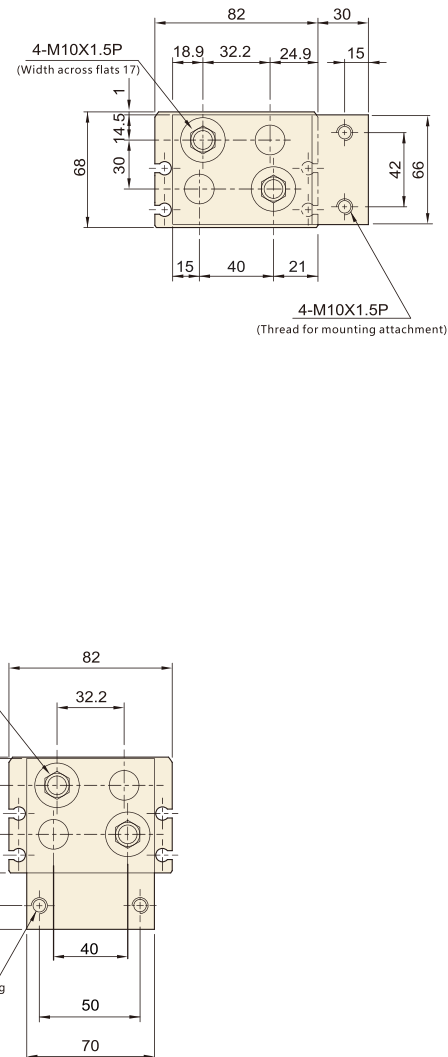
Sensor

Overall Dimension

JHL2-32D □□-□



JHL2-32D □□B-□ (Side Clamping Of Gripper Type)

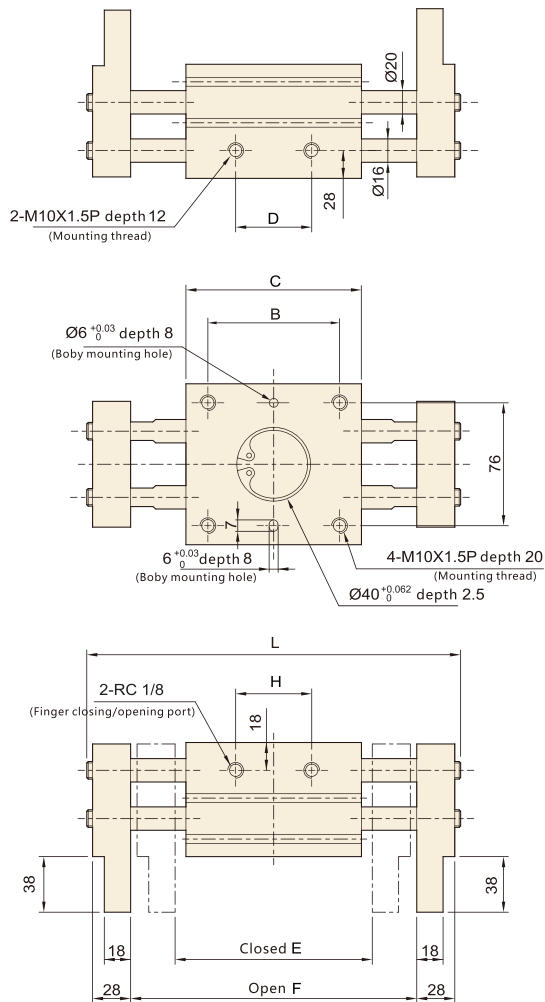


Dimension

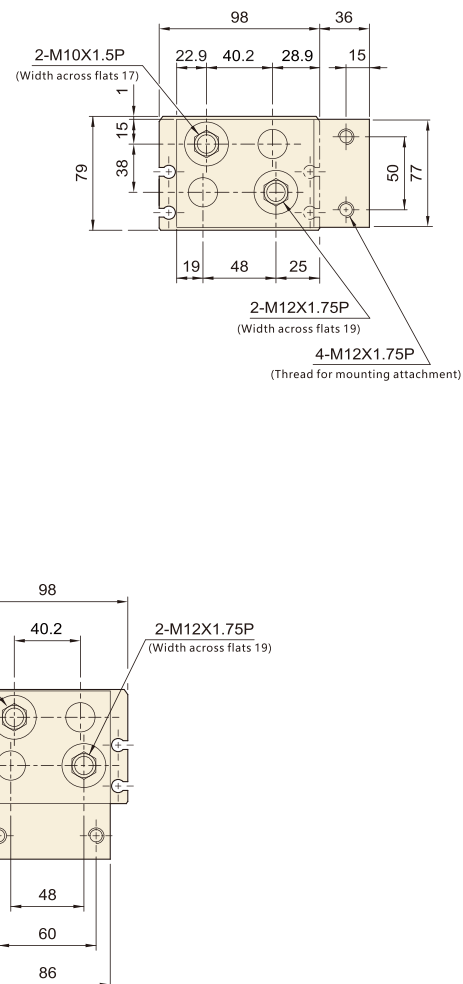
Model	A	B	C	D	L	E	F
JHL2-32D □□-□	86	110	60	48	272(202)	150	220
JHL2-32D1 □□-□	134	158	108	76	370(282)	198	318
JHL2-32D2 □□-□	178	202	152	120	454(366)	242	402

Overall Dimension

JHL2-40D □□-□



JHL2-40D □B-□ (Side Clamping Of Gripper Type)



Dimension

Model	A	B	C	D	L	E	F
JHL2-40D □□-□	116	148	80	70	348(252)	188	288
JHL2-40D1 □□-□	174	206	138	108	466(370)	246	406
JHL2-40D2 □□-□	214	246	178	148	546(450)	286	486

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