JELPC®


MAC16X100


MAC20X100


MAC25X100


MAC32X100

Features

1. Improving for adapting wide range applications,using precise polishing of piston rod, more sense of products quality and longer life of front seal.
2. Optima design and improve the production efficiency.
3. Combined with enterprise color planning and new structure design,stainless steel series cylinder integrated as the semicircular groove cramping.
4. Change processing technology of cylinder cushion structure to ensure buffering function in stabilization.
5. Improved the range of buffering fine-tune, enable customers to more easily adjust the buffer throttling speed.

Ordering Code

MAC - U - 32 x 50 - 10 - S - E - LB - MT

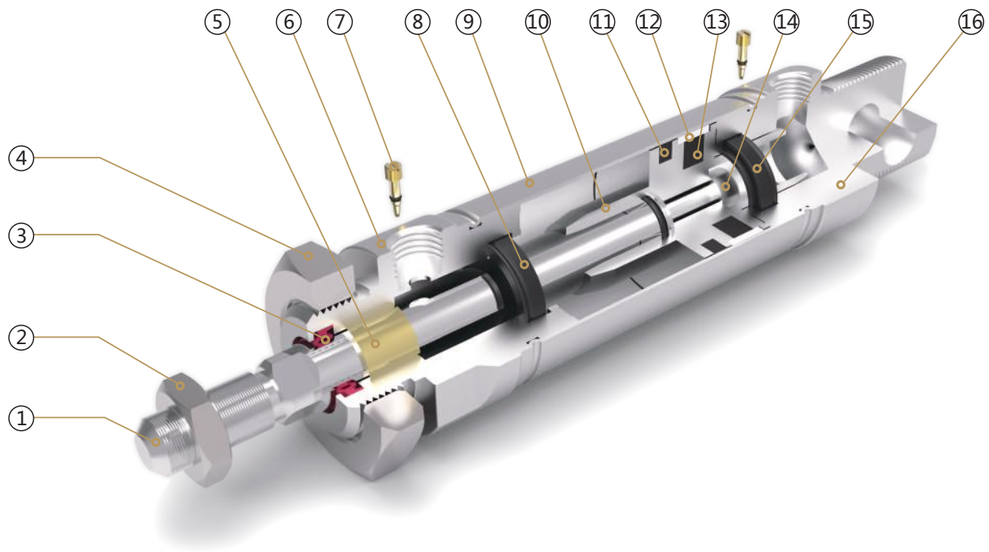
Series	Back Form	Bore	Stroke	Adjustable Stroke	Magnet	Piston Rod Material	Mountings	Sensor
MAC: Double Acting	Blank: Standard with eye mounting	16		10: 10mm	S: With magnet	Blank: Carbon steel	Blank: Basic mountings	JEL-03R
MACD: Double-shaft	CM: Standard with round back cover	20		20: 20mm	Blank: Without magnet	E: Stainless steel	LB: Front and back mounting	* Standard wire length is 1 meter, please specify for other length
MACJ: Double-shaft with adjustable stroke	U: Standard with flat back cover	25		30: 30mm			FA: Front mounting flange FB: Back mounting flange	
		32		50: 50mm			SDB: Back hinge	
		40		75: 75mm				
				100: 100mm				

Specification

Bore (mm)	16	20	25	32	40
Operation	Double Acting				
Working Medium	Air				
Mountings	Basic LB FA FB SDB				
Operating Pressure Range	0.1 ~ 1.0MPa				
Proof Pressure	1.5 MPa				
Operating Temperature Range	-20 ~ 80℃				
Operating Speed Range	50 ~ 800mm/s				
Cushion	Adjustable Air Cushion				
Port Size	M5X0.8	G1/8"			

Cylinder
Calculation
SI
SI A.
SIB
SQ
DNT
SC / SU
SCT
SC A.
SL
DN
DSN
DN/DSN A.
MA
MAC
MA/MAC A.
MAL
MALC
MAL/MACL A.
SDA
CQ2
TCQ2
ADN
TADN
PPRM
MHL2
Pneumatic Fingers
MXH/MXQ
CJP
CJ2
CDU
TN
CXS
MGP
MSQ

Internal Structure



Parts

Number	Name	Number	Name
1	Piston rod	9	Barrel
2	Hexagon nut	10	Piston
3	Shaft seal	11	Piston seal
4	Hexagon nut	12	Anti-friction seal
5	DU bearing	13	Magnet
6	Front cover	14	Socket head cap screw
7	Anti-collision gasket	15	Cushion
8	Cushion	16	Back cover

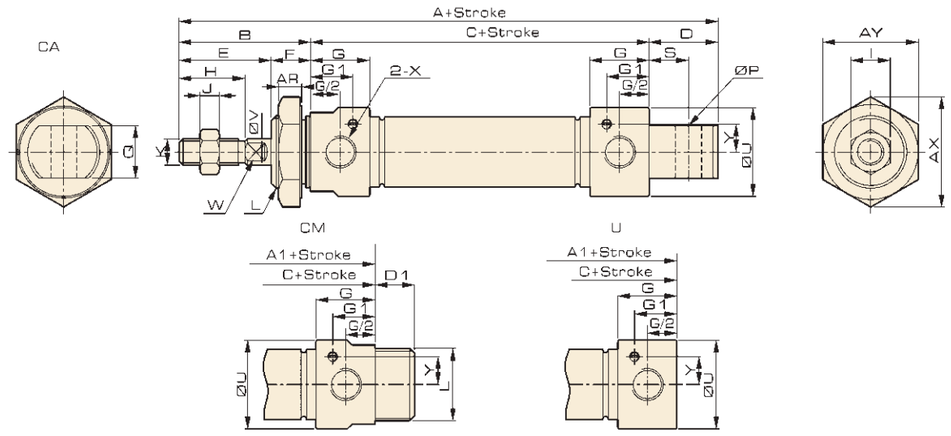
JELPC®

ISO9001:2015 CE

MAC Series
Stainless Steel Mini Cylinder

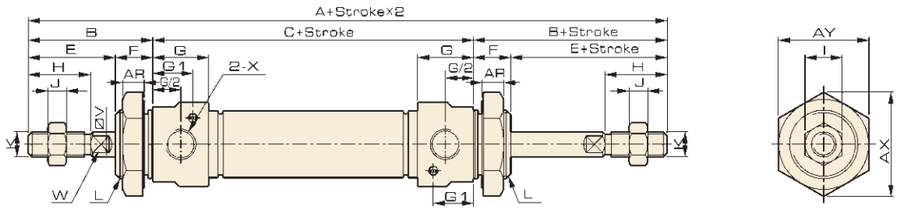
Overall Dimension

MAC



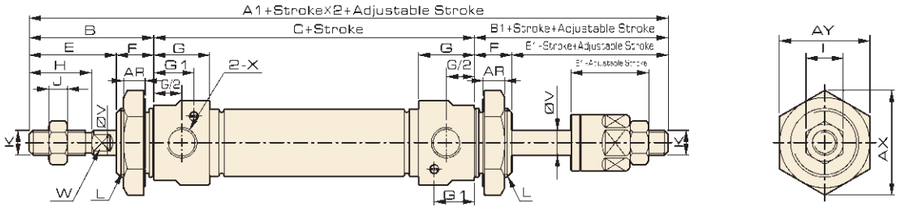
Cylinder with or without magnet is the same size

MACD



Cylinder with or without magnet is the same size

MACJ



Cylinder with or without magnet is the same size

Dimension

Bore/Symbol	A	A1	B	C	D	D1	E	F	G	G1	H	I	J	K
16	114	98	38	60	16	12	22	16	12	8	16	10	5	M6×1
20	137	116	40	76	21	12	28	12	18	13	20	12	6	M8×1.25
25	141	120	44	76	21	14	30	14	16	11	22	17	6	M10×1.25
32	147	120	44	76	27	14	30	14	16	11.5	22	17	6	M10×1.25
40	150	123	46	77	27	14	32	14	16.7	12	24	19	7	M12×1.25

Bore/Symbol	L	P	Q	S	U	V	W	X	AR	AX	AY	Y
16	M16×1.5	6	12	9	21	6	5	M5×0.8	6	27.8	24	6
20	M22×1.5	8	16	12	27	8	6	G1/8	7	33.5	29	8.5
25	M22×1.5	8	16	12	30	10	8	G1/8	7	33.5	29	9.5
32	M24×2	10	16	15	35	12	10	G1/8	9	37	32	11.5
40	M30×2	12	20	15	42	16	14	G1/8	9	46	40	14

Dimension

Bore/Symbol	A	A1	B	B1	C	E	E1	F	G	G1	H	I	J	K	L	U	V	W	X	AR	AX	AY	Y
16	136	135	38	37	60	22	21	16	12	8	16	10	5	M6×1	M16×1.5	21	6	5	M5×0.8	6	27.8	24	6
20	156	153	40	37	76	28	25	12	18	13	20	12	6	M8×1.25	M22×1.5	27	8	6	G1/8	7	33.5	29	8.5
25	164	161	44	41	76	30	27	14	16	11	22	17	6	M10×1.25	M22×1.5	30	10	8	G1/8	7	33.5	29	9.5
32	164	161	44	41	76	30	27	14	16	11.5	22	17	6	M10×1.25	M24×2	35	12	10	G1/8	9	37	32	11.5
40	169	166	46	42	77	32	28	14	16.7	12	24	19	7	M12×1.25	M30×2	42	16	14	G1/8	9	46	40	14

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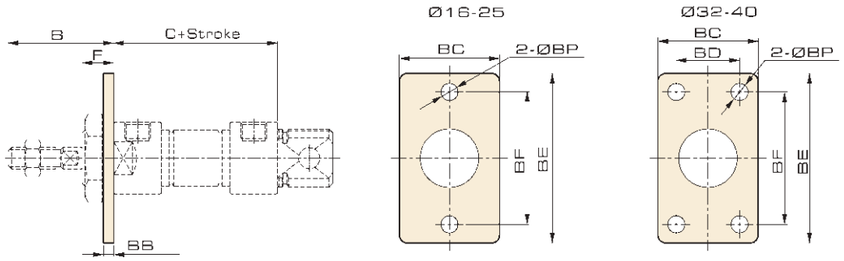
JELPC®

Overall Dimension

FA

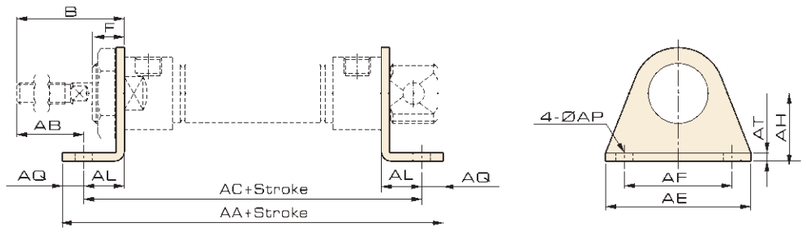


Dimension

Symbol / Bore/ Stroke	B	C (MA Series)	C (MSA/MTA Series) 0-50	50-100	100-150	BB	BC	BD	BE	BF	BP	F
16	38	60	85	110	-	3	26	-	52	40	5.5	16
20	40	76	101	126	151	4	38	-	64	50	6.5	12
25	44	76	101	126	151	4	38	-	64	50	6.5	14
32	44	76	101	126	151	4	47	33	72	58	6.5	14
40	46	77	102	127	152	4	50	36	84	70	6.5	14

Overall Dimension

LB

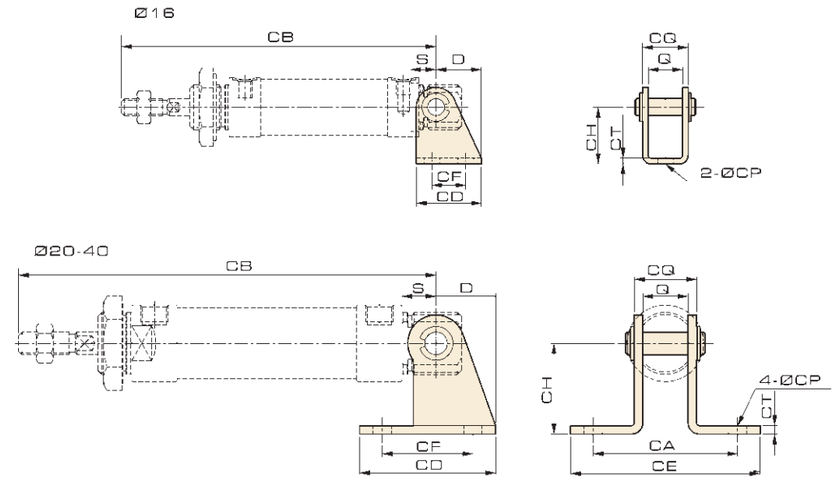


Dimension

Symbol / Bore/ Stroke	B	AA (MA Series)	AA (MSA/MTA Series) 0-50	50-100	100-150	AB	AC (MAL Series)	AC (MSAL/MTAL Series) 0-50	50-100	100-150	AE	AF	AH	AL	AP	AQ	AT	F
16	38	98	123	148	-	25	86	111	136	-	44	32	20	13	5.5	6	3	16
20	40	122	147	172	197	25	106	131	156	181	54	40	25	15	6.5	8	3	12
25	44	122	147	172	197	29	106	131	156	181	54	40	25	15	6.5	8	3	14
32	44	142	167	192	217	19	126	151	176	201	59	45	32	25	6.5	8	4	14
40	46	143	168	193	218	21	127	152	177	202	64	50	36	25	6.5	8	4	14

Overall Dimension

SDB

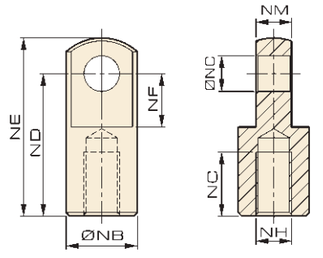


Dimension

Symbol / Bore/ Stroke	D	S	Q	CA	CB (MA Series)	CB (MSA/MTA Series) 0-50	50-100	100-150	CD	CE	CF	CH	CT	CP	CQ
16	16	9	12	-	107	132	157	-	23	-	12	20	2	5.5	16
20	21	12	16	51	128	153	178	203	48	67	32	32	3	6.5	22
25	21	12	16	51	132	157	182	207	48	67	32	32	3	6.5	22
32	27	15	16	51	135	160	185	210	52	67	36	36	4	6.5	24
40	27	15	20	55	138	163	188	213	56	71	40	40	4	6.5	28

Overall Dimension

I Knuckle



Dimension

	NB	NC	ND	NE	NF	NG	NH	NM	Bore	16	20	25	32	40
II-M04070	10	4	16	21	7	6	M4×0.7	4	Adapted fitting form					
II-M06100	12	5	21	28	8.5	8	M6×1	6		√				
II-M08125	16	8	30	40	11	15	M8×1.25	8			√			
II-M10125	20	10	40	50	15	18	M10×1.25	10				√	√	
II-M12125	24	12	48	62	24	18	M12×1.25	12						√