

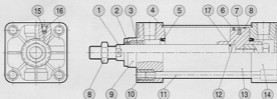
MTB R 63 \* Ø20 \* 100ST + Y + CA + €s2

型式 TYPE	缸內徑 CYLINDER BORE (ØD)	軸心 ROD (ØD)	行程 STROKE	缸體固定型式 BORE ACCESSORY	軸心固定型式 ACCESSORY	選購附件 SENSOR
MTB 標準型	Ø32	Ø12	缸管 Ø32-Ø100 最大行程2500mm	FA 後安裝型 FB 後安裝型	YP Y型PIN Y 1 防堵型 KG 浮動接頭 Phd 吊鉤接頭	磁敏型 型號 磁敏型 型號 磁敏型 型號
MTD 雙軸型	Ø40	Ø16		LA 腳架型 LB 腳架型	T T型接頭 * 特殊接頭	磁敏型 型號 磁敏型 型號
MPB 標準無柱型	Ø63	Ø20	Ø32-Ø100 最大行程1500mm	TC 吊鉤型 CA 雙山型 CB 雙山型 CBP CB型PIN CAR CA+P-CB		
MPD 雙軸無柱型	Ø80	Ø25				
	無記號 不銹鋼石 R 內附磁石					

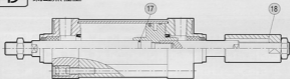
## 壓鑄鋁合金方型氣壓缸特性資料 Specification

氣缸內徑(Bore sizes of cylinder)(mm)	Ø32	Ø40	Ø50	Ø63	Ø80	Ø100
工作媒體(Power fluid)	低油壓或過濾乾淨之壓縮空氣 Filtered air or hydraulic oil					
使用壓力範圍 (The range of pressure)(kg/cm <sup>2</sup> )	0.5-9.9					
使用溫度範圍 (The range of temperature)(°C)	-10~+60					
使用速度範圍 (The range of speed)(mm/sec)	3~300					
緩衝行程(Cushion stroke)(mm)	20	20	20	20	25	25

MTBR 氣缸柱子型

壓鑄鋁合金氣缸柱子型/無柱型結構圖  
Inside Structure and Parts List

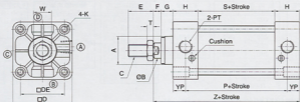
MPD 氣缸無柱型



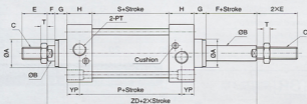
NO	零件名 Part name	數量 Quantity	NO	零件名 Part name	數量 Quantity	NO	零件名 Part name	數量 Quantity
1	活塞桿 Piston rod	1	7	磁石 Magnet	1	13	氣缸本體 Cylinder tube	1
2	刮塵球 Dust wiper	1	8	軸心螺帽 Rod nut	1	14	端面 End cover	1
3	無油軸承 Oilless bearing	1	9	前蓋 Rod cover	1	15	緩衝針 Cushion needle	2
4	O型環 O-ring	2	10	繫緊螺帽 Tie nut	8	16	O型環 O-ring	2
5	緩衝橡皮 Cushion packing	2	11	繫緊螺絲 Tie bolt	4	17	軸心螺帽 Rod gasket	1
6	橡膠活塞環 Piston packing	1	12	活塞本體 Piston	1	18	可調螺帽 Adjustable nut	1

壓鑄鋁合金方型壓缸標準尺寸圖  
MT Series Dimensional Features(0.99Mpa)

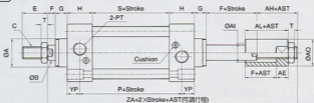
### MTB MT(P)+B (標準型) TYPE



### MTD MT(P)+D (雙輪型) TYPE



### MPD MP(T)D+AST (雙輪型附可調檔) TYPE



MT(P)B-MT(P)D TYPE

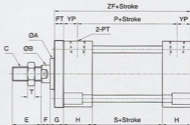
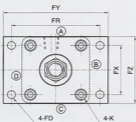
BORE	SIZE	OA	OB	C	OD	ODE	E	F	G	H	P	PM	PT	YP	K	W	T	S	Z	ZA	ZD	AH	A (可調檔) TYPE					
																							AE	OA1	GAO	AL		
Ø32	Ø38	Ø12	M10XP1.25	44	33	22	10	15	32	61	23	1/8	16	M6XP1.0	17	8	29	118	163	143	20	10	16	25	20			
Ø40	Ø32	Ø16	M12XP1.25	50	37	24	10	15	32	61	23	1/4	16	M6XP1.0	19	8	29	118	168	143	25	15	20	30	25			
Ø50	Ø38	Ø20	M16XP1.5	62	47	32	10	15	32	61	23	1/4	16	M6XP1.0	24	8	29	118	168	143	25	15	25	35	25			
Ø63	Ø38	Ø20	M16XP1.5	75	56	32	10	15	32	64	26	3/8	16	M8XP1.25	24	8	32	121	171	146	25	15	25	35	25			
Ø80	Ø47	Ø25	M20XP1.5	94	70	40	14	21	38	68	26	3/8	20	M12XP1.25	29	9	32	143	208	178	30	20	30	40	35			
Ø100	Ø47	Ø25	M20XP1.5	112	84	40	14	21	38	68	26	1/2	20	M12XP1.25	29	9	32	143	208	178	30	20	30	40	35			

#### 備註:

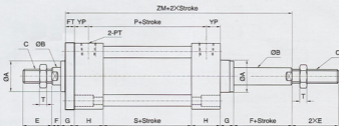
- 1.本系列符合ISO國際標準規格。
- 2.本系列行程超過1500mm(當以上時,活塞(PM)長度增加倍長(尺寸P,S,Z,ZA,ZD須增加PM尺寸長度之次)。
- 3.本系列行程超過2000mm(當)以上時,須加定桿中間固定座(MPB系列不包括)。
- 4.AST 為客戶指定之可調行程。

- 1.ISO registered of standard specification.
- 2.The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size P,S,Z,ZA,ZD).
- 3.When this series of stroke exceeds(includes) 2000mm,the fixed base of the pull rod must be added in the middle.(But series MPB not be included)
- 4.AST:Adjustable stroke by customer assignment.

## MTB MT(P)B+FA TYPE



## MPD MP(T)D+FA TYPE



MT(P)B-MT(P)D TYPE

FA TYPE

BORE	SIZE	GA	OB	C	E	F	G	H	P	PM	PT	PY	K	T	S	ZF	ZM	OFD	FT	FR	FX	FY	FZ
Q32	Q28	Q12	M10XP1.25	22	10	15	32	61	23	1/8	16	M6XP1.0	8	29	103	128	07	10	58	33	72	47	
Q40	Q32	Q16	M12XP1.25	24	10	15	32	61	23	1/4	16	M6XP1.0	8	29	103	128	07	10	70	36	84	52	
Q50	Q38	Q20	M16XP1.5	32	10	15	32	61	23	1/4	16	M6XP1.0	8	29	103	128	09	10	86	47	104	65	
Q63	Q38	Q20	M16XP1.5	32	10	15	32	64	26	3/8	16	M8XP1.25	8	32	106	131	09	10	98	58	116	76	
Q80	Q47	Q25	M20XP1.5	40	14	21	38	68	26	3/8	20	M10XP1.25	9	32	124	159	012	16	119	70	143	95	
Q100	Q47	Q25	M20XP1.5	40	14	21	38	68	26	1/2	20	M10XP1.25	9	32	124	159	012	16	138	84	162	115	

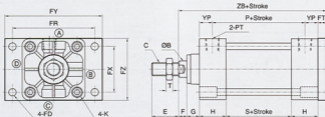
## 備註:

- 1.本系列符合ISO國際標準規格。
- 2.本系列行程超過1500mm(含)以上時,活塞(PM)長度須酌量增長(尺寸P,S,ZF,ZM須再加PM尺寸長度之值)。
- 3.本系列行程超過2000mm(含)以上時,須加在桿中間固定(MPB系列不在此列)。

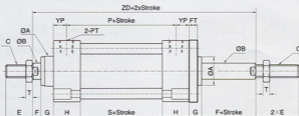
- 1.ISO registered of standard specification.
- 2.The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston.
- 3.When this series of stroke exceeds (includes) 2000mm, the fixed base of the pull rod must be added in the middle. (But series MPB not be included)

壓鑄鋁合金方型氣壓缸FB板尺寸圖  
MT Series FB Dimensional Features(0.99Mpa)

**MTB** MT(P)B+FB TYPE



**MPD** MP(T)D+FB TYPE



MT(P)B-MT(P)D TYPE

FB TYPE

SIZE	GA	OB	C	E	F	G	H	P	PM	PT	PY	K	T	S	ZB	ZD	OFD	FT	FR	FX	FY	FZ
032	038	012	M10XP1.25	22	10	15	32	61	23	1/8	16	M6XP1.0	8	29	128	143	07	10	58	33	72	47
040	032	016	M12XP1.25	24	10	15	32	61	23	1/4	16	M6XP1.0	10	29	128	143	07	10	70	36	84	52
050	038	020	M16XP1.5	32	10	15	32	61	23	1/4	16	M6XP1.0	8	29	128	143	09	10	86	47	104	65
063	038	020	M16XP1.5	32	10	15	32	64	26	3/8	16	M8XP1.25	8	32	131	146	09	10	96	56	116	76
080	047	025	M20XP1.5	40	14	21	38	68	26	3/8	20	M10XP1.25	9	30	159	178	012	16	119	70	143	96
0100	047	025	M20XP1.5	40	14	21	38	68	26	1/2	20	M10XP1.25	9	32	159	178	012	16	138	84	162	115

備註:

- 1.本系列符合ISO標準規格。
- 2.本系列行程超過1500mm(含)以上時,活塞(PM)長度須加總長(F尺寸P,S,ZB,ZD須再加PM尺寸長度之次)。
- 3.本系列行程超過2000mm(含)以上時,須加拉桿中間固定座(MPB系列不包含)。

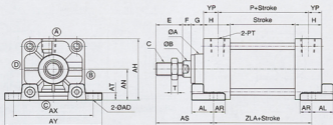
1.ISO registered of standard specification.

2.The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size:P,S,ZB,ZD).

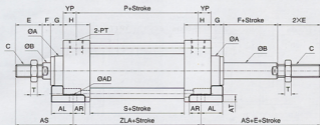
3.When this series of stroke exceeds(includes) 2000mm,the fixed base of the pull rod must be added in the middle (But series MPB not be included)

壓鑄鋁合金方型氣缸LA尺寸圖  
MT Series LA Dimensional Features(0.99Mpa)

### MTB MT(P)B+LA TYPE



### MPD MP(T)D+LA TYPE



MT(P)B-MT(P)D TYPE

BORE	MT(P)B-MT(P)D TYPE											LA TYPE												
	ØA	ØB	C	E	F	G	H	P	PM	PT	YP	K	T	S	AS	ZAL	ØAD	AH	AL	AN	AR	AT	AX	AY
Ø32	Ø28	Ø12	M10XP1.25	22	10	15	32	61	23	1/8	16	M6XP1.0	8	29	55	77	Ø9	44	22	22	14	8	63	80
Ø40	Ø32	Ø16	M12XP1.25	24	10	15	32	61	23	1/4	16	M6XP1.0	8	29	57	77	Ø12	50	22	25.5	14	8	70	91
Ø50	Ø38	Ø20	M16XP1.5	32	10	15	32	61	23	1/4	16	M6XP1.0	8	29	67	73	Ø12	62	24	31	14	8	83	104
Ø63	Ø38	Ø20	M16XP1.5	32	10	15	32	64	26	3/8	16	M6XP1.25	8	32	69	72	Ø12	76	26	38	14	9	95	116
Ø80	Ø47	Ø25	M20XP1.5	40	14	21	38	68	26	3/8	20	M10XP1.25	9	32	88	82	Ø14	94	33	47	18	12	121	146
Ø100	Ø47	Ø25	M20XP1.5	40	14	21	38	68	26	1/2	20	M10XP1.25	9	32	92	74	Ø14	114	37	57	18	14	140	165

#### 備註:

- 1.本系列符合ISO國際標準規格。
- 2.本系列行程超過1500mm(含)以上時,活塞(PM)長度增加倍長(尺寸P,S,ZAL,須再加PM尺寸長度之半)。
- 3.本系列行程超過2000mm(含)以上時,須加拉桿中間固定座(MPB系列不在此列)。

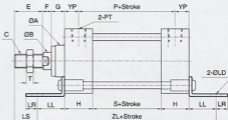
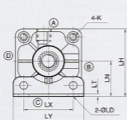
- 1.ISO registered of standard specification.
- 2.The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size P,S,ZAL).
- 3.When this series of stroke exceeds(includes) 2000mm,the fixed base of the pull rod must be added in the middle.(But series MPB not be included)

Series

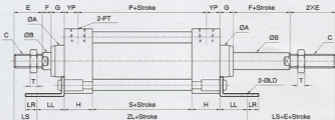
# MT(P)-LB

壓鑄鋁合金方型氣壓缸LB尺寸圖  
MT Series LB Dimensional Features(0.99Mpa)

## MTB MT(P)B+LB TYPE



## MPD MP(T)D+LB TYPE



MT(P)B-MT(P)D TYPE

BORE	MT(P)B-MT(P)D TYPE											LB TYPE												
	ØA	ØB	C	E	F	G	H	LS	P	PM	PT	YP	K	T	S	ZL	ØLD	LH	LL	LN	LR	LT	LX	LY
Ø32	Ø38	Ø12	M10XP1.25	22	10	15	32	26.5	61	23	1/8	16	M6XP1.0	8	29	134	Ø9	50	25.5	28	9.5	3.2	33	50
Ø40	Ø32	Ø16	M12XP1.25	24	10	15	32	25.5	61	23	1/4	16	M6XP1.0	8	29	140	Ø12	55	23.5	30	12.5	3.2	36	57
Ø50	Ø38	Ø20	M16XP1.5	32	10	15	32	29	61	23	1/4	16	M6XP1.0	8	29	149	Ø12	67.5	28	36.5	12	3.2	47	68
Ø63	Ø38	Ø20	M16XP1.5	32	10	15	32	26	64	26	3/8	16	M8XP1.25	8	32	158	Ø12	79	31	41	13	3.2	56	80
Ø80	Ø47	Ø25	M20XP1.5	40	14	21	38	45	68	26	3/8	20	M10XP1.25	9	32	168	Ø14	96	30	49	16	4	70	97
Ø100	Ø47	Ø25	M20XP1.5	40	14	21	38	45	68	26	1/2	20	M10XP1.25	9	32	168	Ø14	114	30	57	16	4	84	112

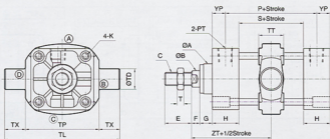
### 備註:

- 1.本系列符合ISO國際標準規格。
- 2.本系列行程超過1500mm(含)以上時,適量(PM)長度增加磁長(尺寸P,S,ZL),適量增加PM尺寸長度(尺寸C)。
- 3.本系列行程超過2000mm(含)以上時,須加拉桿中間固定座(MPB系列不包含)。

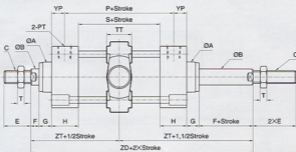
- 1.ISO registered of standard specification.
- 2.The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size P,S,ZL).
- 3.When this series of stroke exceeds(includes) 2000mm,the fixed base of the pull rod must be added in the middle.(But series MPB not be included)

壓鑄鋁合金方型氣壓缸TC尺寸圖  
MT Series TC Dimensional Features(0.99Mpa)

**MTB** MTB+TC TYPE



**MTD** MTD+TC TYPE



MTB-MTD TYPE

TC TYPE

BORE	SIZE	GA	OB	C	E	F	G	H	P	PM	PT	YP	K	T	S	ZT	ZD	TL	TP	TT	OTD	TX	
032	028	012	M10X1.25	22	10	15	32	61	23	1/8	16	M6X1.0	8	29	71.5	143	87	55	30	16	16		
040	032	016	M12X1.25	24	10	15	32	61	23	1/4	16	M6X1.0	8	29	71.5	143	113	63	30	25	25		
050	038	020	M16X1.5	32	10	15	32	61	23	1/4	16	M6X1.0	8	29	71.5	143	126	76	30	25	25		
063	038	020	M16X1.5	32	10	15	32	64	26	3/8	16	M8X1.25	8	32	73	146	138	88	30	25	25		
080	047	025	M20X1.5	40	14	21	38	68	26	3/8	20	M10X1.25	9	32	89	178	164	114	35	25	25		
0100	047	025	M20X1.5	40	14	21	38	68	26	1/2	20	M10X1.25	9	32	89	178	182	132	40	25	25		

## 備註:

1. 本系列符合ISO國際標準規格。
2. 本系列行程超過1500mm(含)以上時, 活塞(PM)長度須加長(尺寸P,S,ZT,ZD須再加PM尺寸長度乙式)。
3. MP系列無此TC配件。

1. ISO registered of standard specification.
2. The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size P,S,ZT,ZD).
3. SMP series without TC accessories.

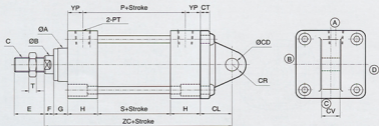
Series

# MT(P)-CA, CB

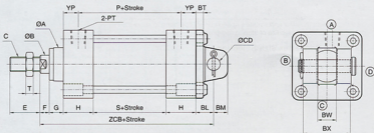
壓鑄鋁合金方型氣壓缸CA, CB尺寸圖

MT Series CA, CB Dimensional Features(0.99Mpa)

## MTB MT(P)B+CA TYPE



## MTB MT(P)B+CB TYPE



MT(P)B TYPE

NO	SIZE	MT(P)B TYPE														CA TYPE				CB TYPE					
		GA	OB	C	E	F	G	H	P	PM	PT	YP	T	S	ZCB	ZC	OCD	CL	CR	CT	CV	BL	BM	BT	BW
Q32	Q38	Q12	M10X1.25	22	10	15	32	61	23	1/8	16	8	29	139	139	Q12	21	14	8	16	21	11	8	16	32
Q40	Q32	Q16	M12X1.25	24	10	15	32	61	23	1/4	16	10	29	137	152	Q14	34	14	10	20	19	13	8	20	44
Q50	Q38	Q20	M16X1.5	32	10	15	32	61	23	1/4	16	8	29	137	152	Q14	34	15	10	20	19	15	8	20	52
Q63	Q38	Q20	M16X1.5	32	10	15	32	64	26	3/8	16	8	32	140	155	Q14	34	15	10	20	19	15	8	20	52
Q80	Q47	Q25	M20X1.5	40	14	21	38	68	26	3/8	20	9	32	175	191	Q20	48	20	14	32	32	21	11	32	64
Q100	Q47	Q25	M20X1.5	40	14	21	38	68	26	1/2	20	9	32	175	191	Q20	48	20	14	32	32	21	11	32	64

## 備註:

1. 本系列符合ISO國際標準規格。
2. 本系列行程超過1500mm(含)以上時, 活塞(PM)長度須加倍長(尺寸P, S, ZC, ZCB須再加PM尺寸長度之次)。
3. 本系列行程超過2000mm(含)以上時, 須加拉桿中間固定座(MPB系列不在此)。

1. ISO registered of standard specification.
2. The series stroke exceed (includes) 1500mm, should redouble length (PM) of piston. (Add twice length PM of size P, S, ZC, ZCB).
3. When this series of stroke exceeds (includes) 2000mm, the fixed base of the pull rod must be added in the middle. (But series MPB not be included)