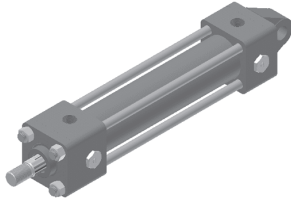


HC2系列油壓缸



■ 特性

- 1、廣泛應用於產業機械及工作機械上。
- 2、多樣的固定座形式。
- 3、低速性優良的高精度動作。
- 4、緩慢順滑之緩衝效果。

■ 規格表

項 目				型 式		HC2 70	HC2 140
缸管內徑 mm						φ 40, φ 50, φ 63, φ 80, φ 100, φ 125, φ 150	
固定座形式						LA, LB, FA, FB, FC, FD, CA, SD, TA, TC,	
※1 使用壓力 kgf/cm ²						70	140
最高使用壓力 kgf/cm ²	後蓋端內壓					90	180
	前蓋端 內 壓	活 塞 杆 徑 記 號	B		135	180	
			C		110	140	
			最低作動壓力 kgf/cm ²				3 以下
最高使用速度 mm/sec	缸管內徑	40~63		400			
		80~125		300			
		140~150		200			
最低使用速度 mm/sec						8	
※2 最大衝程 mm	缸管內徑	40,50		1200			
		63,80		1600			
		100~150		2000			
衝程之容許差						JIS B 8354 A級	
活 塞 杆 前 端 螺 紋 精 度						JIS B 0211-6g(2級)	
周圍溫度範圍 ℃						-10~+80	

※1、最高使用壓力是指包含瞬間上升之衝壓，而且強度上可以使用之最高壓力而言。

※2、最大衝程是依彎曲強度低值而求得——彎曲強度限制衝程；參考(DRAW)。

■ 衝程之容許差

衝程 mm	~100	100~250	250~630	630~1000	1000~1600	1600~
容許差 mm	+0.8	+1.0	+1.25	+1.4	+1.6	+1.8

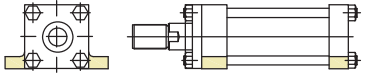
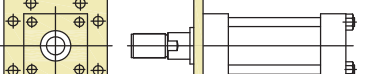
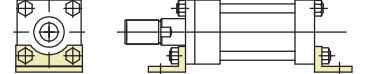
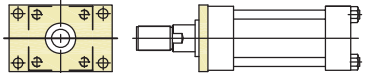
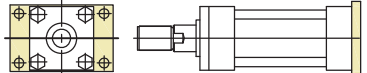
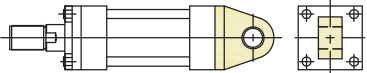
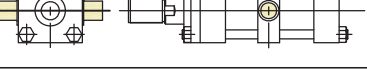
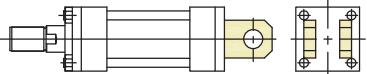
※依公式計算出大概重量，基本重量及加算重量其數值，因記載於各固定座形式之外觀尺寸圖上，所以可在各固定座形式之外觀尺寸圖上計算。

HC2

■ 訂購內容索引

1	2	3	4	5	6	7	8	9	10	11	12	13
140	HC1	LA	125	B	100	B	A	B	D	E		V
140	HC1R	LA	125	B	100	B	A	B	D	E	R	V
1	使用壓力 kgf/cm ²											

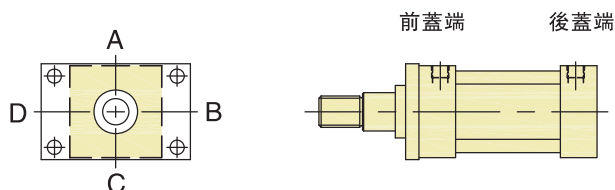
■ 固定座形式

記號	名稱	略圖	記號	名稱	略圖
LA	軸直角 方向腳架形		FC	前蓋端 正方形法蘭形	
LB	軸方向腳架形		FD	後蓋端 正方形法蘭形	
FA	前蓋端 長方形法蘭形		TA	前蓋附支撐形	
FB	後蓋端 長方形法蘭形		TC	中間 固定支撐形	
CA	山形座 (1山形)		SD	基本形	
CB	山形座 (2山形)				

HC2

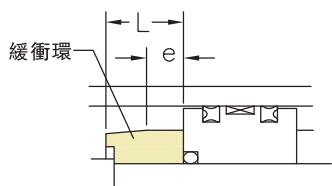
■ 出入口緩衝調整器及排氣孔的方向

各個之方向是從前蓋端看順時針方向依 A B C D 排成標準之方向是出入口在 A 緩衝調整器在 B 排氣孔在 D
注：出入口和緩衝調整器不可在同一方向。



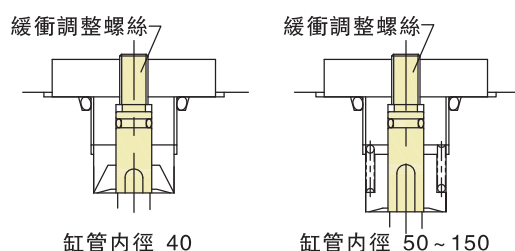
■ 緩衝

因為緩衝環是經過特殊之節流加工，使得有緩慢順滑之緩衝效果。如在各端面距離3mm左右停止，其緩衝效果會很不良，請要注意。然而，緩衝環平行處（e尺寸）如要較長可以製造，請再詳細商談。



缸管內徑	32,40	50,63	80~160
緩衝環之長度(L)	20	20	25
平行處之長度(e)	10	8	8

■ 緩衝調整器



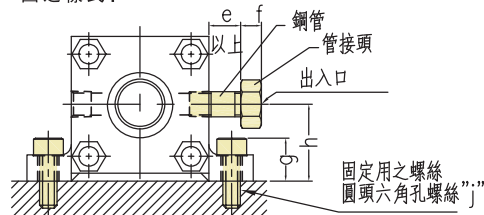
- ※請配合機械作動而調整。
- ※順時針方向旋轉調整螺絲的話，緩衝時間就較長。
- ※調整螺絲正逆旋轉都會停止(不用擔心調整螺絲掉落)。

■ 固定座形式

	推出	拉入	推出及拉入
FA			根據推出或拉入出力大的一方為基準選擇下列任何二種固定座同樣大。
FB			
LA LB			
CA CB	衝程如操超過1000mm以上時，請不要橫向安裝。		

■ 軸直角脚架形(LA形)配管上需注意

LA形缸管內徑40~100出入口方向使用在B(右)或者D(左)，其配管接頭會幹涉到油壓缸固定用螺絲而無法配管，在使用這種形式時，請參考下圖之樣式：



缸管內徑	a	e	f	g	h	j
40	3/8	27	30	24	37.5	M10
50	1/2	33	40	29	45	M12
63	1/2	36	40	35	50	M16
80	3/4	40	42	41	60	M16
100	3/4	46	42	47	71	M20

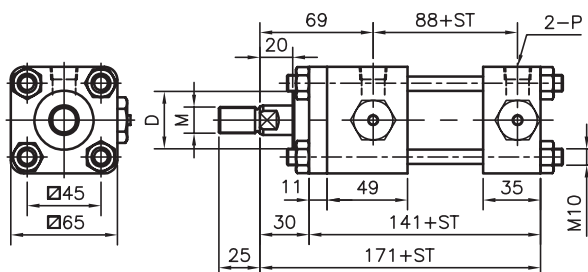
※如使用鎖入形配管接頭時請參照上圖選擇長形種類。

■ 尺寸圖

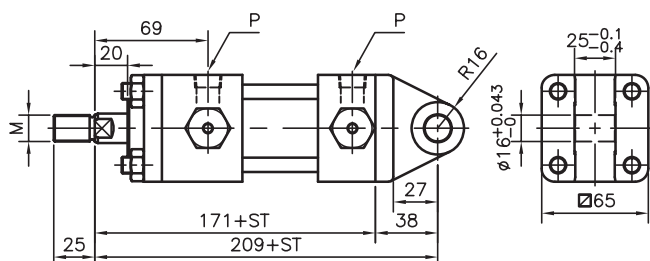
HC2- $\phi 40$

SD

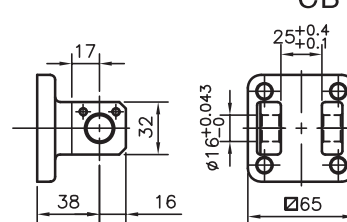
TYPE	ROD	M	D	P
A	$\phi 18$	M16*P1.5	$\phi 36$	Rc3/8"
B	$\phi 22.4$	M20*P1.5	$\phi 40$	G 3/8"



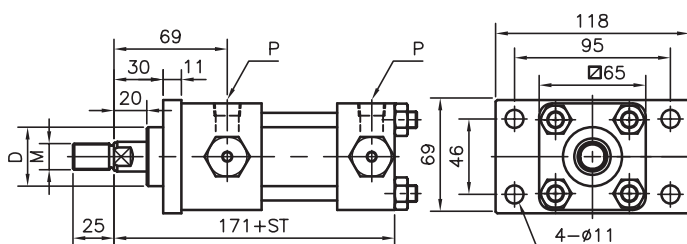
CA



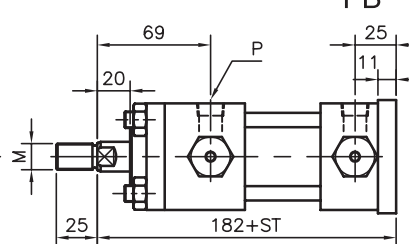
CB



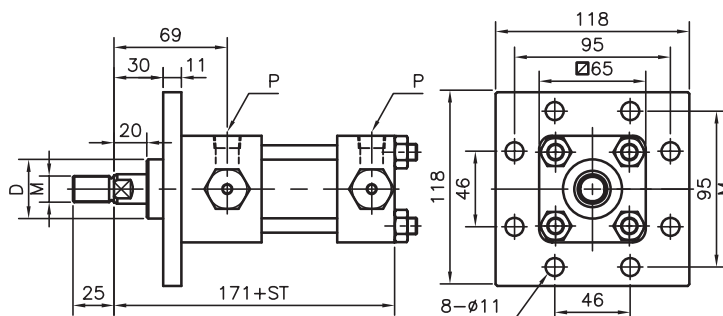
FA



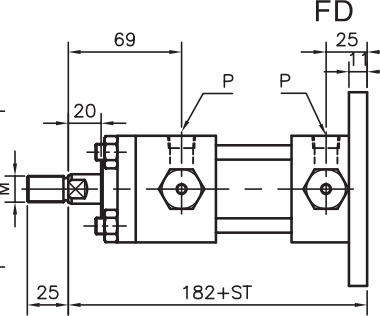
FB



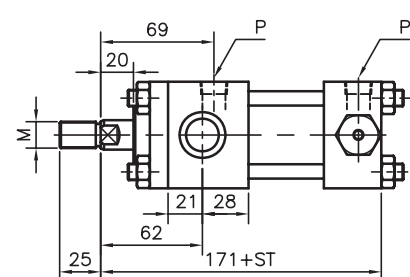
FC



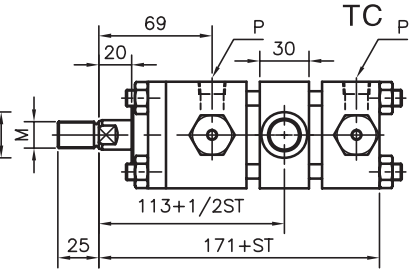
FD



TA



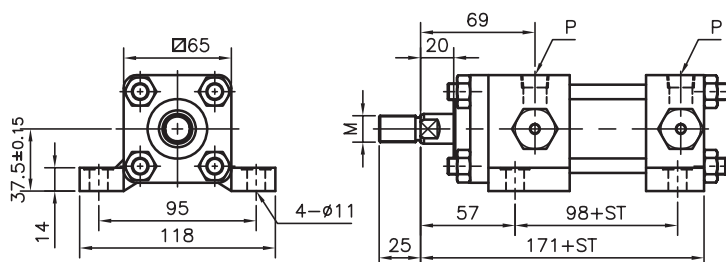
TC



■ 尺寸圖

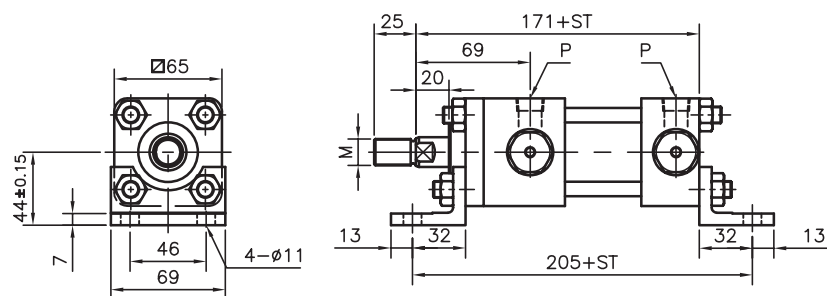
HC2-φ40

LA

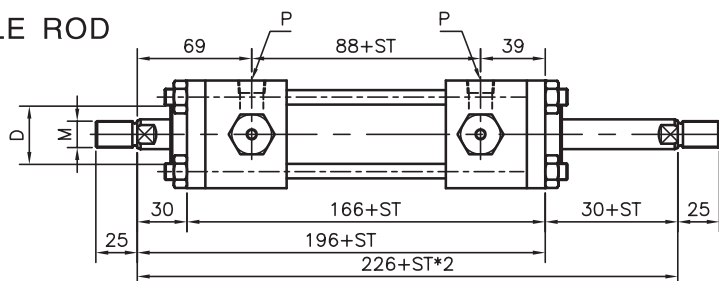


TYPE	ROD	M	D	P
A	φ 18	M16*P1.5	φ 36	Rc3/8"
B	φ 22.4	M20*P1.5	φ 40	G 3/8"

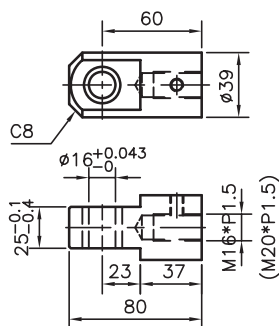
LB



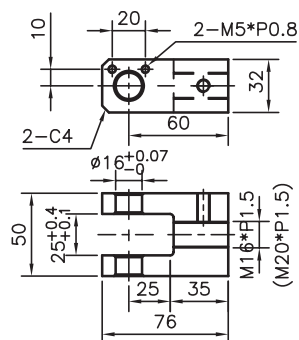
DOUBLE ROD



I接頭



Y接頭



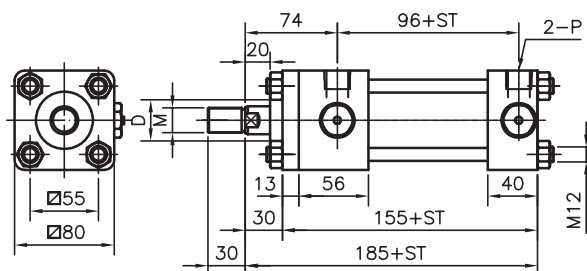
■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= W1 + (W2 * ST)= 4.4 + (0.9 * 2)= 6.2 kg

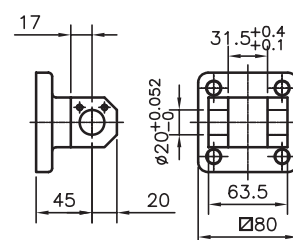
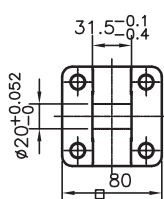
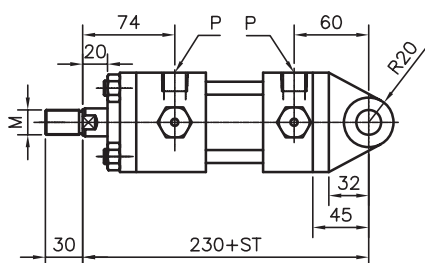
連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD φ 18=W1 (kg)	4.1	4.4	4.7	4.8	5.2	4.7	4.8	4.5	4.6	4.2	4.7
ROD φ 22.4=W1 (kg)	4.2	4.5	4.8	5.0	5.3	4.8	4.9	4.6	4.7	4.3	4.8
W2 (kg/100mm)	ROD φ 18=0.9					ROD φ 22.4=1.0					

HC2-φ50

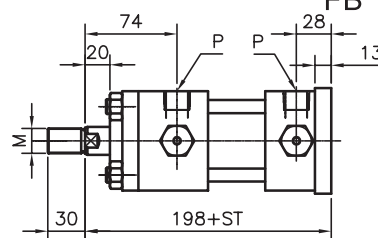
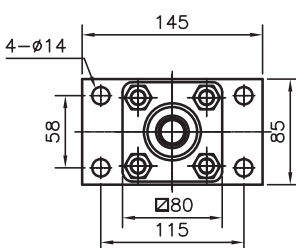
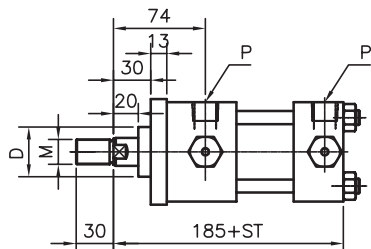
TYPE	ROD	M	D	P
A	φ 22.4	M20*P1.5	φ 40	Rc 1/2"
B	φ 28	M24*P1.5	φ 46	G 1/2"



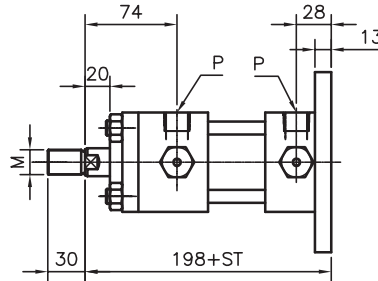
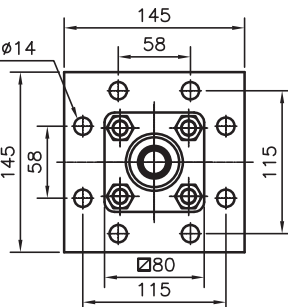
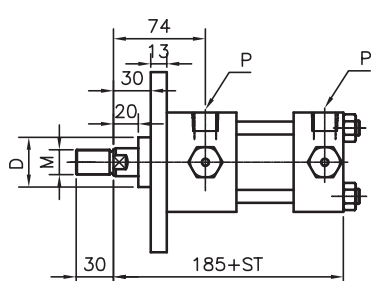
CB



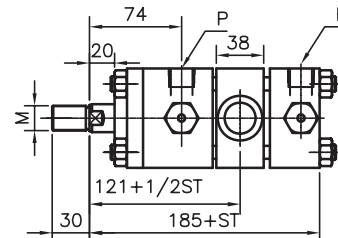
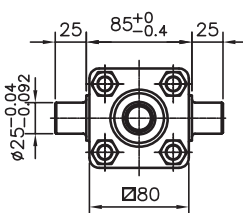
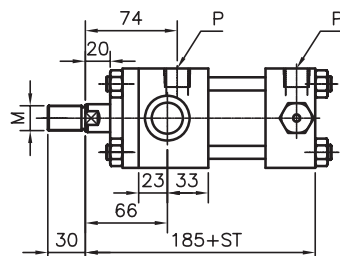
FB



FD



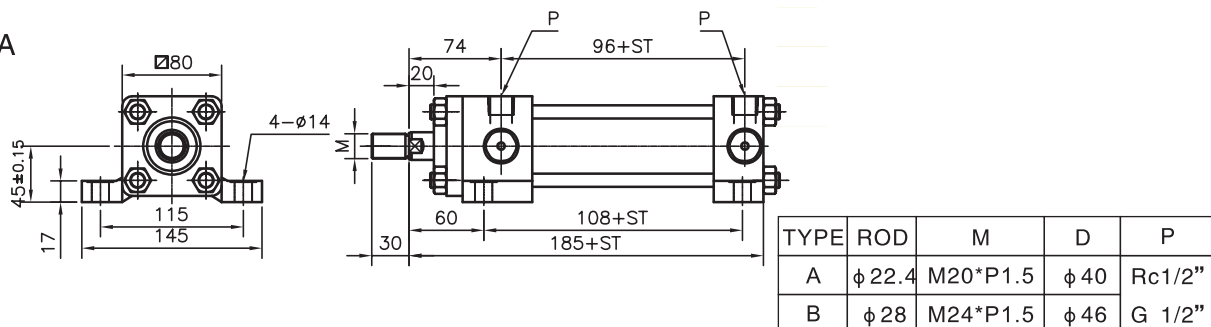
TC



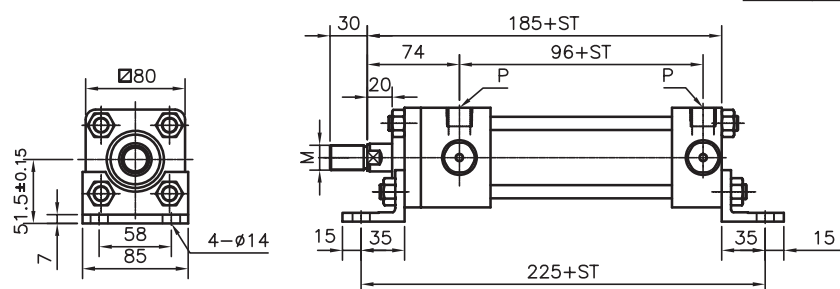
■ 尺寸圖

HC2- $\phi 50$

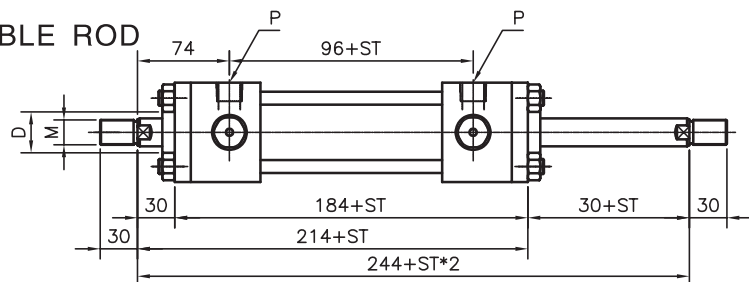
LA



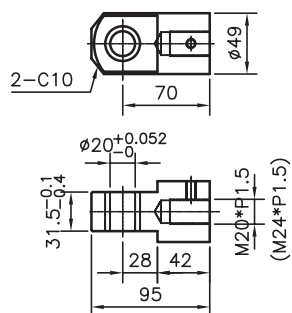
LB



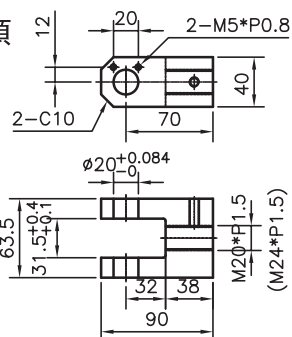
DOUBLE ROD



I接頭



Y接頭



■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= $W1 + (W2 * ST) = 7.2 + (1.2 * 2) = 9.6$ kg

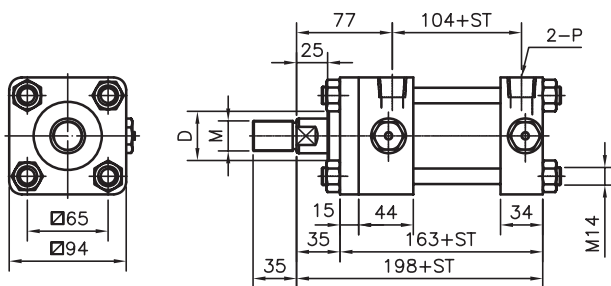
連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD $\phi 22.4=W1$ (kg)	6.7	7.2	7.8	8.0	8.6	7.7	7.9	7.5	7.5	6.8	7.7
ROD $\phi 28=W1$ (kg)	6.6	7.3	7.9	8.1	8.7	7.8	8.0	7.6	7.6	6.9	7.8
W2 (kg/100mm)	ROD $\phi 22.4=1.2$					ROD $\phi 28=1.3$					

■ 尺寸圖

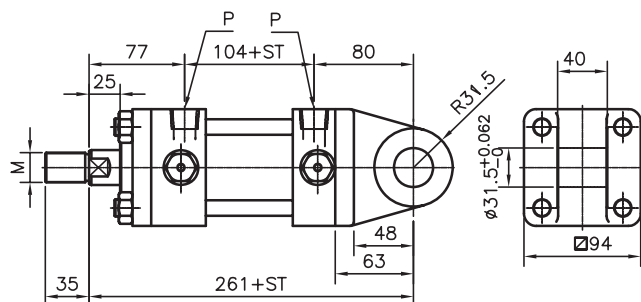
HC2- $\phi 63$

SD

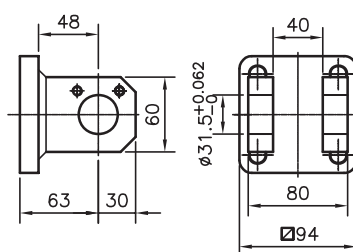
TYPE	ROD	M	D	P
A	$\phi 28$	M24*P1.5	$\phi 46$	Rc1/2"
B	$\phi 35.5$	M30*P1.5	$\phi 55$	G 1/2"



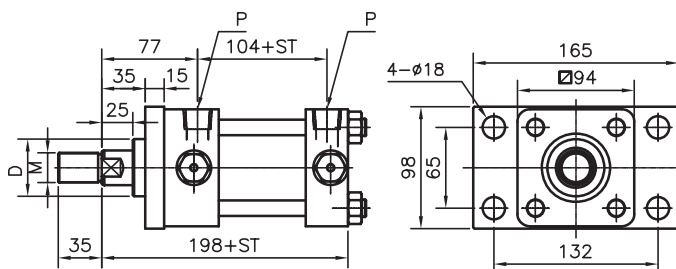
CA



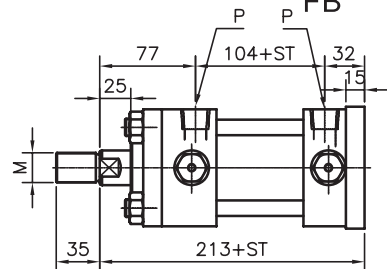
CB



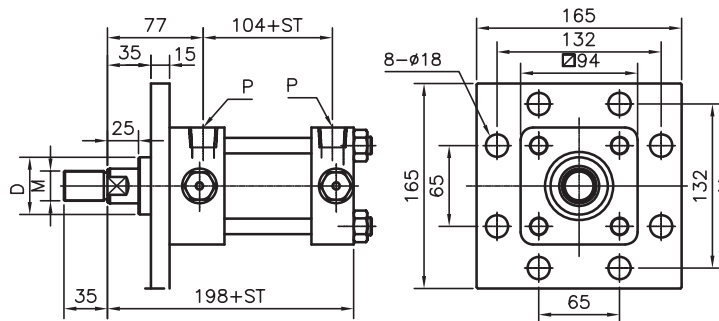
FA



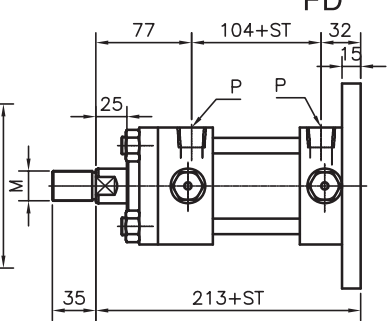
FB



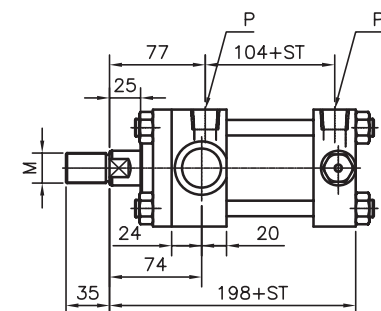
FC



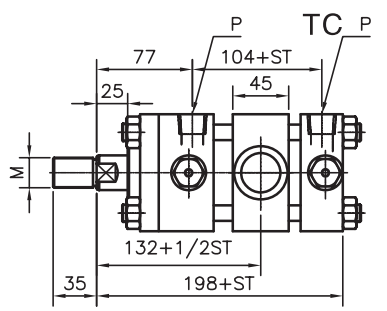
FD



TA



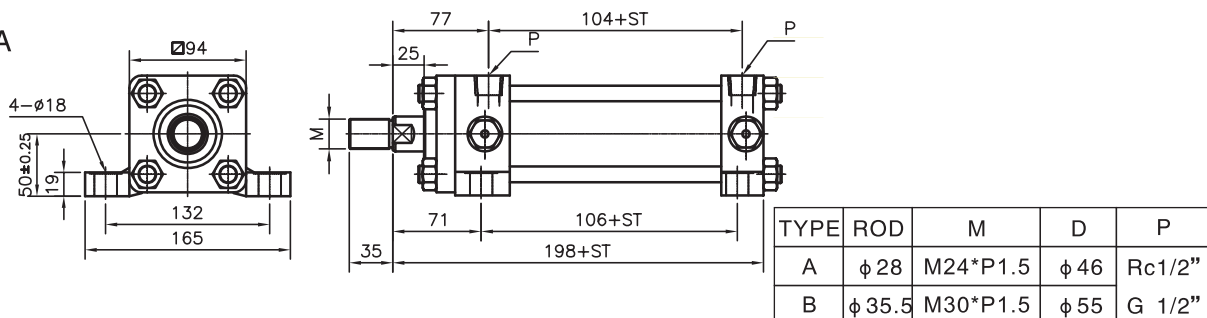
TC



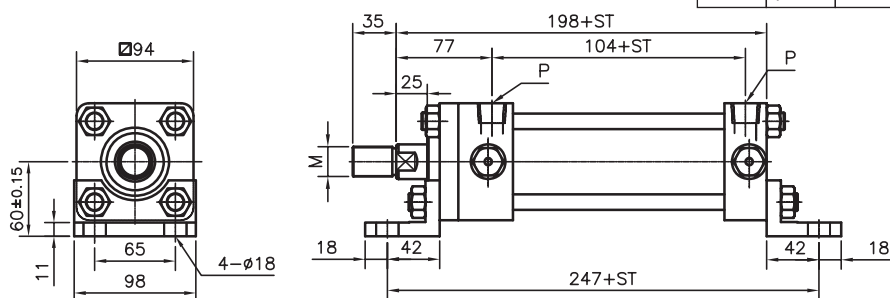
■ 尺寸圖

HC2-φ63

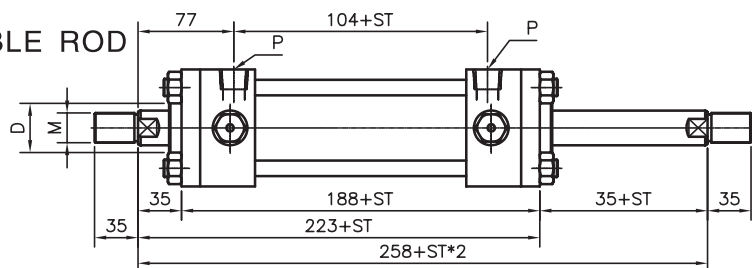
LA



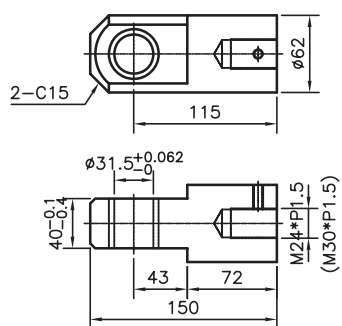
LB



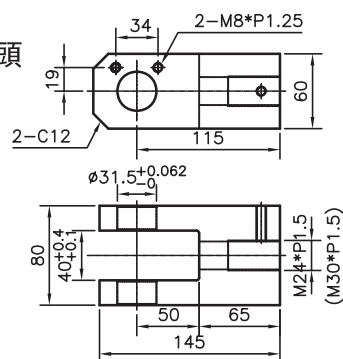
DOUBLE ROD



I接頭



Y接頭



■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= W1 + (W2 * ST)= 10.5 + (1.6 * 2)= 13.7 kg

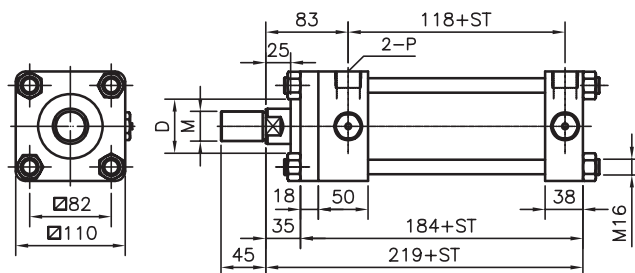
連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD φ28=W1 (kg)	9.8	10.5	11.6	11.7	12.8	12.1	12.8	10.8	11.5	10.3	11.7
ROD φ35.5=W1 (kg)	9.9	10.6	11.7	11.8	12.9	12.1	12.8	10.9	11.6	10.4	11.8
W2 (kg/100mm)	ROD φ28=1.6					ROD φ33.5=1.9					

■ 尺寸圖

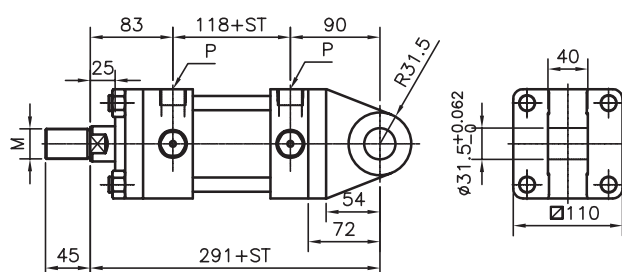
HC2- $\phi 80$

SD

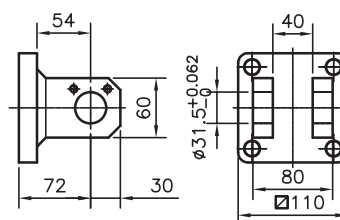
TYPE	ROD	M	D	P
A	$\phi 35.5$	M30*P1.5	$\phi 55$	Rc3/4"
B	$\phi 45$	M39*P1.5	$\phi 65$	G 3/4"



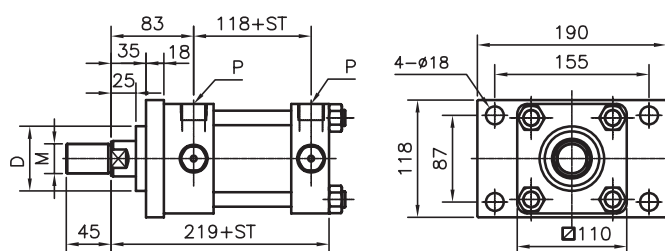
CA



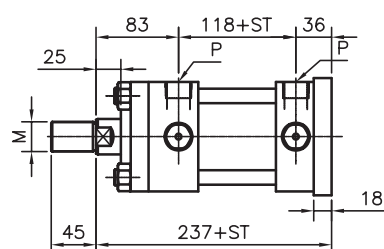
CB



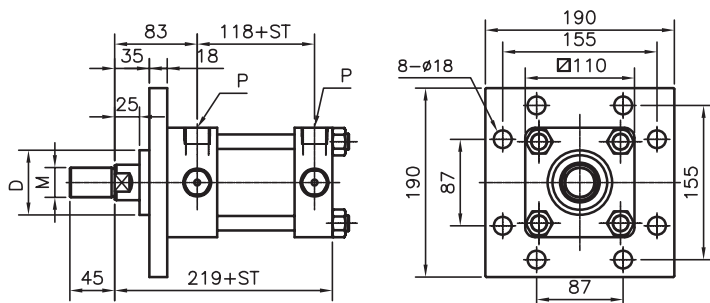
FA



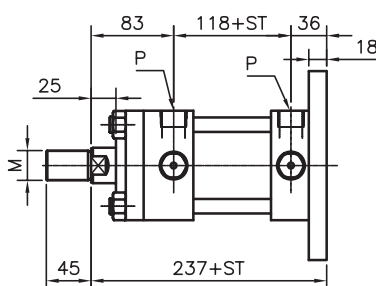
FB



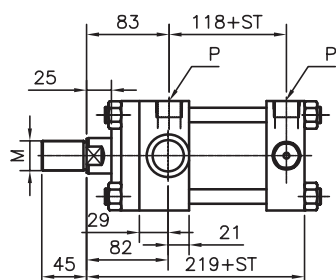
FC



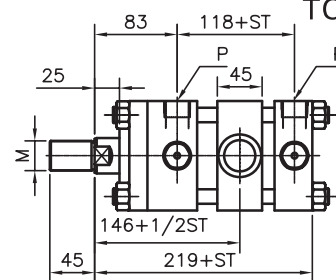
FD



TA



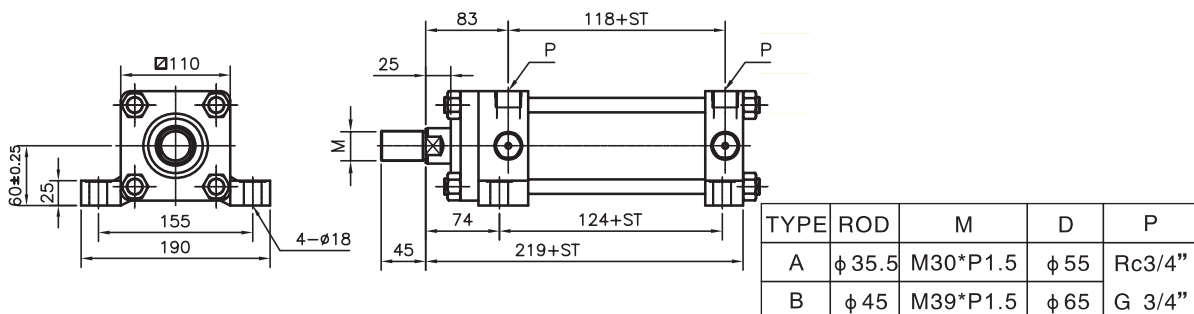
TC



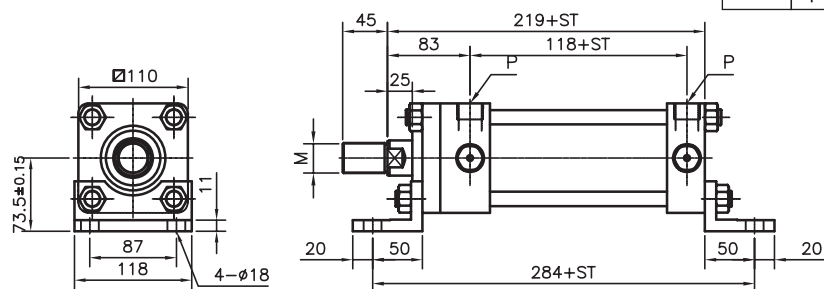
■ 尺寸圖

HC2-φ80

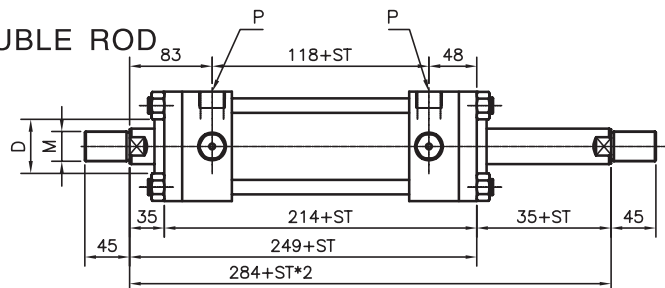
LA



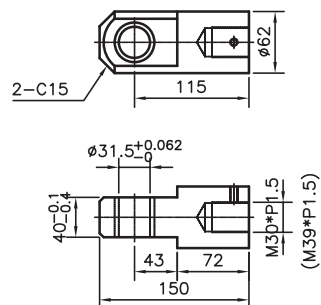
LB



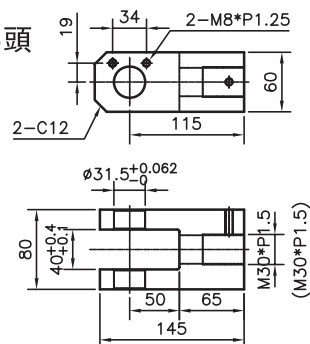
DOUBLE ROD



I接頭



Y接頭



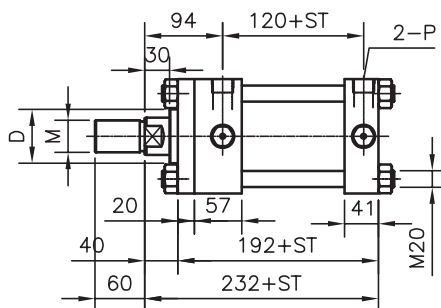
■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= W1 + (W2 * ST)= 16.2 + (2.4 * 2)=21 kg

連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD φ 35.5=W1 (kg)	14.9	16.2	18.0	18.0	19.8	18.0	18.9	16.0	17.3	15.6	17.4
ROD φ 45=W1 (kg)	15.1	16.4	18.4	18.2	20.0	18.4	19.3	16.4	17.7	16.0	17.8
W2 (kg/100mm)	ROD φ 35.5=2.4					ROD φ 45=2.9					

HC2-φ100

TYPE	ROD	M	D	P
A	φ 45	M39*P1.5	φ 65	Rc3/4"
B	φ 56	M48*P1.5	φ 80	G 3/4"



The technical drawing shows two views of a mechanical component:

- Front View (Left):** Shows a cylindrical shaft with a diameter of $\varnothing 40^{+0.062}_{-0}$. The total length is $316 + ST$. Key features include:
 - A threaded section at the left end with a length of 60.
 - A shoulder with a width of 94.
 - A central section with a width of 120 + ST.
 - A second shoulder with a width of 102.
 - A rounded end with a radius of R40.
 - Dimensions 30, P, P, 64, and 84 are also indicated.
- Side View (Right):** Shows a rectangular profile with a height of 50 and a width of $\square 138$. It features four circular holes arranged in a square pattern.

Technical drawing of a shaft-hub assembly. The drawing shows a shaft with a central section of length $120+ST$ and two end sections of length 38 each. The total length of the shaft is $252+ST$. The shaft is mounted on a hub with a total width of 94 . The hub has a central section of length 30 and two end sections of length 60 each. The shaft has a diameter of $\varnothing 30$ and the hub has a diameter of $\varnothing 40$. The shaft is secured with a nut and washer on the left end. The hub is secured with a nut and washer on the right end. The shaft is labeled with M and 20 at the left end, and FB at the right end. The hub is labeled with P and P at the top and bottom of the central section.

[illegible]

Technical drawing of a mechanical assembly showing dimensions and tolerances. The drawing includes a side view and a cross-sectional view. Key dimensions and tolerances are:

- Overall length: $120 + ST$
- Distance from left end to first hole: 94
- Distance from first hole to second hole: 30
- Distance from second hole to third hole: 38
- Distance from left end to third hole: 60
- Distance from third hole to right end: 20
- Distance from left end to right end: $252 + ST$
- Dimension M is indicated on the left side.
- Dimension P is indicated on the top of the assembly.

Technical drawing of a 4-way valve assembly, showing side and front views with dimensions.

Side View Dimensions:

- Overall length: $232 + ST$
- Distance from left face to first port center: 60
- Distance between first and second port centers: 89
- Distance between second and third port centers: 28
- Distance from third port center to right face: 29
- Port diameter: $\varnothing 40_{-0.089}^{+0.05}$
- Port thread: M
- Port offset: 30
- Port pitch: P
- Distance from left face to first port center (alternative): 94
- Distance from first port center to right face (alternative): $120 + ST$

Front View Dimensions:

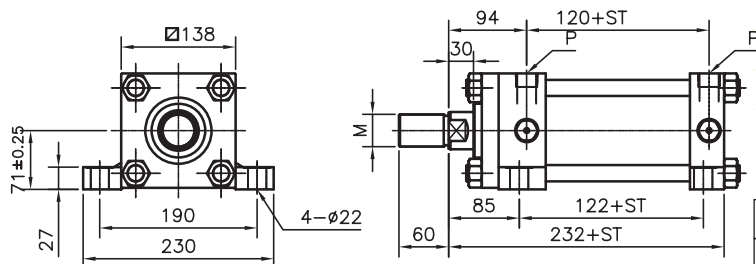
- Overall width: $\varnothing 138$
- Distance from left face to port center: 40
- Distance between port centers: 145
- Distance from port center to right face: 40
- Port thread: M

Technical drawing of a 4-roller assembly. The drawing shows a side view of the assembly with various dimensions and labels. Key dimensions include: 94, 120+ST, 18, 30, 57, 156+1/2ST, 60, 232+ST, and TC. A label 'P' is placed above the rollers, and 'M' is placed near the leftmost roller. The drawing includes a central circular feature and several rectangular components.

■ 尺寸圖

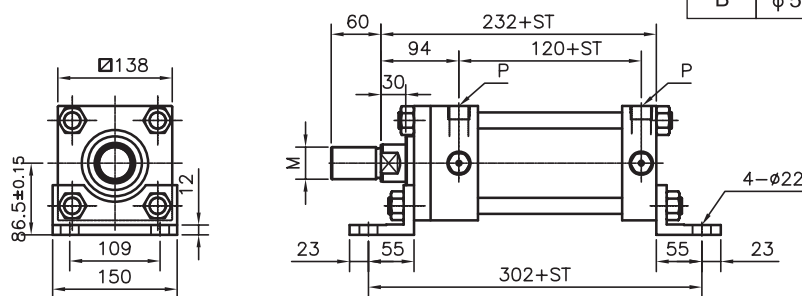
HC2- $\phi 100$

LA

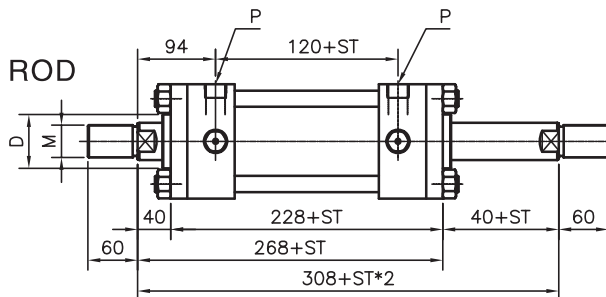


TYPE	ROD	M	D	P
A	$\phi 45$	M39*P1.5	$\phi 65$	Rc3/4"
B	$\phi 56$	M48*P1.5	$\phi 80$	G 3/4"

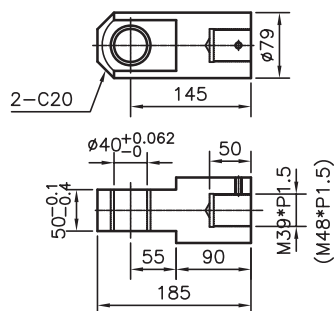
LB



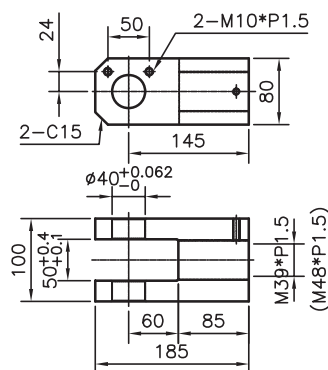
DOUBLE ROD



I接頭



Y接頭



■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= $W1 + (W2 * ST) = 27.3 + (3.8 * 2) = 34.9$ kg

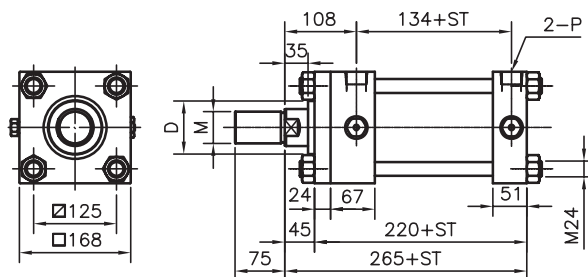
連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD $\phi 45=W1$ (kg)	25.1	27.3	30.3	30.0	33.0	31.3	32.8	26.9	29.0	26.5	30.4
ROD $\phi 56=W1$ (kg)	25.5	27.7	30.7	30.4	33.4	31.7	33.2	27.3	29.4	26.9	30.8
W2 (kg/100mm)	ROD $\phi 45=3.8$					ROD $\phi 56=4.4$					

■ 尺寸圖

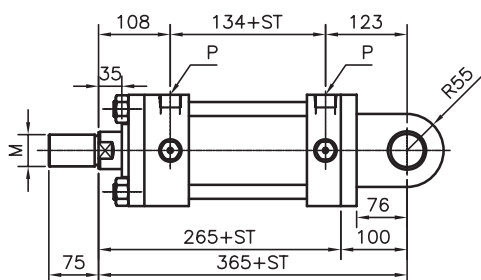
HC2- $\phi 125$

SD

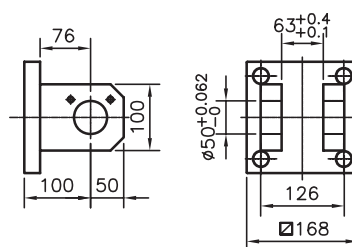
TYPE	ROD	M	D	P
A	$\phi 56$	M48*P1.5	$\phi 80$	Rc 1"
B	$\phi 70$	M64*P2.0	$\phi 95$	G 1"



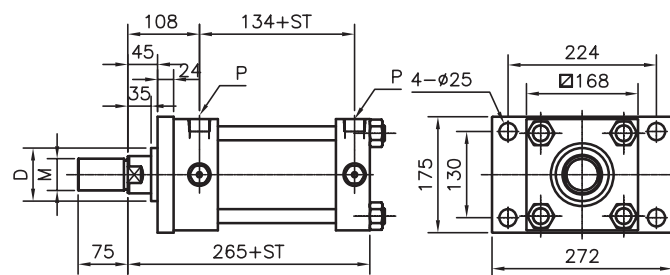
CA



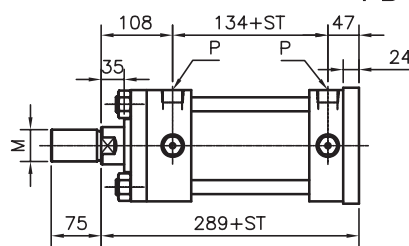
CB



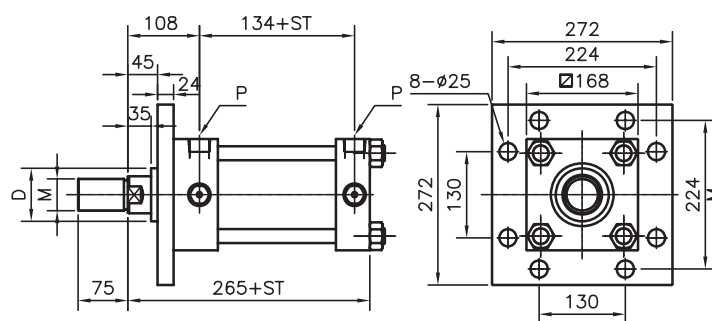
FA



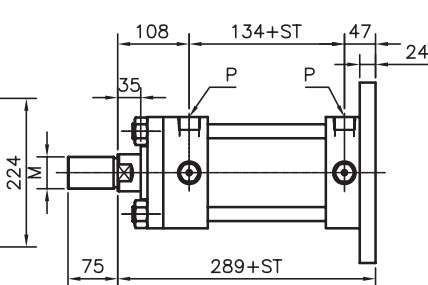
FB



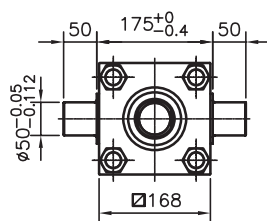
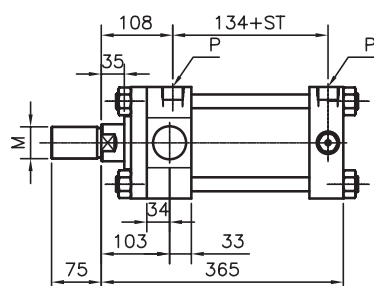
FC



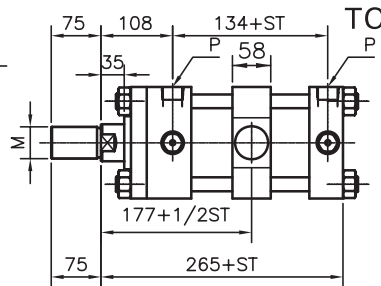
FD



TA



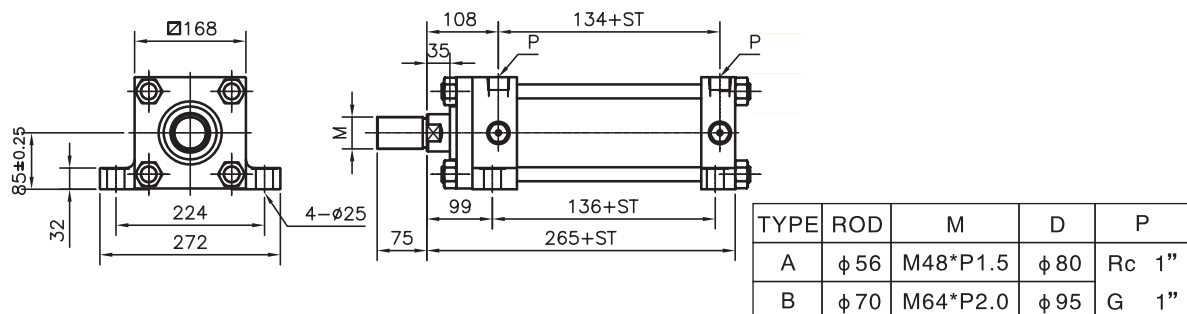
TC



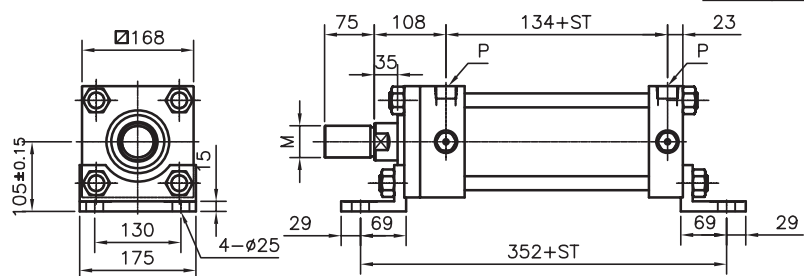
■ 尺寸圖

HC2- $\phi 40$

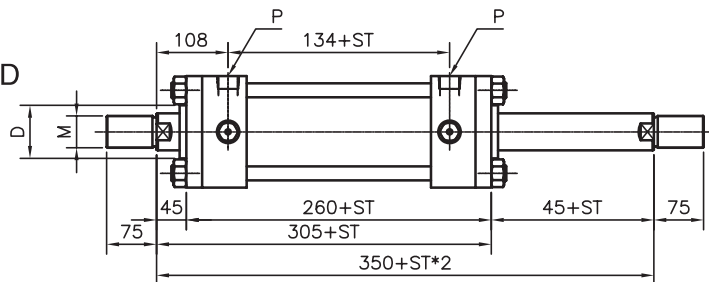
LA



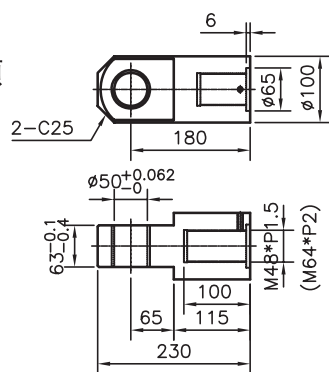
LB



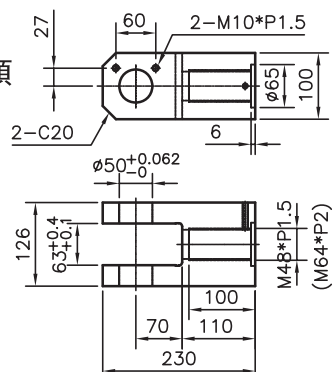
DOUBLE ROD



I接頭



Y接頭



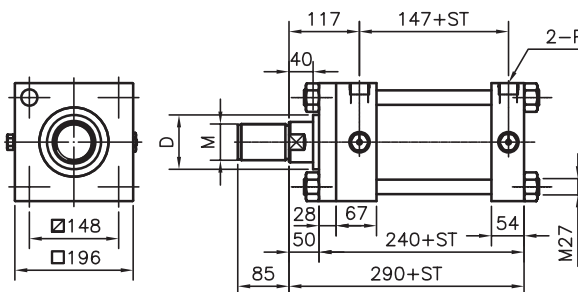
■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= $W1 + (W2 * ST) = 49.7 + (6.6 * 2) = 62.9$ kg

連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD $\phi 56=W1$ (kg)	46.4	49.7	55.1	54.3	59.7	57.2	60.2	49.3	56.3	47.8	54.3
ROD $\phi 70=W1$ (kg)	46.0	50.1	55.5	54.7	60.3	57.8	60.6	49.7	56.7	48.2	54.7
W2 (kg/100mm)	ROD $\phi 56=6.6$					ROD $\phi 70=7.8$					

HC 2-φ 150

TYPE	ROD	M	D	P
A	φ 67	M60*P2.0	φ 90	Rc 1"
B	φ 85	M76*P2.0	φ 110	G 1"



Technical drawing of a mechanical component with dimensions and labels:

- Overall length: 147+ST
- Overall width: 148
- Distance from left face to first hole center: 117
- Distance between hole centers: 147+ST
- Distance from last hole center to right face: 148
- Distance from left face to first hole center (alternative): 85
- Distance from first hole center to last hole center: 412+ST
- Distance from last hole center to right face (alternative): 94
- Distance from last hole center to right face (alternative): 122
- Radius of the right face: R65
- Labels: M, P, P

Technical drawing of a mechanical part showing front and side views with dimensions.

Front View (Left):

- Overall width: 122
- Distance from left edge to center of hole: 94
- Overall height: 130
- Distance from center of hole to right edge: 65
- Central hole diameter: $\varnothing 63^{+0.074}_{-0}$

Side View (Right):

- Overall width: 196
- Distance between center lines of the two main sections: 160
- Distance from left edge to center line of the first section: 80
- Dimension of the first section: $80^{+0.4}_{+0.1}$

[illegible][illegible][illegible]

Technical drawing of a mechanical assembly with dimensions and labels:

- Overall width: 117
- Distance from left edge to first vertical line: 40
- Distance from first vertical line to second vertical line: 147+ST
- Distance from second vertical line to third vertical line: 54
- Distance from third vertical line to right edge: 28
- Overall height: 270
- Distance from left edge to first vertical line: 85
- Distance from first vertical line to second vertical line: 318+ST
- Labels: P, P

Technical drawing of a shaft assembly. The drawing shows a shaft with a central section of length $147+ST$ and a total length of $290+ST$. The shaft is supported by bearings. The distance from the left end to the first bearing is 40 . The distance between the two bearings is 117 . The distance from the second bearing to the right end is 33 . The total length of the shaft is $290+ST$. The distance from the left end to the right end is 85 . The distance from the left end to the center of the shaft is 112 . The distance from the center of the shaft to the right end is 34 . The shaft has a diameter of M at the left end. The shaft is labeled with P at the center and F at the right end.

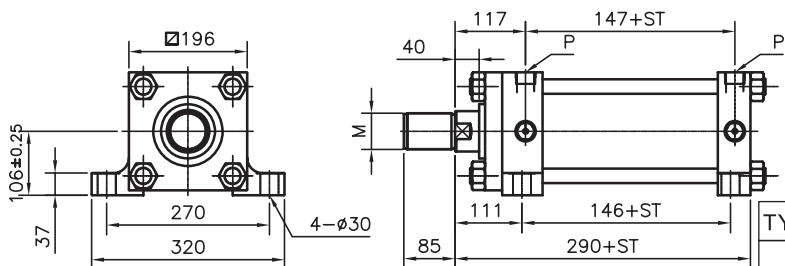
Technical drawing of a three-roller assembly. The drawing shows three rollers mounted on a common shaft. The dimensions are as follows:

- Overall width: 290 + ST
- Distance from left edge to first roller center: 85
- Distance between first and second roller centers: 194 + 1/2 ST
- Distance between second and third roller centers: 147 + ST
- Distance from third roller center to right edge: 117
- Roller diameter: 40
- Roller width: 78
- Roller pitch: P
- Roller mounting distance: M

■ 尺寸圖

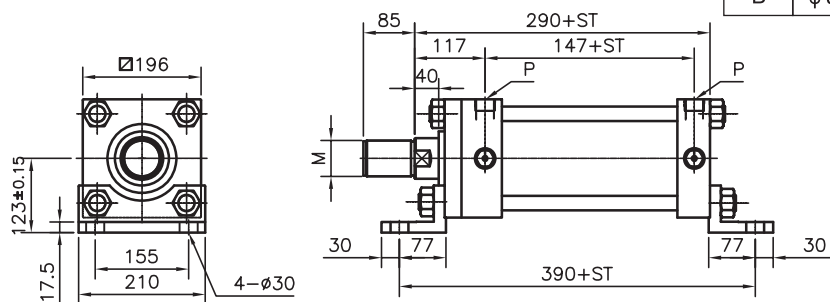
HC2- $\phi 150$

LA

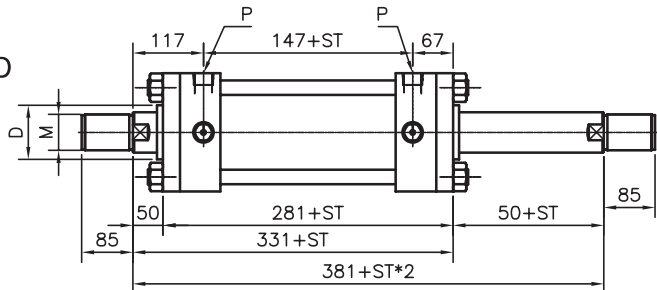


TYPE	ROD	M	D	P
A	$\phi 67$	M60*P2.0	$\phi 90$	Rc 1"
B	$\phi 85$	M76*P2.0	$\phi 110$	G 1"

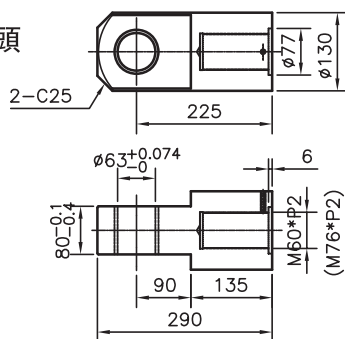
LB



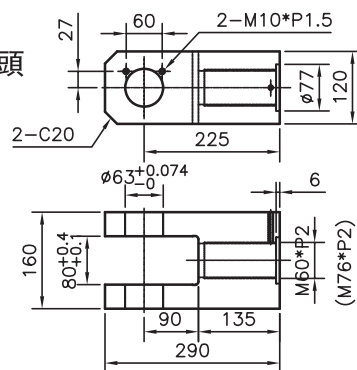
DOUBLE ROD



I接頭



Y接頭



■ 油壓缸大概重量計算

EX : FA, ST=200mm weight= W1 + (W2 * ST)= 76.2 + (9.6 * 2)=95.4 kg

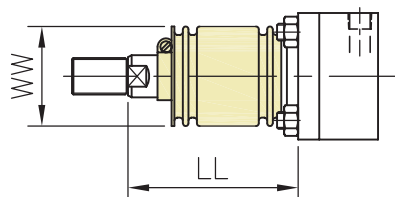
連接形式	SD	FA	FB	FC	FD	CA	CB	LA	LB	TA	TC
ROD $\phi 67$ =W1 (kg)	70.5	76.2	84.9	83.3	90.4	87.3	92.0	72.2	88.5	76.4	84.1
ROD $\phi 85$ =W1 (kg)	84.1	79.8	88.5	86.9	95.6	90.9	95.6	80.2	92.1	80.0	87.7
W2 (kg/100mm)	ROD $\phi 67$ =9.6					ROD $\phi 85$ =11.2					

HC 2

■ 防塵套尺寸

φ 40, φ 50	1/2.5ST+X
φ 63 ~ φ 100	1/3ST+X
φ 125, φ 150	1/3.5ST+X

內徑	φ 40	φ 50	φ 63	φ 70	φ 80	φ 90	φ 100	φ 125	φ 150
WW	φ 50	φ 63	φ 71	φ 71	φ 80	φ 90	φ 100	φ 125	φ 150
LL	47	50	61	61	55	60	60	69	70

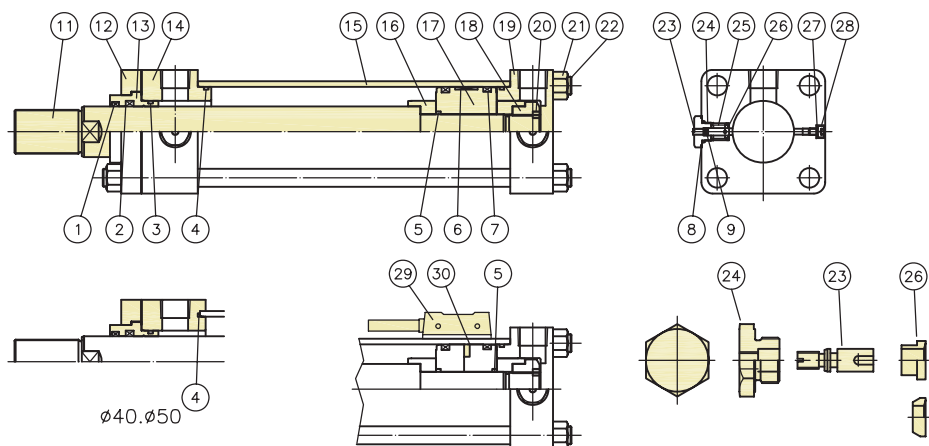


■ 技術參數

缸管內徑 mm	活塞杆徑 mm	動 作	有效面積 cm ²	出 力				流量10L/ 分之速度	速度10mm/ 秒之流量
				30kgf/cm ²	70kgf/cm ²	140kgf/cm ²	210kgf/cm ²		
40		推力	12.6	377	880	1759	2639	132.9	0.8
	18	拉力	10.0	301	702	1403	2105	166.6	0.6
	22.4		8.6	259	604	1208	1811	193.6	0.5
50		推力	19.6	589	1374	2749	4123	85.1	1.2
	22.4	拉力	15.7	471	1099	2197	3296	106.4	0.9
	28		13.5	404	943	1887	2830	123.9	0.8
63		推力	31.2	935	2182	4364	6546	53.6	1.9
	28	拉力	25.0	750	1751	3502	5253	66.8	1.5
	35.5		21.3	638	1489	2978	4468	78.5	1.3
80		推力	50.3	1508	3519	7037	10556	33.2	3.0
	35.5	拉力	40.4	1211	2826	5651	8477	41.4	2.4
	45		34.4	1031	2045	4811	7216	48.6	2.1
100		推力	78.5	2356	5498	10996	16493	21.3	4.7
	45	拉力	62.6	1879	4384	8769	13153	26.7	3.8
	56		53.9	1671	3774	7547	11321	31.0	3.2
125		推力	122.7	3682	8590	17181	25771	13.6	7.3
	56	拉力	98.1	2943	6866	13732	20599	17.0	5.9
	70		84.2	2527	5896	11793	17689	19.8	5.0
150		推力	176.7	5301	12370	24740	37110	9.5	10.6
	67	拉力	141.5	4244	9902	19804	29706	11.8	8.5
	85		120.0	3599	8398	16796	25194	13.9	7.2
180		推力	254.5	7634	17813	35626	53438	6.6	15.2
	80	拉力	204.2	6126	14294	28588	42883	8.2	12.2
	100		175.9	5278	12315	24630	36945	9.5	10.5
200		推力	314.2	9425	21991	43982	65973	5.3	18.8
	90	拉力	250.5	7516	17538	35076	52614	6.7	15.0
	110		219.1	6574	15339	30678	46016	7.6	13.1
250		推力	490.9	14726	34361	68722	103084	3.4	29.4
	110	拉力	395.8	11875	27709	55418	83127	4.2	23.7
	140		336.9	10108	23586	47171	70757	5.0	20.2

※上表中，HC2系列缸管內徑φ 180，φ 200，φ 250無目錄如欲訂購，敬請洽詢。

H C 2



■ 零件名稱及材質表

NO	名 稱	材 質	Q'TY	NO	名 稱	材 質	Q'TY
11	活塞杆	機械構造用碳鋼	1	21	六角螺帽	一般構造用軋鋼	4
12	壓板	一般構造用軋鋼	1	22	支杆	一般構造用軋鋼	4
13	銅襯	銅合金	1	23	緩衝針	機械構造用碳鋼	2
14	前蓋	一般構造用軋鋼	1	24	緩衝本體	機械構造用碳鋼	2
15	缸管	機械構造用碳鋼管	1	25	彈簧	琴鋼綫	1
16	緩衝環	球狀黑鉛鑄鐵	2	26	襯套	機械構造用碳鋼	1
17	活塞	一般構造用碳鋼	1	27	銅墊片	銅合金	2
18	緩衝螺帽	機械構造用碳鋼	1	28	六角承窩螺絲	機械構造用碳鋼	2
19	後蓋	一般構造用軋鋼	1	29	感測器		
20	防鬆螺絲	機械構造用碳鋼	1	30	磁石		

■ 油封規格表

NO	1		2		3	4	5	6	7	8	9
名稱	防塵油封		軸心油封		O型環	O型環	O型環	耐磨片	活塞油封	O型環	O型環
材質	PU		PU		NBR	NBR	NBR	NBR	PU	NBR	NBR
數量 內徑	φ, φ.W 1 mm		φ, φ.W 1 mm		1	2	1	1	2 φ, φ.w mm	1	1
	A	B	A	B							
φ 40	18-24-6	22.4-30.4-6	18-24-5	22.4-30-5	G-25	□40	P-16	40-2.5	40-30-6	P-14	P-5
φ 50	22.4-30.4-6	28-36-6	22.4-30-5	28-35.5-5	G-30	□50	P-20	50-2.5	50-40-6	P-14	P-5
φ 63	28-36-6	35.5-43.5-6	28-35.5-5	35.5-45-6	G-40	G-58	G-25	63-2.5	63-53-6	P-14	P-5
φ 80	35.5-43.5-6	45-53-6.5	35.5-45-6	45-55-6	G-50	G-75	G-30	80-2.5	80-70-6	P-14	P-5
φ 100	45-53-6.5	56-64-6.5	45-55-6	56-66-6	G-60	G-95	P-38	100-2.5	100-85-9	P-14	P-5
φ 125	56-64-6.5	70-80-8	56-66-6	70-80-6	G-75	G-120	G-45	125-2.5	125-112-9	P-18	P-7
φ 150	67-75-6.5	85-95-8	67-77-6	85-100-9	G-90	G-145	G-55	150-2.5	150-136-9	P-18	P-7