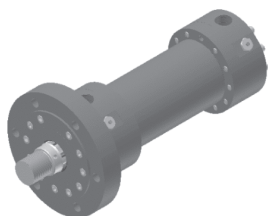


HC6系列油壓缸



■ 特性

- 1、HC6型油壓缸依照 ISO標準而設計。着重于制鐵機械等苛酷環境的應用。
- 2、適用於高載荷及高衝擊等苛酷環境。
- 3、加工精度高，表面處理，油封材質等零件都極為考慮的高性能油壓缸。
- 4、振動，衝擊及瞬間高壓等均安全，且具有緩慢順滑之緩衝效果。

■ 規格表

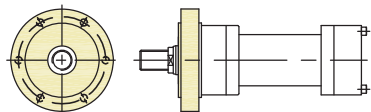
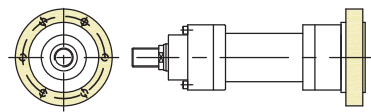
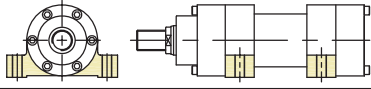
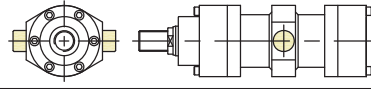
項目	型式	HC6系列
缸管內徑 mm		φ 80, φ 100, φ 125, φ 140, φ 160, φ 180, φ 200, φ 220, φ 250, φ 280, φ 300, φ 320
固定座形式		FA, FB, LA, TC, CA,
使用壓力 kgf/cm ²		160
※1 最高使用壓力 kgf/cm ²		230
最低作動壓力 kgf/cm ²		5
※2 最高使用速度 mm/sec		800
※3 最低使用速度 mm/sec	缸管內徑 mm/sec	80~140 160~320
		30 20
最大衝程 mm		參考彎曲強度限制值 (DRAW)
※4 周圍溫度範圍 °C		-10~+80
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)

※1、最高使用壓力是含瞬間上擠壓，強度上可使用最高壓力。 ※2、負載之慣性而使缸管發生壓力，請使用在最高壓力值下。
 ※3、最低使用速度值，不包含緩衝之行程。 ※4、油封如果使用氟素橡膠VITON材質其溫度可使用至+160°C。

■ 衝程之容許差

衝程 mm	~100	100~250	250~630	630~1000	1000~1600	1600~2000	2000~2500	2500~3000
容許差 mm	+0.8	+1.0	+1.25	+1.4	+1.6	+1.8	+2	+2.5

■ 固定座形式

記號	名 稱	略 圖	記號	名 稱	略 圖		
FA	前蓋端法蘭形		FB	後蓋端法蘭形			
LA	軸直角 方向腳架形		TC	中間 固定支撐形			
CA	山形座 (1山形)		※ 除固定形式TC外，行程未超過100mm必須全部使用系杆式螺絲如下圖				
			缸管內徑 mm	50~80	100~150	140~200	224~250
			衝 程	未滿 100	未滿 150	未滿 200	未滿 250

HC 6

■ 訂購內容索引

210	HC6	FA	00/00	500	N	BAD	S	L-DO,F
-----	-----	----	-------	-----	---	-----	---	--------

使用壓力140/230 kgf/cm²

HC6 系列 _____

固定座形式
FA, FB, LA, TC, CA _____

缸管內徑	活塞杆徑 記 號	
φ 80	φ 45	80/45
	φ 56	80/56
φ 100	φ 56	100/56
	φ 70	100/70
φ 125	φ 70	125/70
	φ 90	125/90
φ 140	φ 90	140/90
	φ 100	140/100
φ 160	φ 100	160/100
	φ 110	160/110
φ 180	φ 110	180/110
	φ 125	180/125
φ 200	φ 125	200/125
	φ 140	200/140
φ 220	φ 140	220/140
	φ 160	220/160
φ 250	φ 160	250/160
	φ 180	250/180
φ 280	φ 180	280/180
	φ 200	280/200
φ 300	φ 180	300/180
	φ 200	300/200
φ 320	φ 200	320/200
	φ 220	320/220

特殊附件:
E: 活塞杆前端另類螺紋形
L: 前端平行接頭: DO, LO
M: 前端球面軸承接頭: DO, LO
F: 附防塵套
K: 附固定螺帽

出入口形式
SSA, SSA-B, LSA, RC, F5

B出入口方向
A緩衝調整器方向
D排氣孔之方向

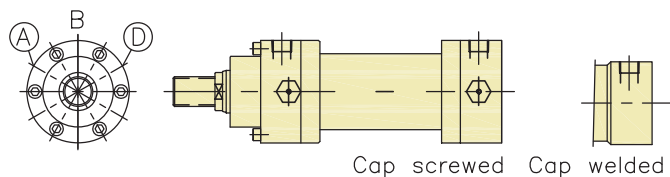
後前蓋端看出入口和緩衝及排氣孔各成多少度

緩衝形式
B: 前後蓋緩衝
R: 前蓋緩衝
H: 後蓋緩衝
N: 沒有緩衝

衝程 mm: 要考慮最大容許衝程

■ 出入口緩衝調整器及排氣孔的方向

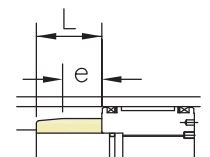
- 缸體和後蓋相擊分為焊接和螺擊兩種如後蓋無緩衝以焊接為主。
- 油孔和緩衝器A及排氣孔D相關位置從前蓋端看所成的度數，無特別注明以標準為主。



HC3

■ 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（L尺寸）如要較長可以制造，請再詳細商談。



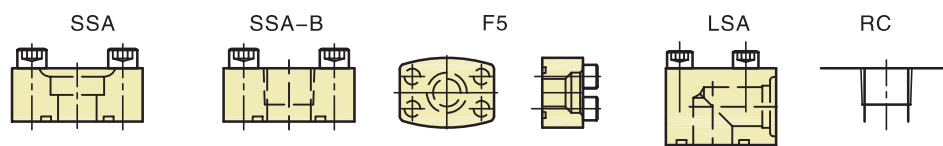
缸管內徑		50 63		80 100		125		140		160		180		200		224 250	
活塞杆徑		A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
前蓋端	緩衝長度（L）	—	35	40		45		50		50		55		65		75	
	平等處長度（e）	—	15	15	10	15	10	15	10	15	10	15	10	15	10	15	10
後蓋端	緩衝長度（L）	30		35		35		35		40		40		40		55	
	平等處長度（e）	10		10		10		10		10		10		10		10	

■ 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
				70kgf/cm ²	105kgf/cm ²	140kgf/cm ²	210kgf/cm ²		
80		推力	50.3	3517	5275	7034	10550	33	3.0
	56	拉力	25.6	1794	2690	3587	5376	65	1.5
	45		34.3	2404	3606	4808	7203	49	2.1
100		推力	78.5	5495	8243	10990	16485	21	4.7
	70	拉力	40.0	2800	4200	5600	8400	41	2.4
	56		53.9	3722	5658	7544	11319	31	3.2
125		推力	122.7	8586	12879	17172	25767	14	7.4
	90	拉力	59.1	4135	6202	8270	12411	28	3.5
	70		84.3	5901	8852	11802	17703	20	5.1
140		推力	153.9	10770	16155	21540	32319	11	9.2
	100	拉力	75.4	5275	7913	10550	15834	22	4.5
	90		90.3	6321	9482	12642	18963	18	5.4
160		推力	201.0	14067	21101	28134	42210	8	12.1
	110	拉力	106.0	7420	11130	14840	22260	16	6.4
	100		122.5	8575	12863	17150	25725	14	7.4
180		推力	254.3	17804	26706	35608	53403	6.6	15.3
	125	拉力	131.7	9218	138267	18436	27657	13	7.9
	110		159.3	11151	16727	22302	33453	10	9.6
200		推力	314	21980	32970	43960	65940	5.3	18.8
	140	拉力	160.1	11210	16815	22420	33621	10	9.6
	125		191.3	13391	20087	26762	40173	8.7	11.5
220		推力	379.4	26558	39837	53116	79674	4.3	22.8
	160	拉力	178.4	12495	18743	24990	37465	9.3	10.7
	140		225.5	15785	23677	31570	47355	7.4	13.5
250		推力	490.6	34344	51516	68688	103026	3.4	29.4
	180	拉力	236.3	16540	24810	33080	49623	7.0	14.2
	160		289.6	20275	30412	40549	60824	5.8	17.4
280		推力	615.4	43078	64617	86156	129234	2.7	36.9
	200	拉力	301.4	21098	31647	42196	63294	5.5	18.1
	180		361.0	25270	37905	50540	75810	4.6	21.7
300		推力	706.5	49455	74182	98910	148365	2.4	42.4
	200	拉力	392.5	27475	41212	54950	82425	4.2	24.6
	180		452.2	31654	47481	63308	94962	3.7	27.1
320		推力	803.8	56266	84399	112532	168798	2.1	48.2
	220	拉力	423.9	29673	45095	59346	89019	3.9	25.4
	200		489.8	34286	51429	68572	102858	3.4	29.4

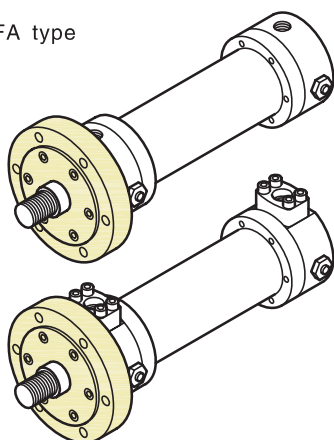
HC3

■ 出入口油壓凸緣

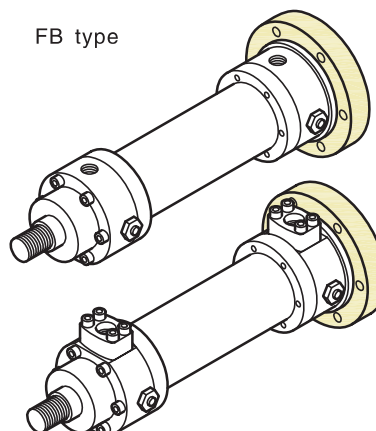


■ 固定座形式

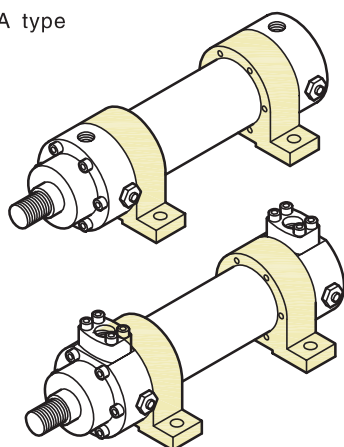
FA type



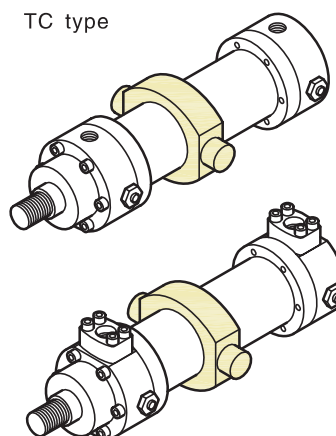
FB type



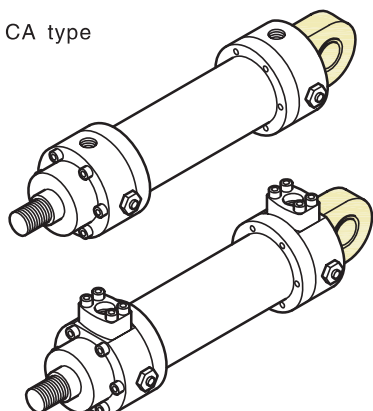
LA type



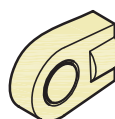
TC type



CA type



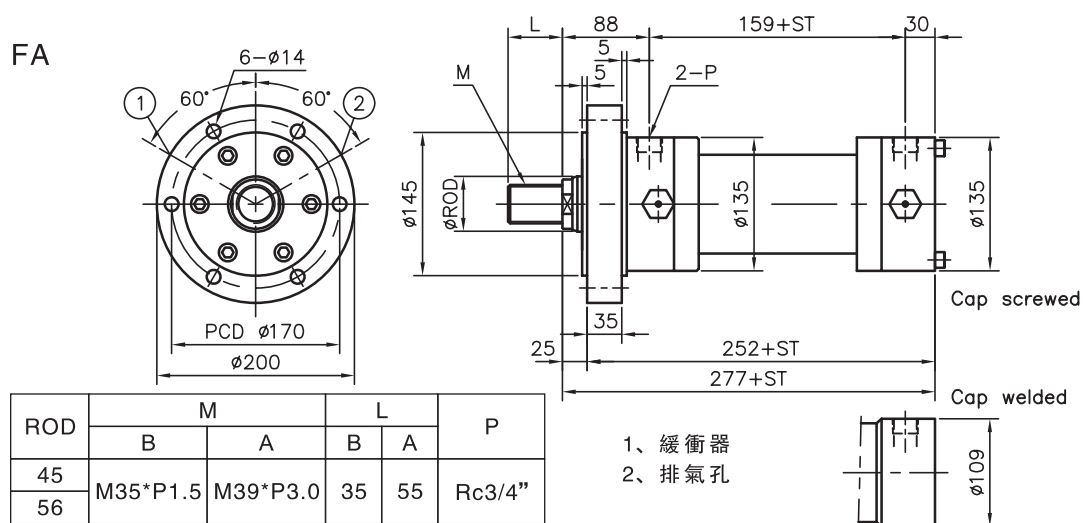
軸承接頭



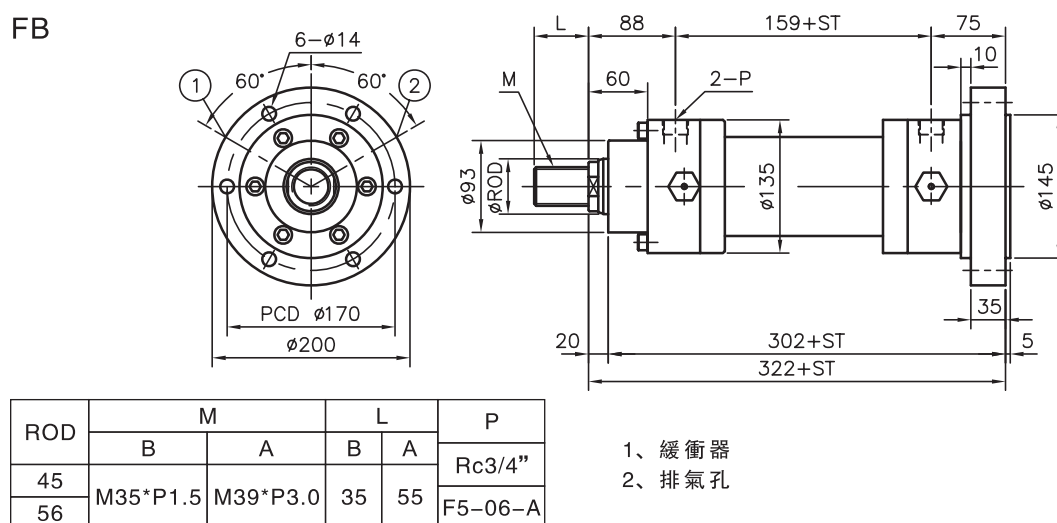
■ 尺寸圖

HC6- $\phi 80$

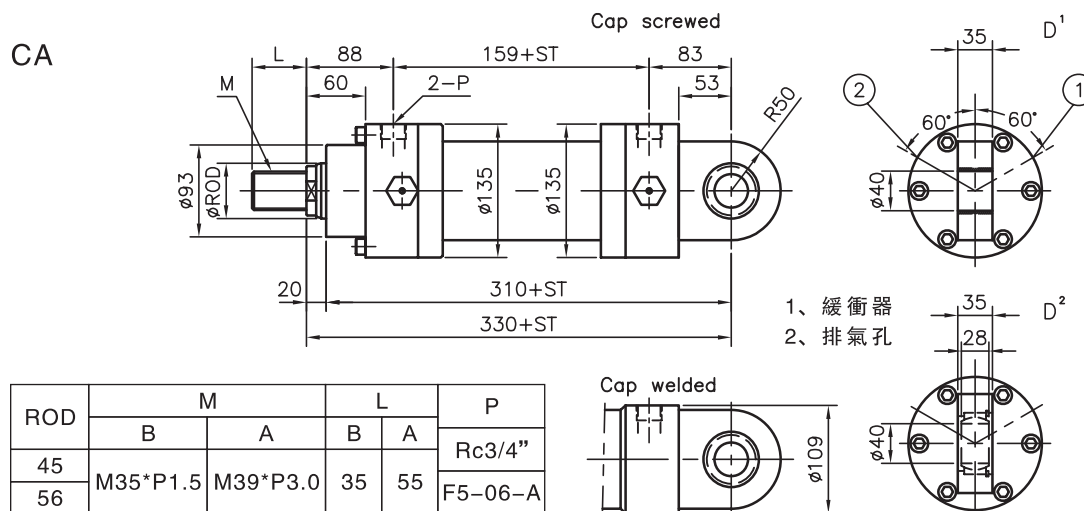
FA



FB



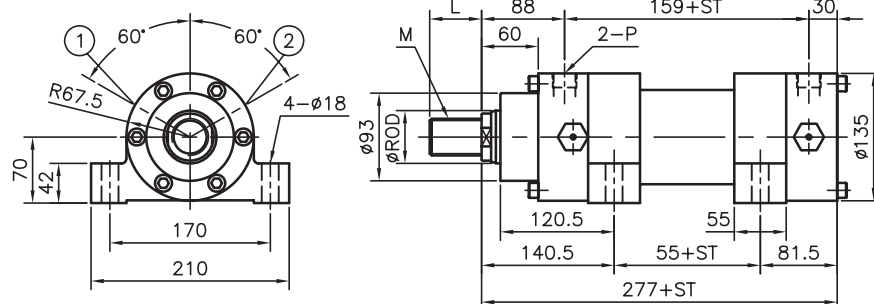
CA



■ 尺寸圖

HC6- $\phi 80$

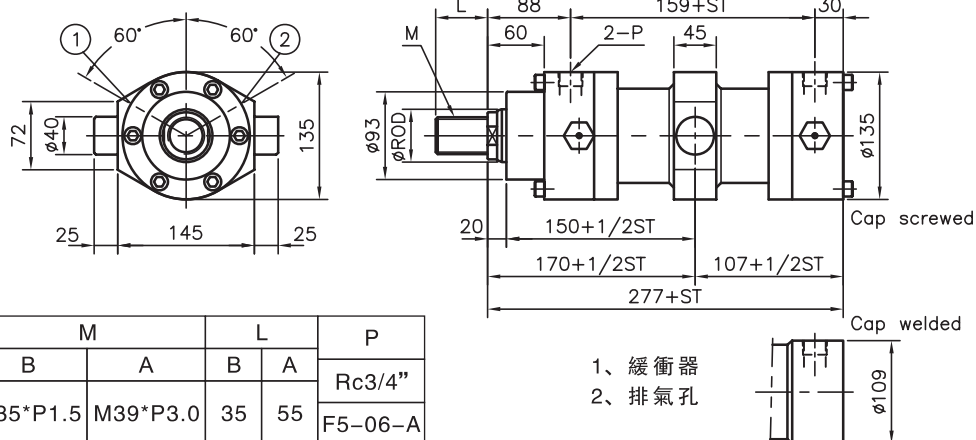
LA



ROD	M		L		P
	B	A	B	A	
45	M35*P1.5	M39*P3.0	35	55	Rc3/4"
56					F5-06-A

- 1、緩衝器
2、排氣孔

TC

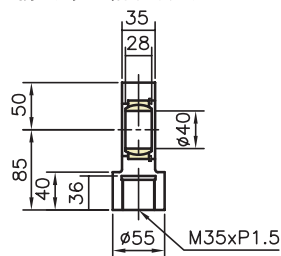


ROD	M		L		P
	B	A	B	A	
45	M35*P1.5	M39*P3.0	35	55	Rc3/4"
56					F5-06-A

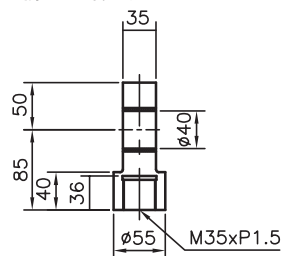
- 1、緩衝器
2、排氣孔

接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

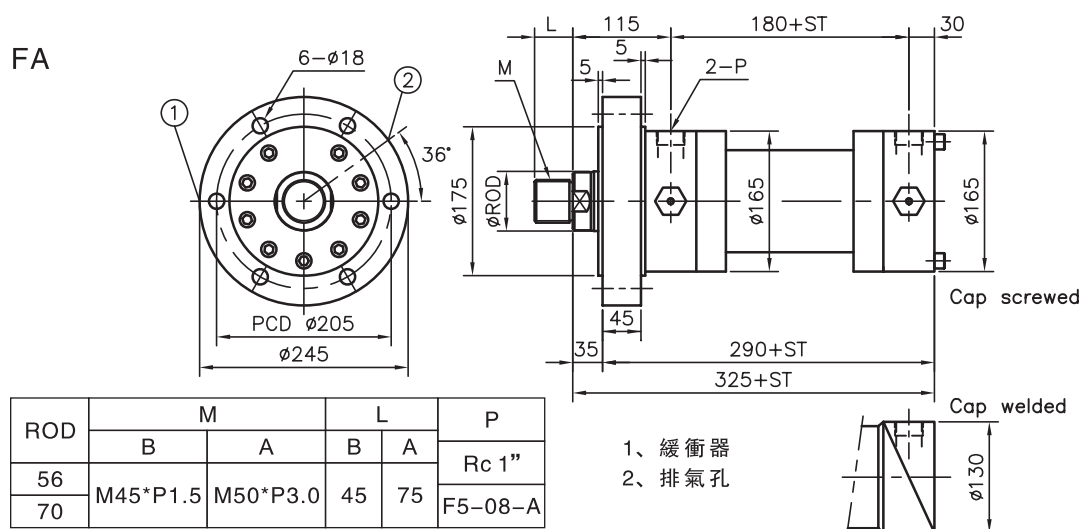
weight= W1 + (W2 * ST)= 30.9 + (4.1 * 2)= 39.1 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	30.9	33.1	27.1	31.38	26.23
W2 (kg/100mm)	$\phi 56=4.1$		$\phi 45=3.4$		

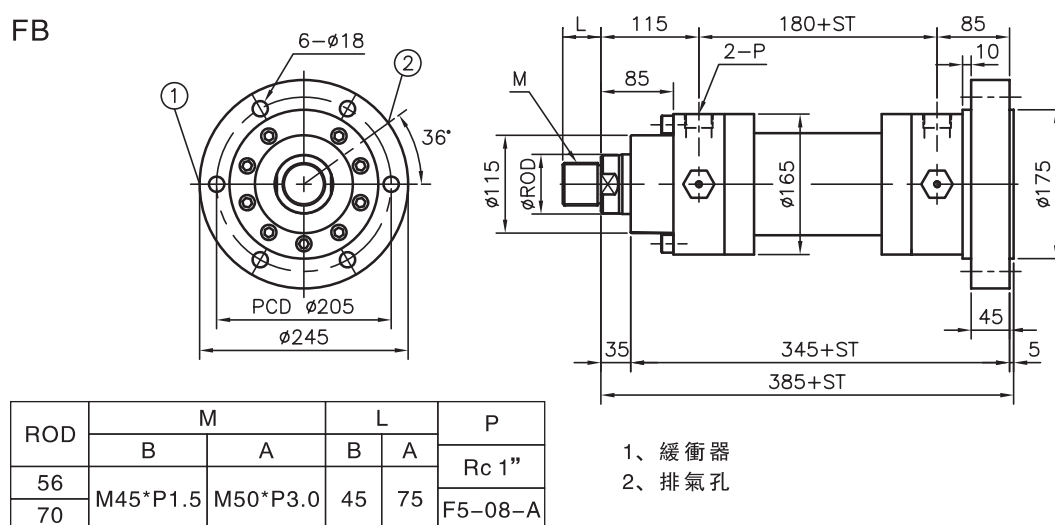
■ 尺寸圖

HC6- $\phi 100$

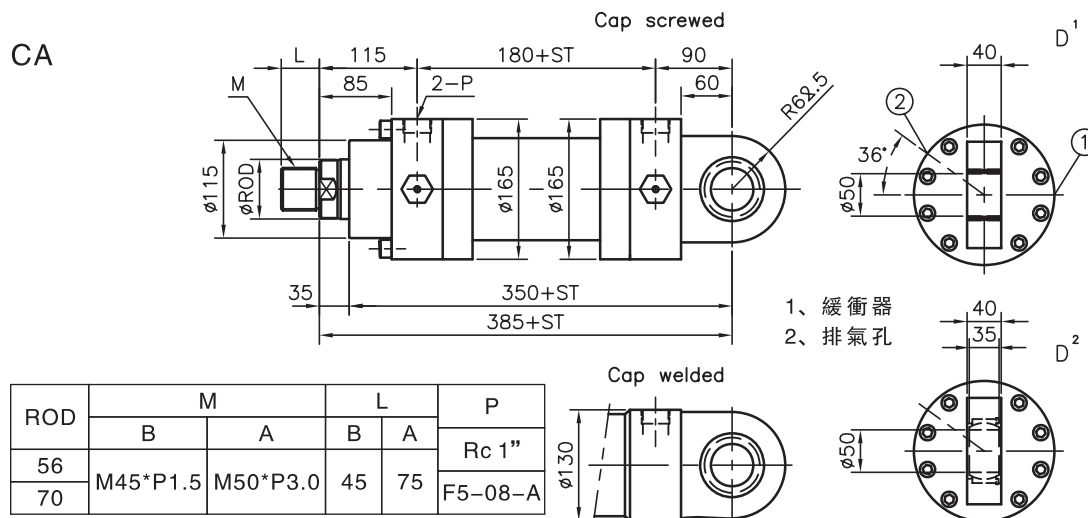
FA



FB



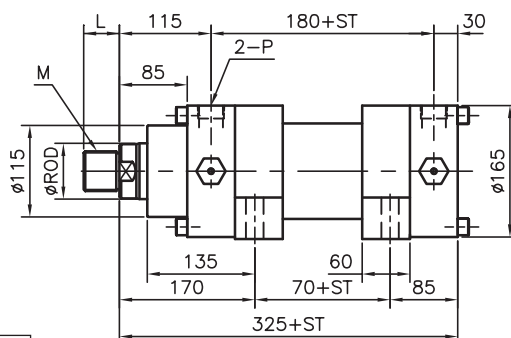
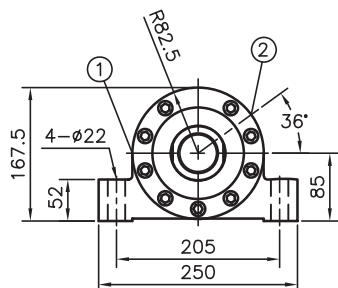
CA



■ 尺寸圖

HC6- $\phi 100$

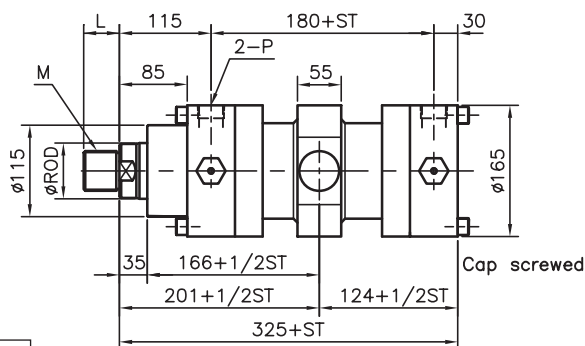
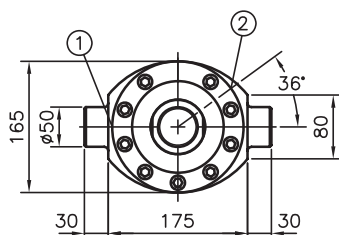
LA



- 1、緩衝器
2、排氣孔

ROD	M		L		P
	B	A	B	A	
56	M45*P1.5	M50*P3.0	45	75	Rc 1"
70					F5-08-A

TC

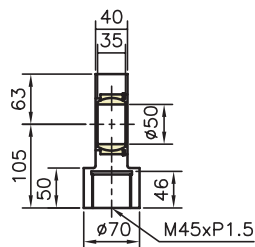


- 1、緩衝器
2、排氣孔

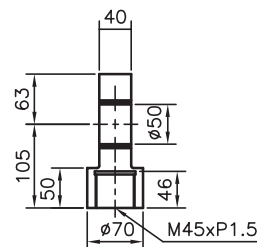
ROD	M		L		P
	B	A	B	A	
56	M45*P1.5	M50*P3.0	45	75	Rc 1"
70					F5-08-A

接頭: DO

前端球面軸承接頭: DO



前端平行接頭: DO



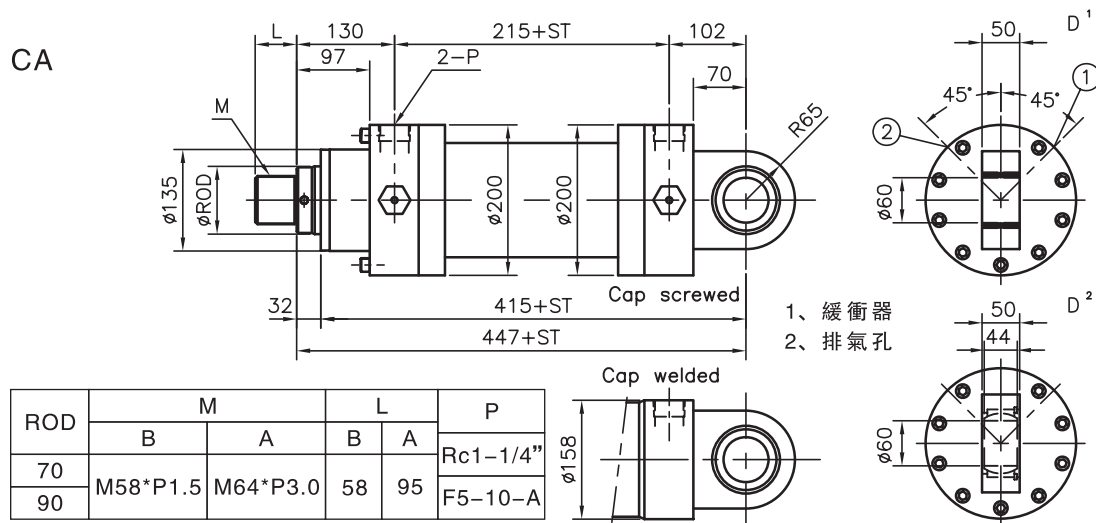
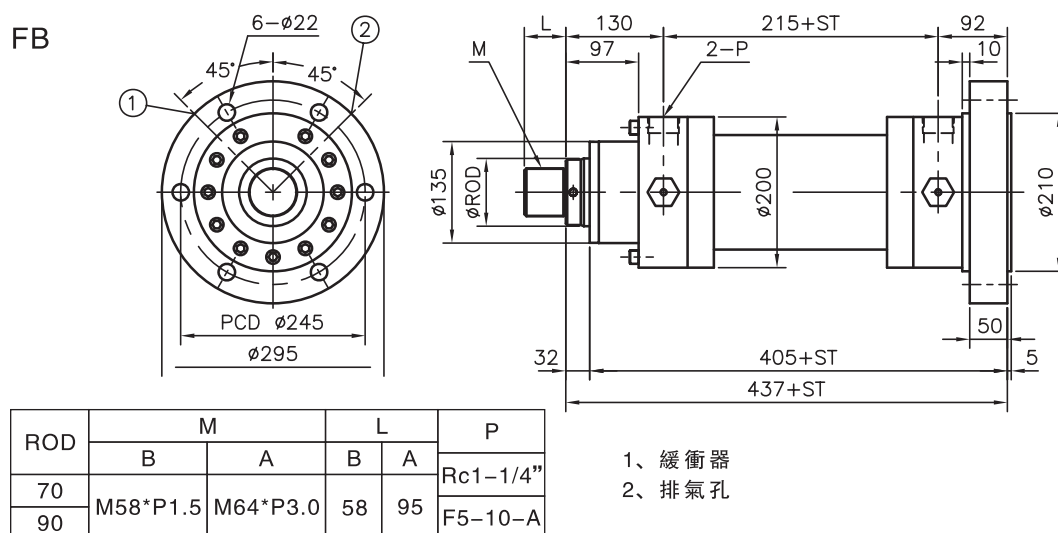
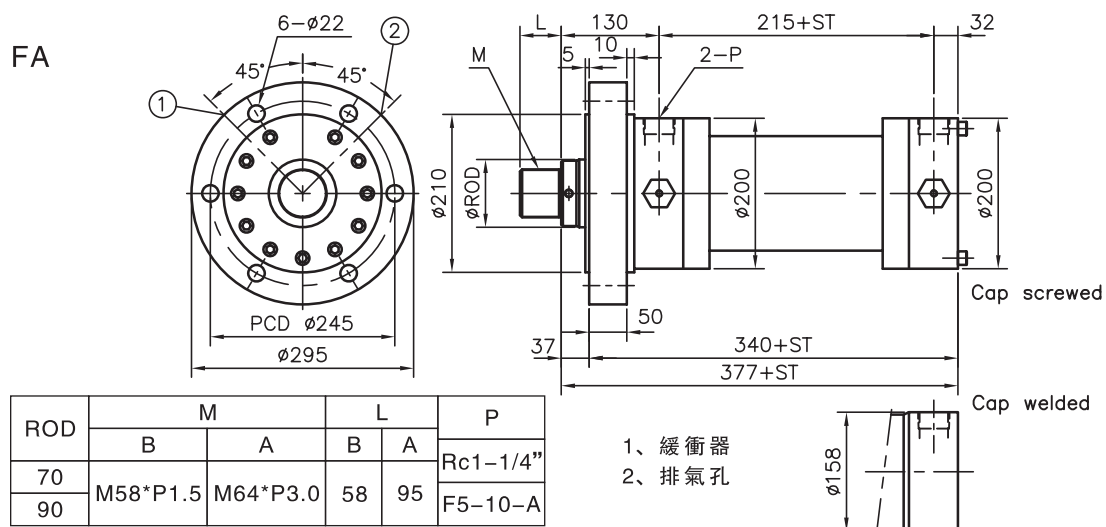
■ 油壓缸大概重量計算

EX : FA, ST=200mm

weight= W1 + (W2 * ST)= 53.9 + (5.4 * 2)= 64.7 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	53.9	58	46.7	51.7	43.6
W2 (kg/100mm)	$\phi 70=5.4$		$\phi 56=4.6$		

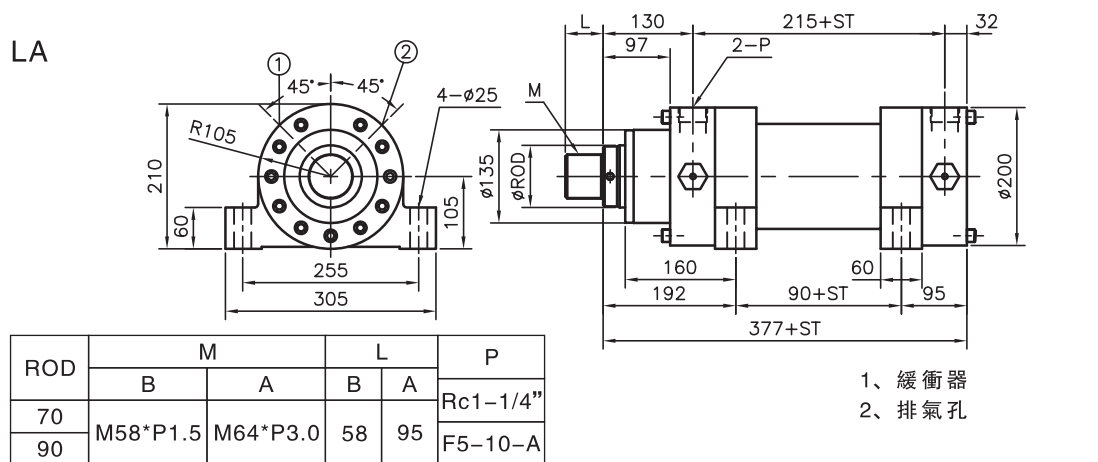
■ 尺寸圖

HC6- $\phi 125$ 

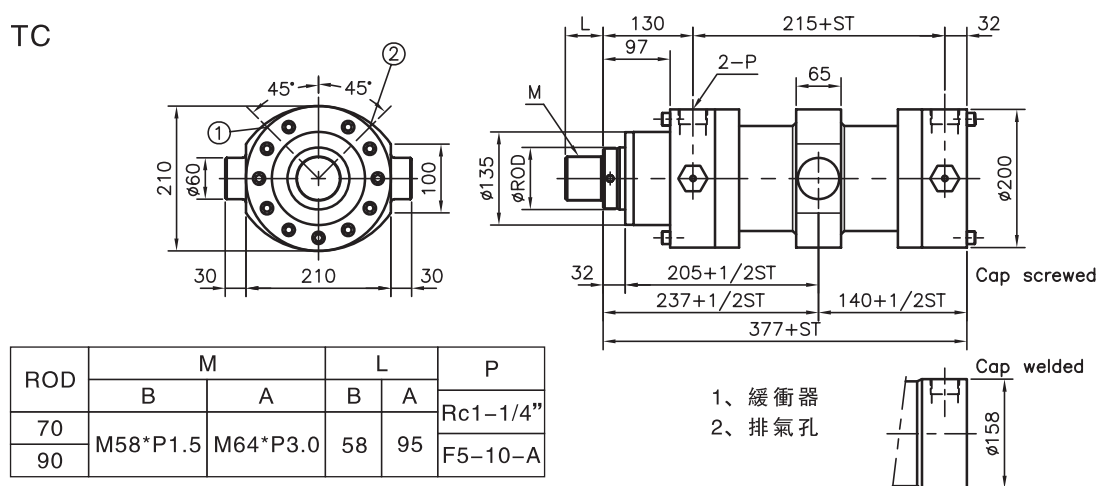
■ 尺寸圖

HC6- $\phi 125$

LA

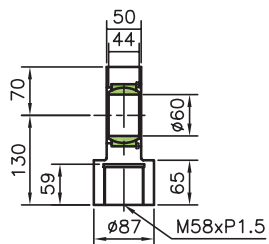


TC

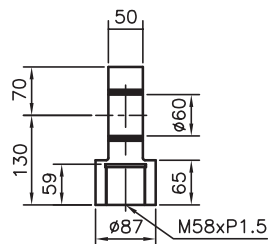


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

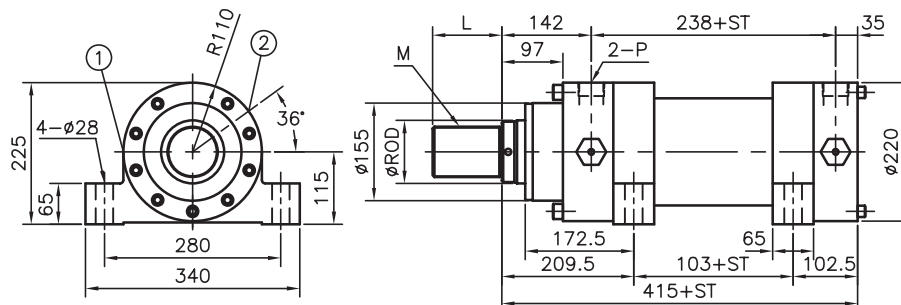
weight= W1 + (W2 * ST)= 90.2 + (9.5 * 2)= 109.2 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	90.2	97.5	78.8	85.5	74.7
W2 (kg/100mm)	$\phi 90=9.5$		$\phi 70=7.6$		

■ 尺寸圖

HC6- $\phi 140$

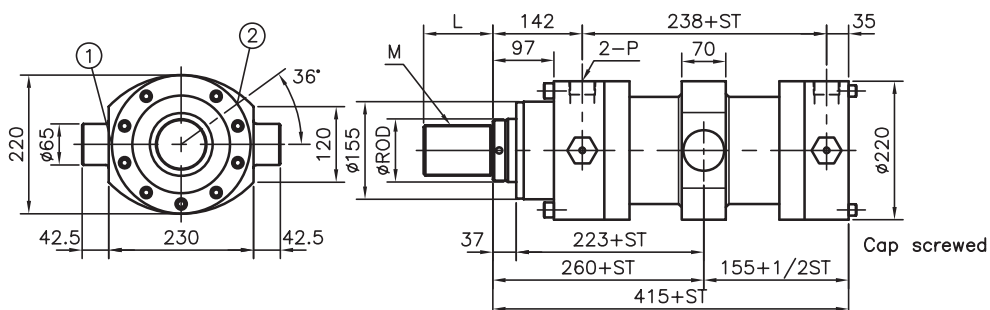
LA



ROD	M		L		P
	B	A	B	A	
90	M65*P1.5	M80*P3.0	65	110	Rc1-1/4"
100					F5-10-A

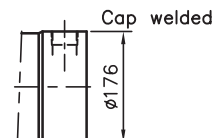
- 1、緩衝器
2、排氣孔

TC



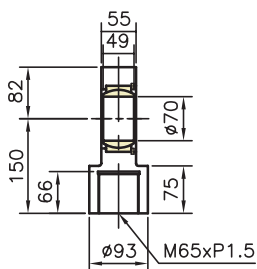
ROD	M		L		P
	B	A	B	A	
90	M65*P1.5	M80*P3.0	65	110	Rc1-1/4"
100					F5-10-A

- 1、緩衝器
2、排氣孔

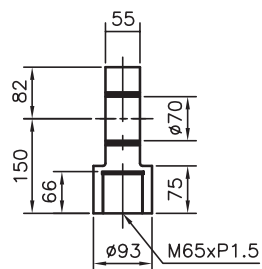


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

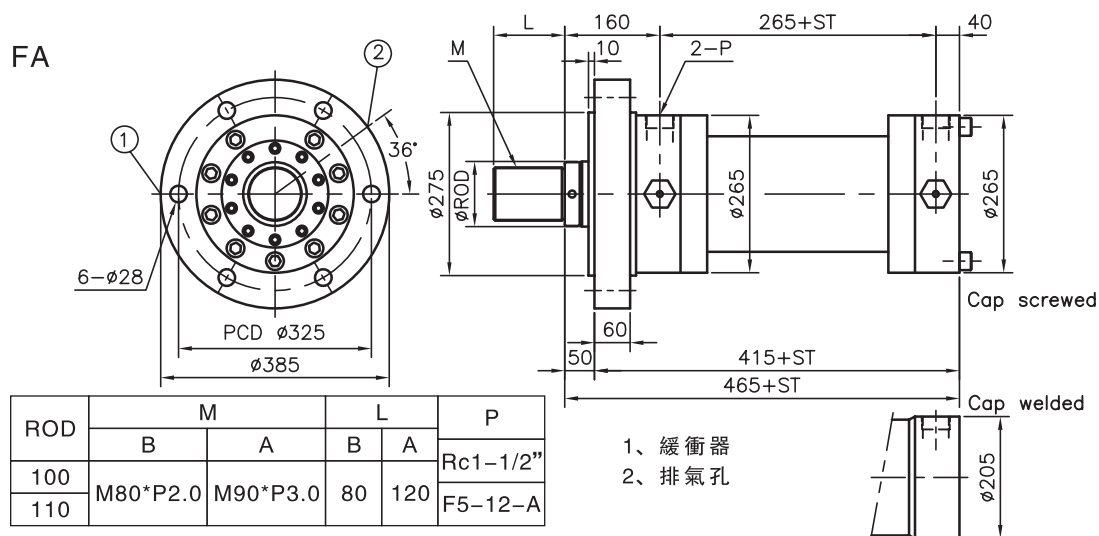
weight= W1 + (W2 * ST)= 117.4 + (11.8 * 2)= 141 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	117.4	128.1	112.6	113.5	103.2
W2 (kg/100mm)	$\phi 100=11.8$		$\phi 90=10.7$		

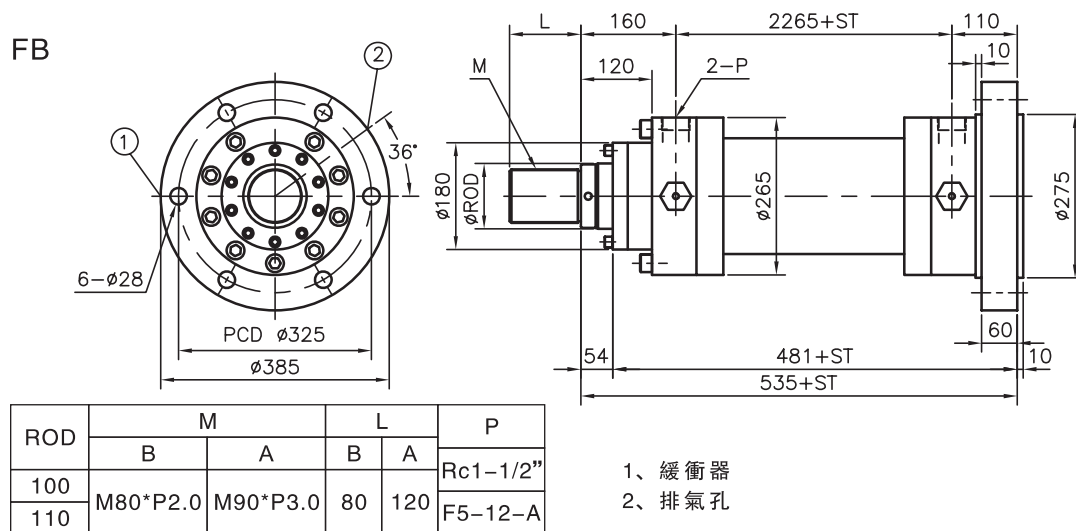
■ 尺寸圖

HC6- $\phi 160$

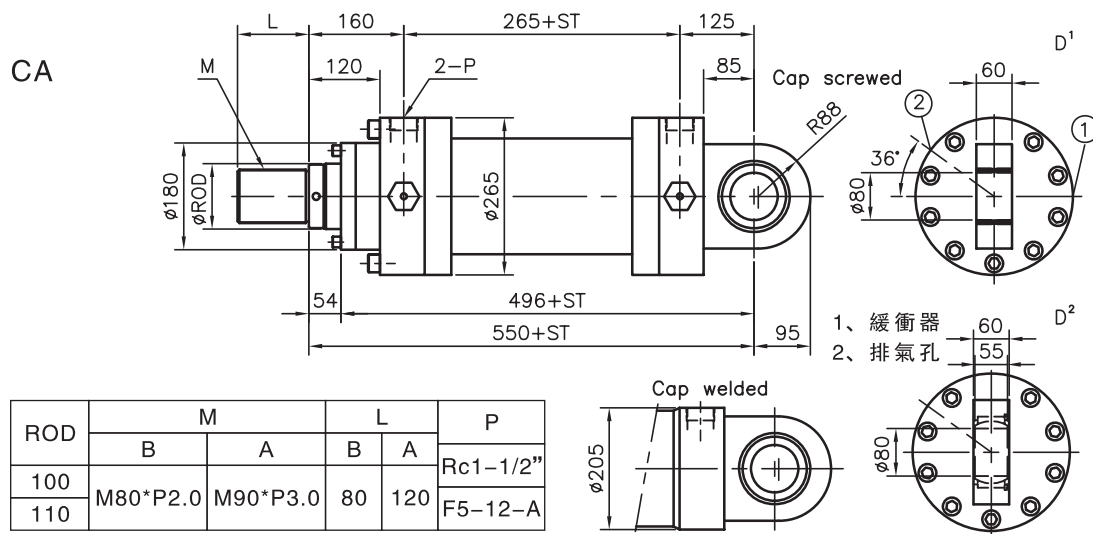
FA



FB



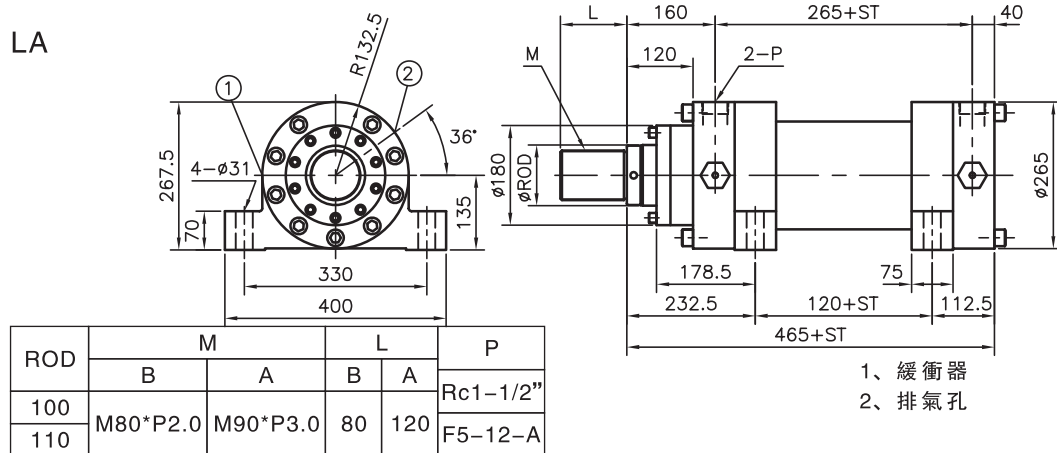
CA



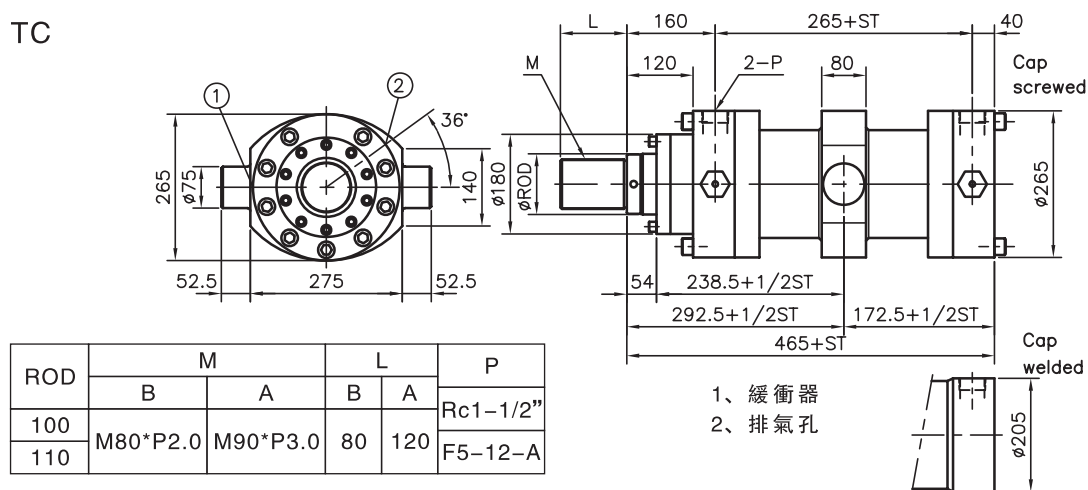
■ 尺寸圖

HC6-φ160

LA

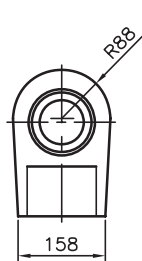
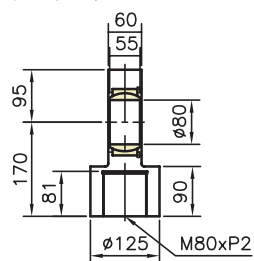


TC

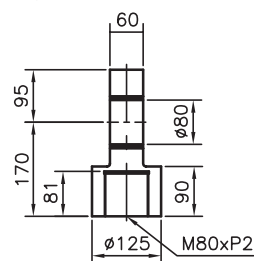


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

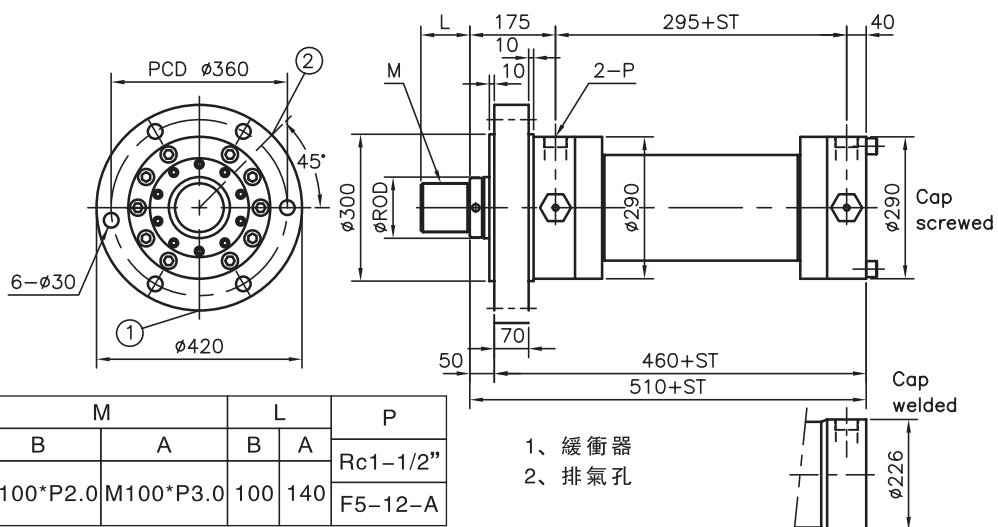
weight= W1 + (W2 * ST)= 189 + (15.1 * 2)= 219.2 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	189	202.5	169.6	175.2	156.6
W2 (kg/100mm)	φ 110=15.1		φ 100=13.8		

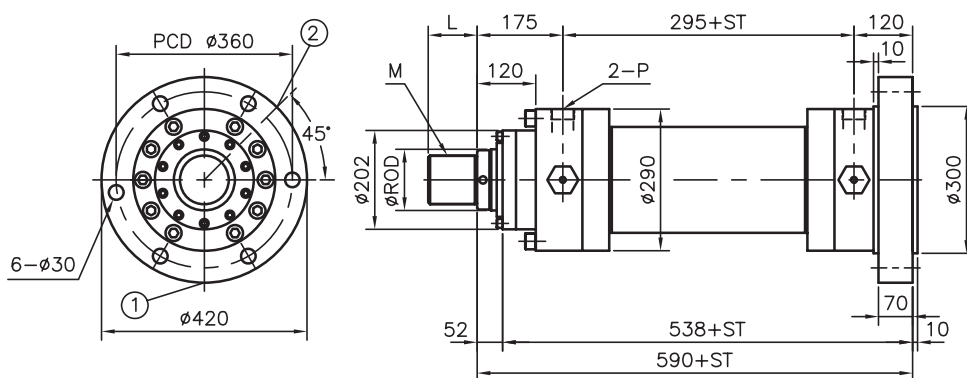
■ 尺寸圖

HC6- $\phi 180$

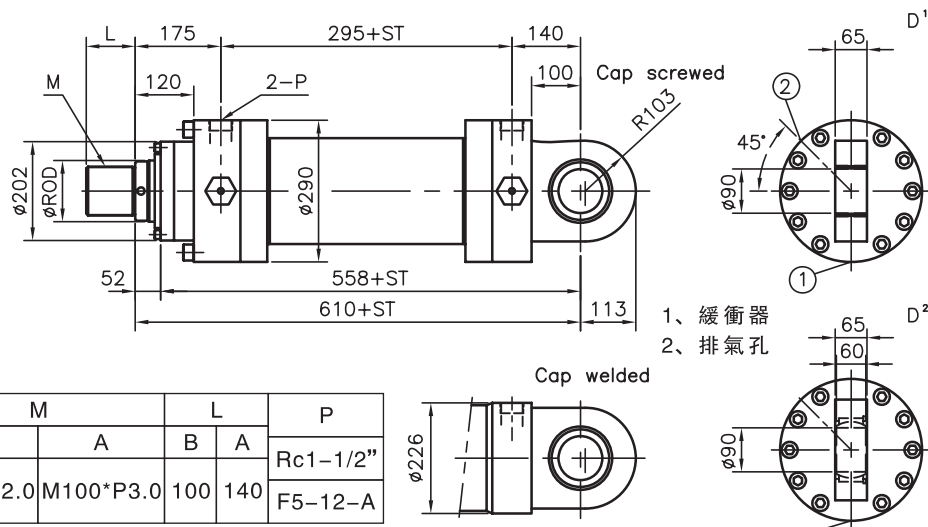
FA



FB



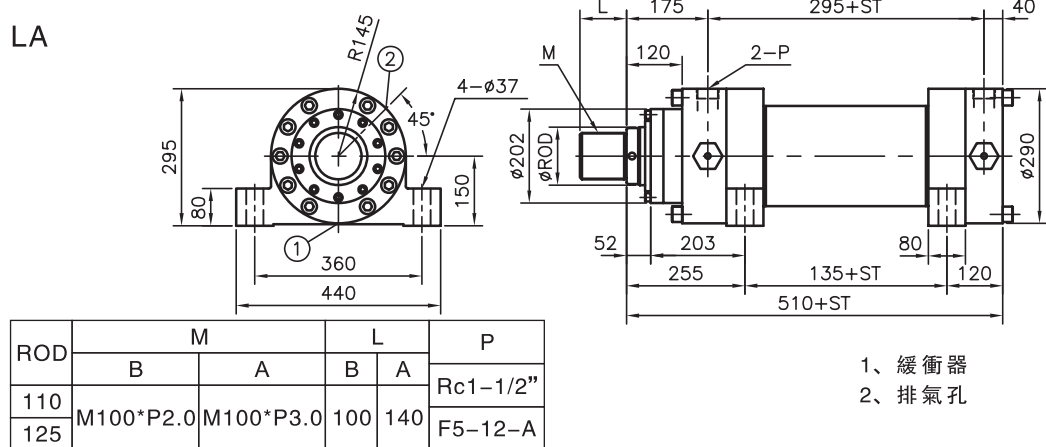
CA



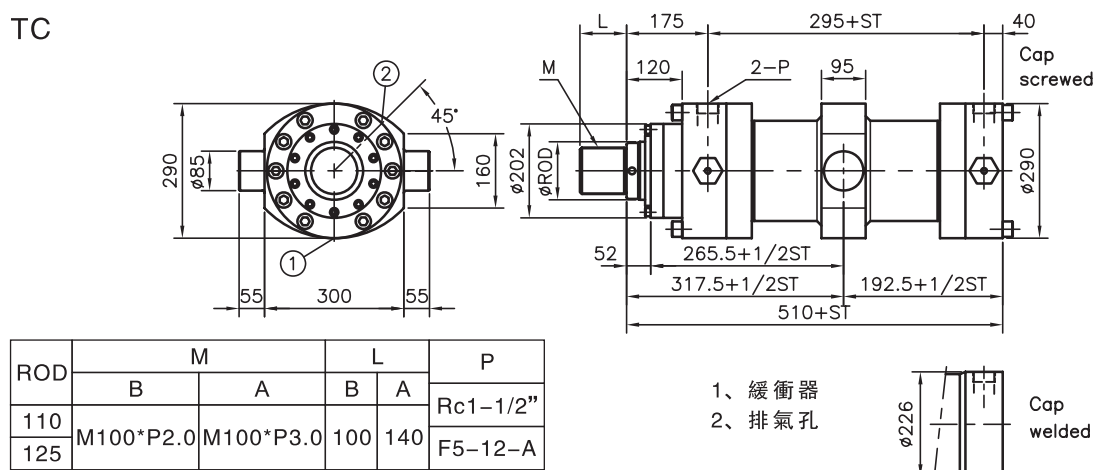
■ 尺寸圖

HC6-φ180

LA

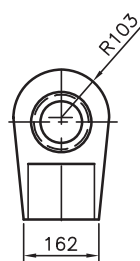
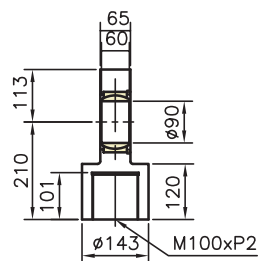


TC

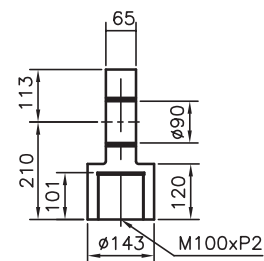


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

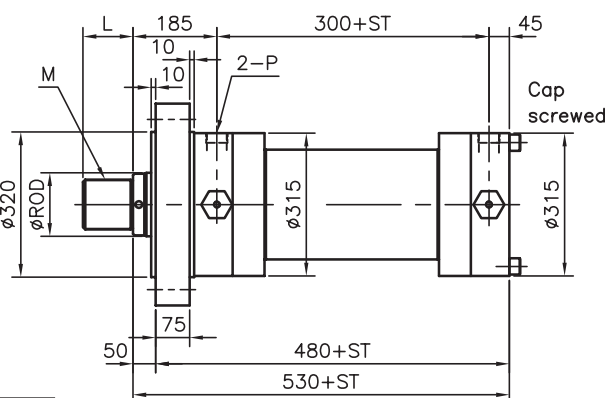
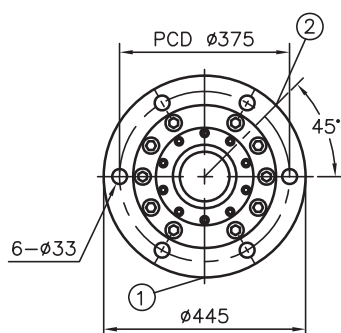
weight= W1 + (W2 * ST)= 260 + (18.4 * 2)= 296.8 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	260	280.2	235.1	243.6	217.5
W2 (kg/100mm)	φ 125=18.4		φ 110=16.2		

■ 尺寸圖

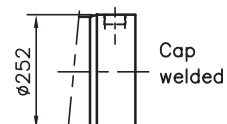
HC6- $\phi 200$

FA

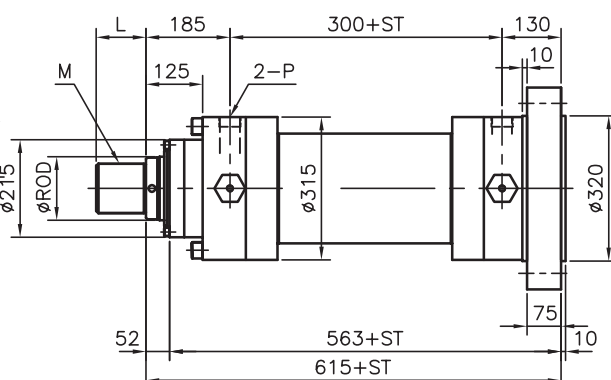
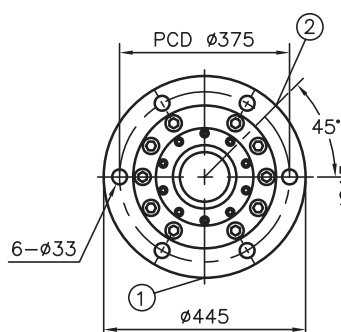


ROD	M		L		P
	B	A	B	A	
125	M110*P2.0	M110*P4.0	110	150	Rc1-1/2"
140					F5-12-A

- 1、緩衝器
2、排氣孔



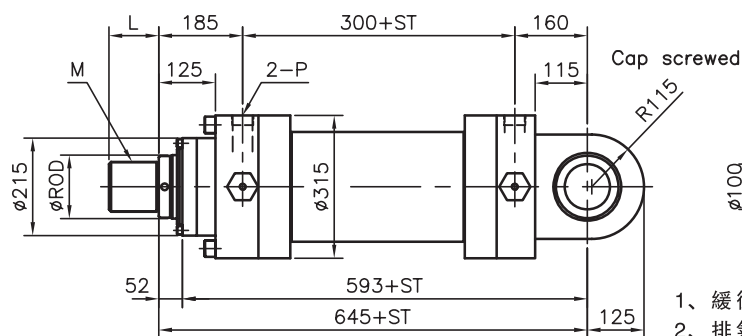
FB



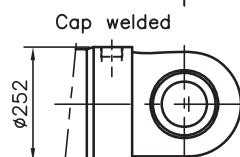
ROD	M		L		P
	B	A	B	A	
125	M110*P2.0	M110*P4.0	110	150	Rc1-1/2"
140					F5-12-A

- 1、緩衝器
2、排氣孔

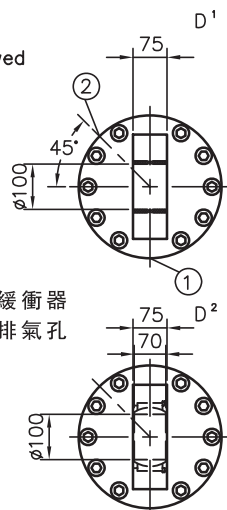
CA



ROD	M		L		P
	B	A	B	A	
125	M110*P2.0	M110*P4.0	110	150	Rc1-1/2"
140					F5-12-A



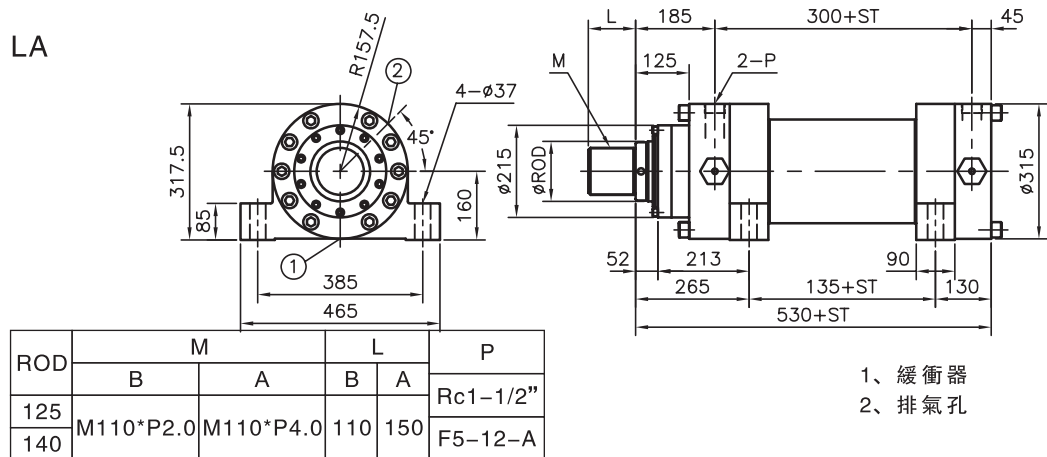
- 1、緩衝器
2、排氣孔



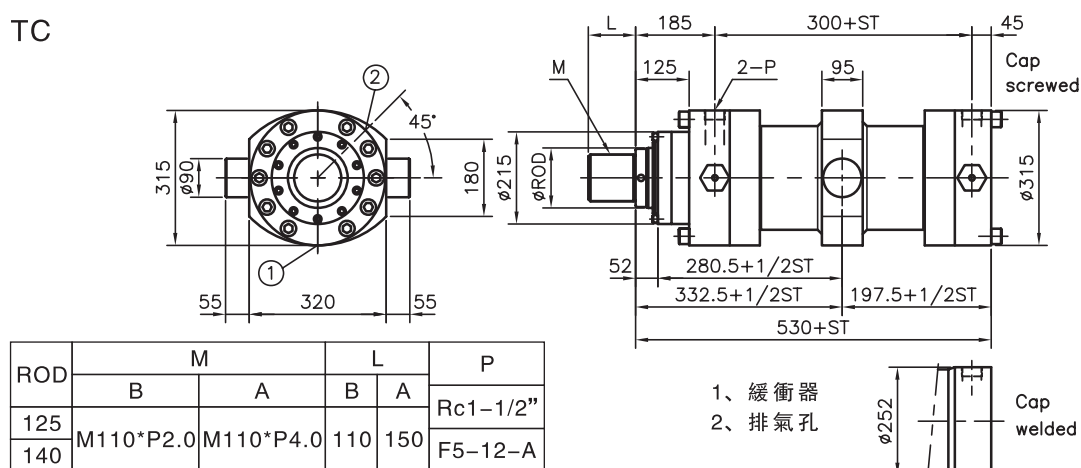
■ 尺寸圖

HC6- $\phi 200$

LA

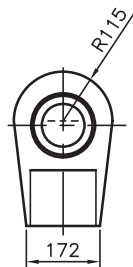
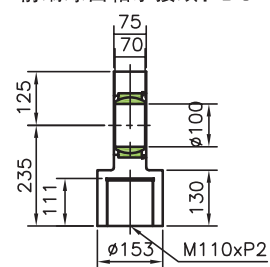


TC

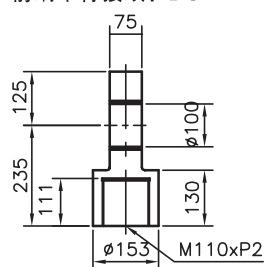


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

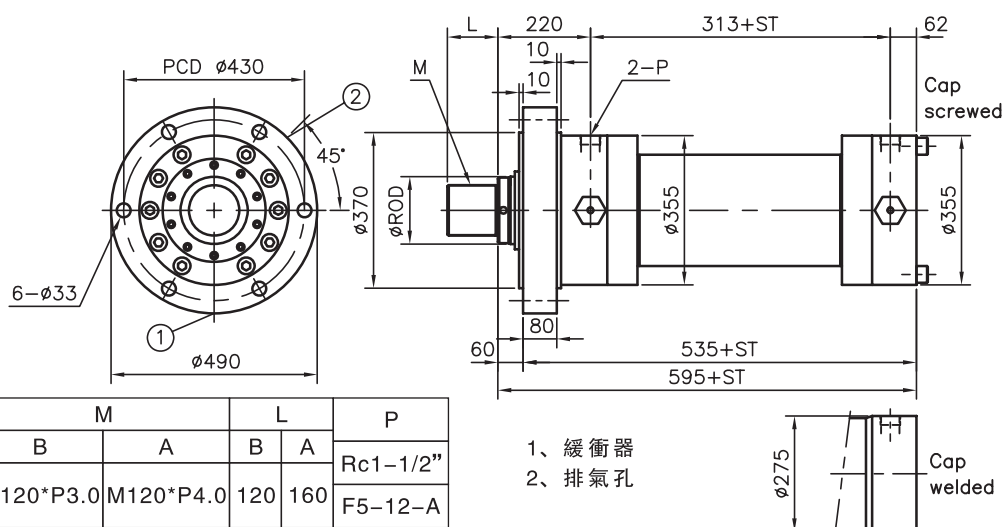
weight= W1 + (W2 * ST)= 326.5 + (23.5 * 2)= 373.5 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	326.5	350.6	292.2	303.3	280.4
W2 (kg/100mm)	ø 140=23.5		ø 125=21.1		

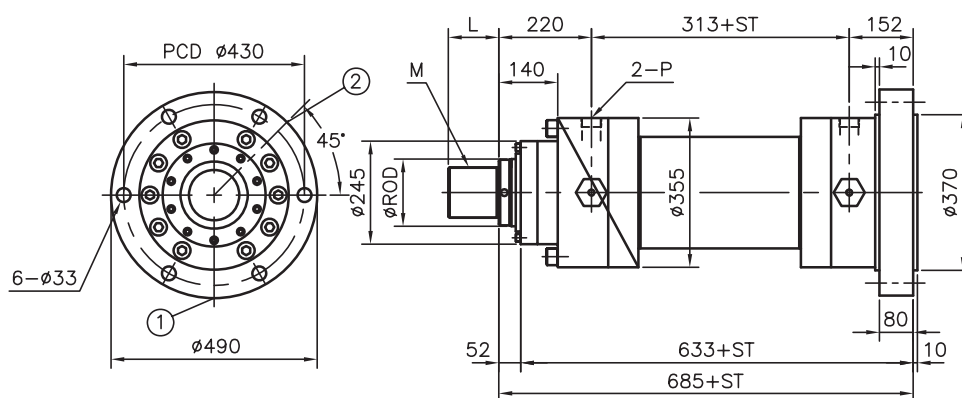
■ 尺寸圖

HC6- $\phi 220$

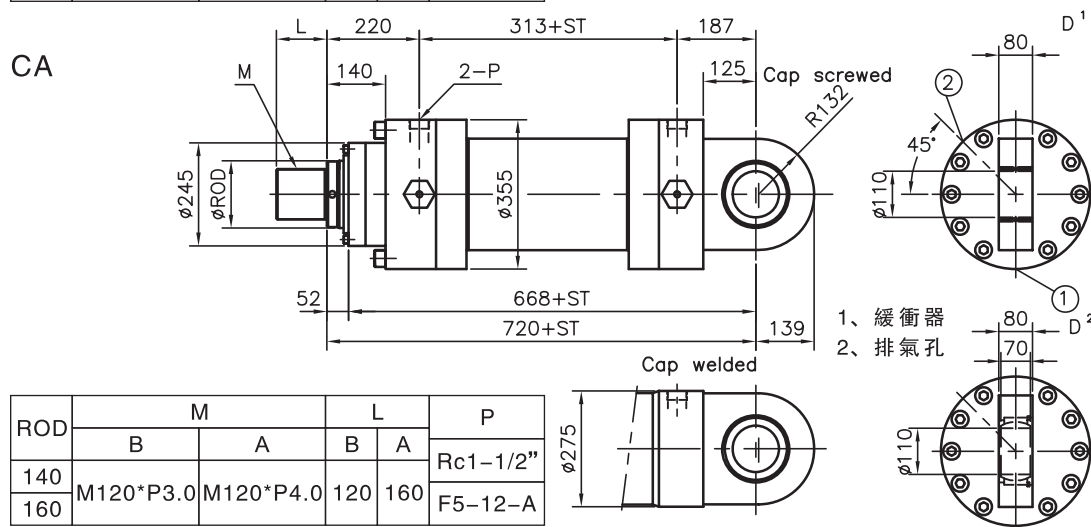
FA



FB



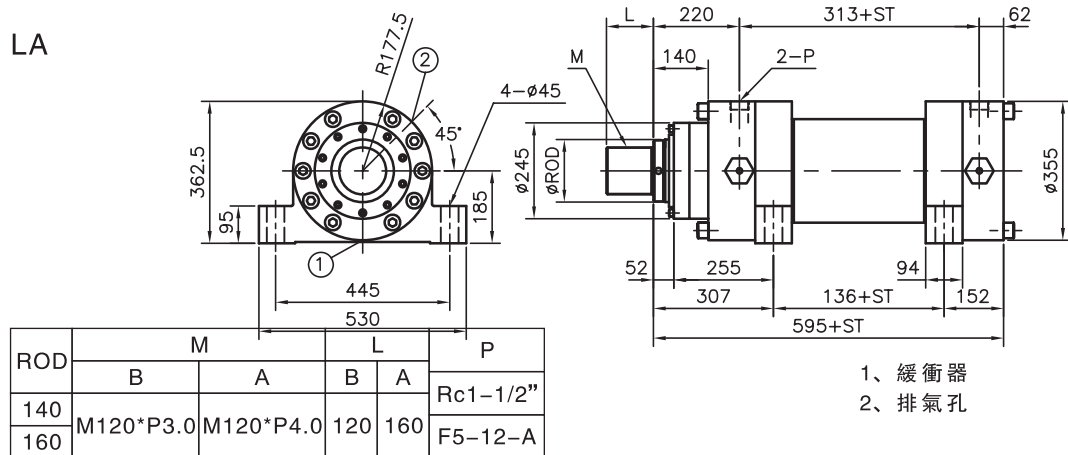
CA



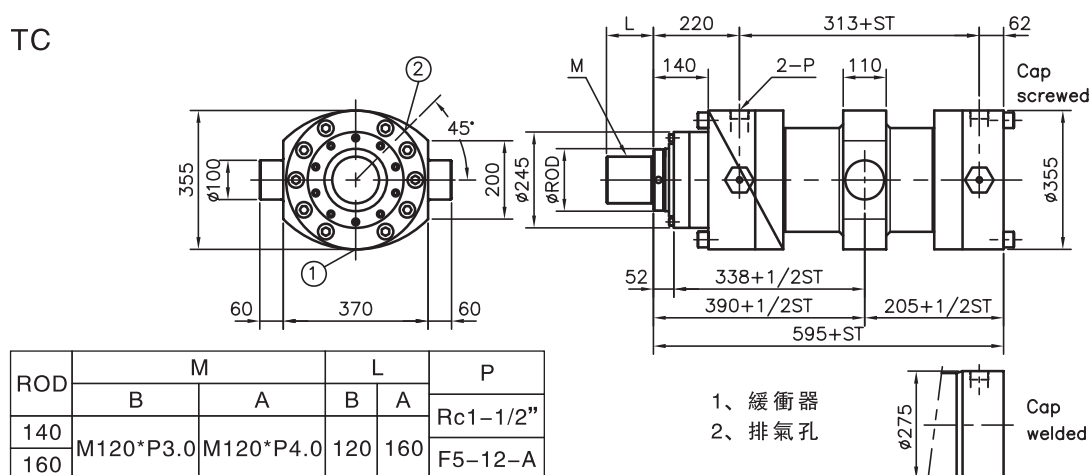
■ 尺寸圖

HC6- $\phi 220$

LA



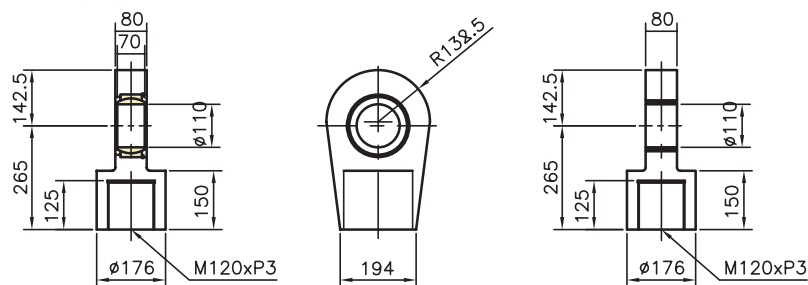
TC



接頭：DO

前端球面軸承接頭：DO

前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

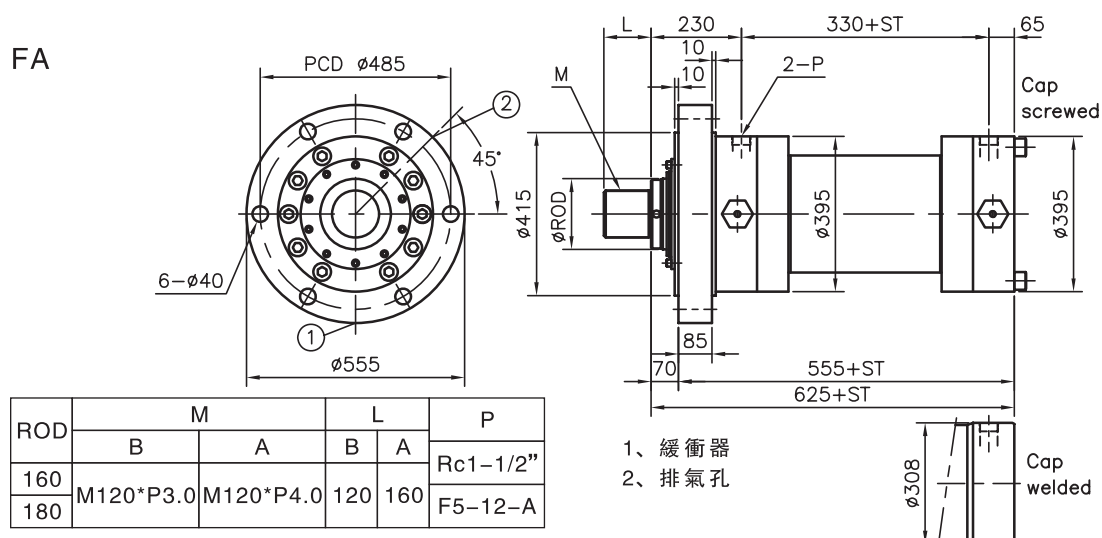
weight= W1 + (W2 * ST)= 459.9 + (29.2 * 2)= 518.3 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	459.9	493.2	427.3	434.6	402.8
W2 (kg/100mm)	$\phi 160=29.2$		$\phi 140=25.5$		

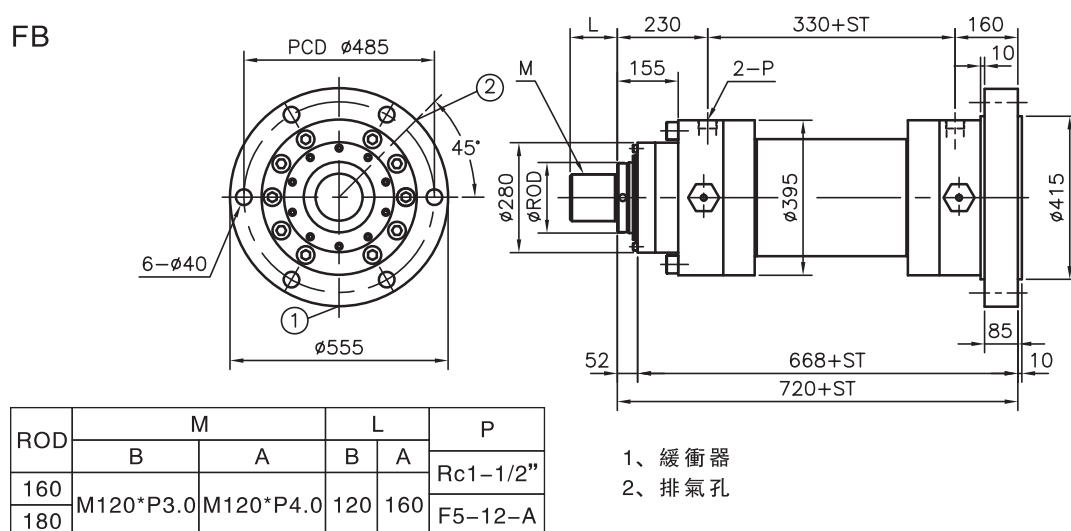
■ 尺寸圖

HC6- $\phi 250$

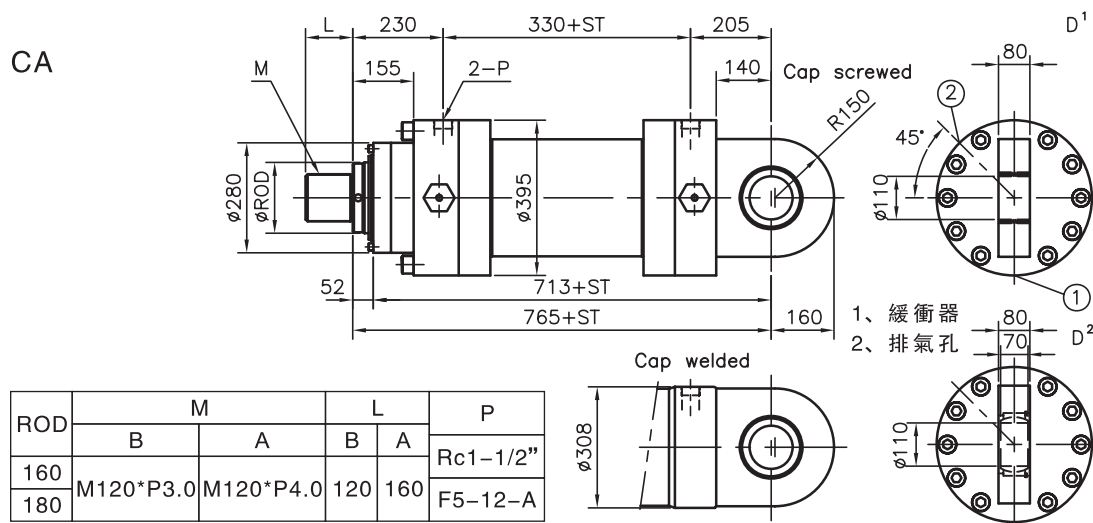
FA



FB



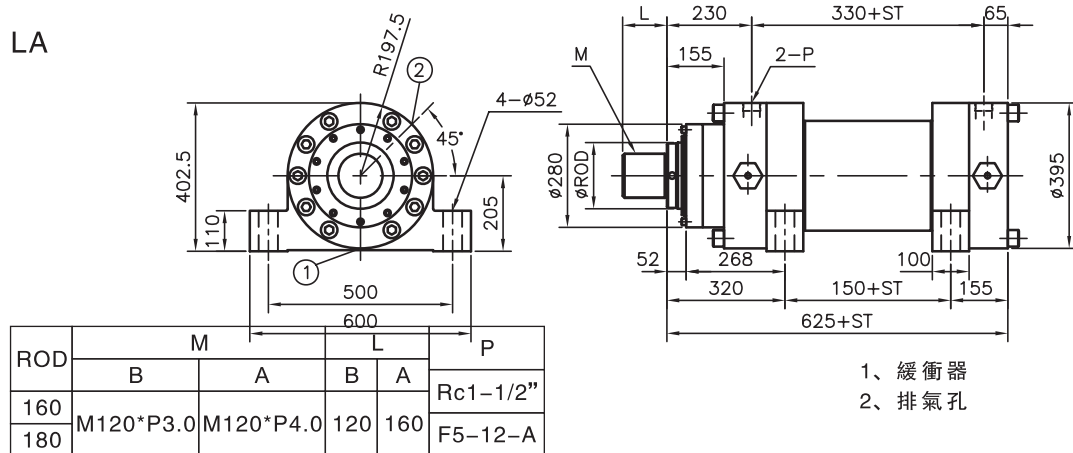
CA



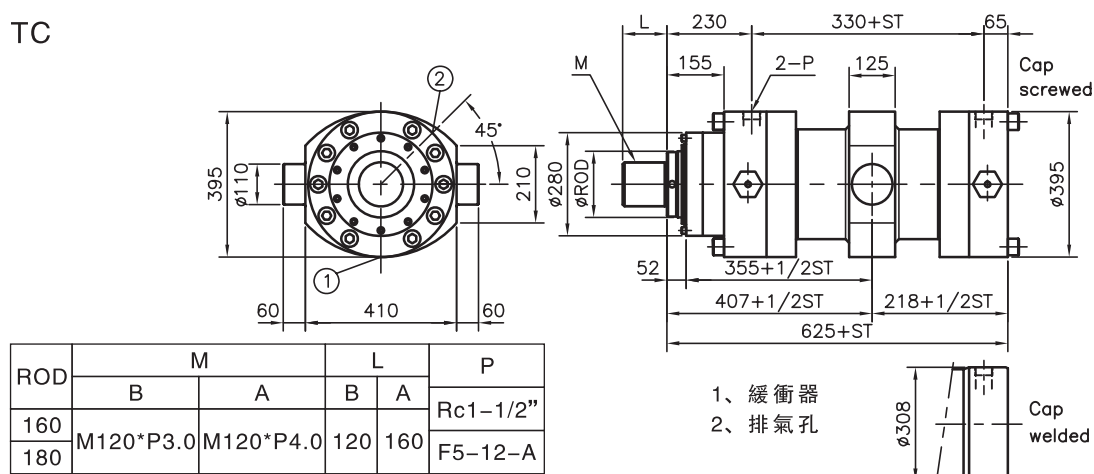
■ 尺寸圖

HC6- $\phi 250$

LA



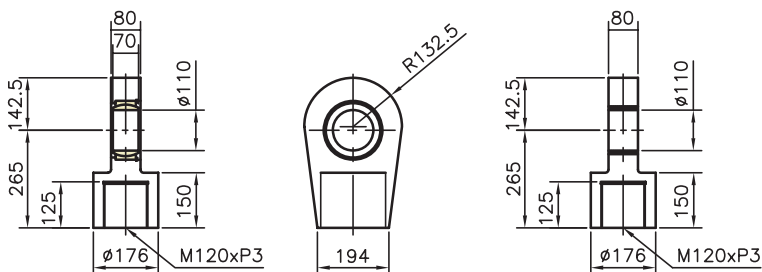
TC



接頭：DO

前端球面軸承接頭：DO

前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

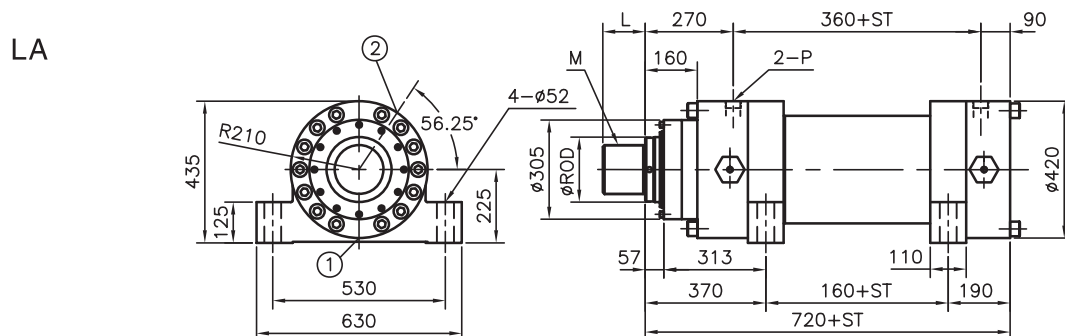
weight= W1 + (W2 * ST)= 602.7 + (36.2 * 2)= 675.1 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	602.7	648.6	558.1	561.9	526.2
W2 (kg/100mm)	$\phi 180=36.2$		$\phi 160=32$		

■ 尺寸圖

HC6- $\phi 280$

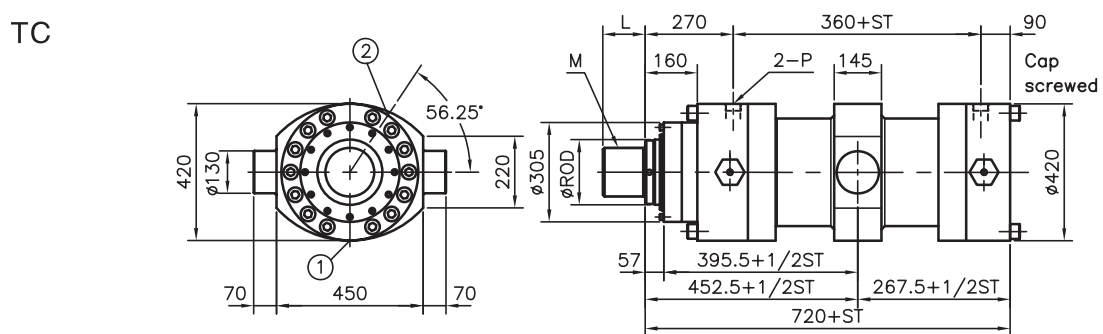
LA



ROD	M		L		P
	B	A	B	A	
180	M130*P3.0	M150*P4.0	130	190	Rc1-1/2"
200					F5-12-A

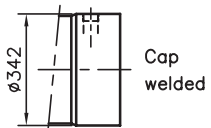
- 1、緩衝器
2、排氣孔

TC



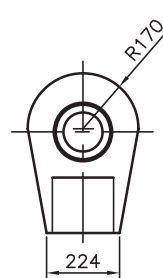
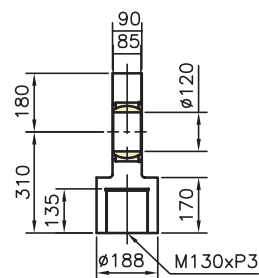
ROD	M		L		P
	B	A	B	A	
180	M130*P3.0	M150*P4.0	130	190	Rc1-1/2"
200					F5-12-A

- 1、緩衝器
2、排氣孔

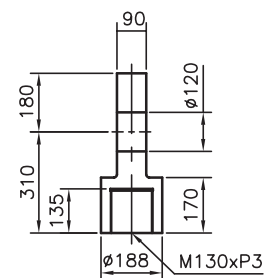


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

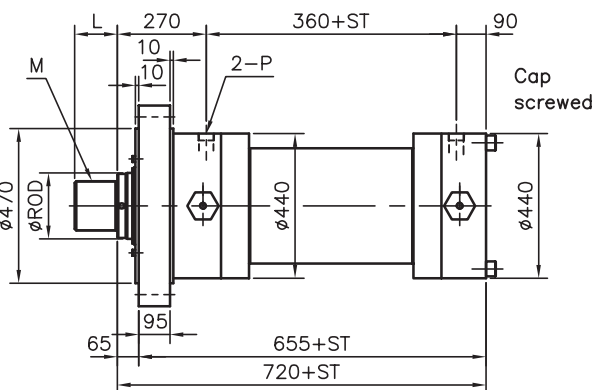
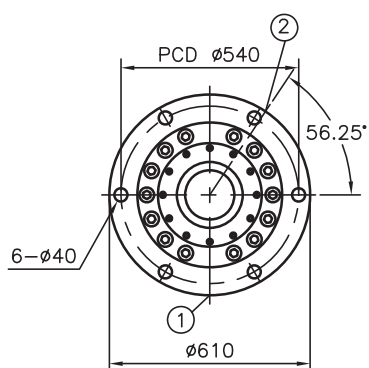
weight= W1 + (W2 * ST)= 803.1 + (43.5 * 2)= 890.1 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	803.1	863.3	753.4	757.2	715.1
W2 (kg/100mm)	$\phi 200=43.5$		$\phi 180=38.8$		

■ 尺寸圖

HC6- $\phi 300$

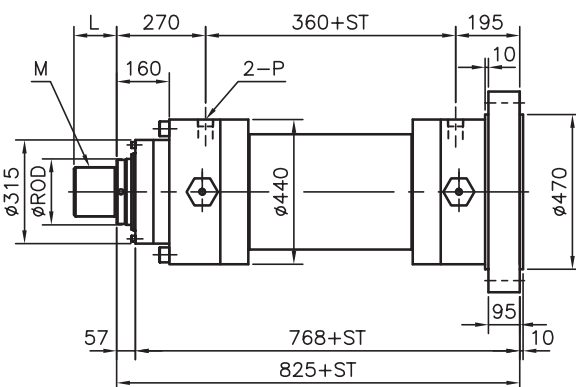
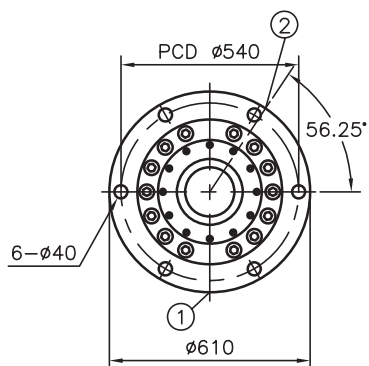
FA



ROD	M		L		P
	B	A	B	A	
180	M130*P3.0	M150*P4.0	130	190	Rc1-1/2"
200	M130*P3.0	M150*P4.0	130	190	F5-12-A

1、緩衝器
2、排氣孔

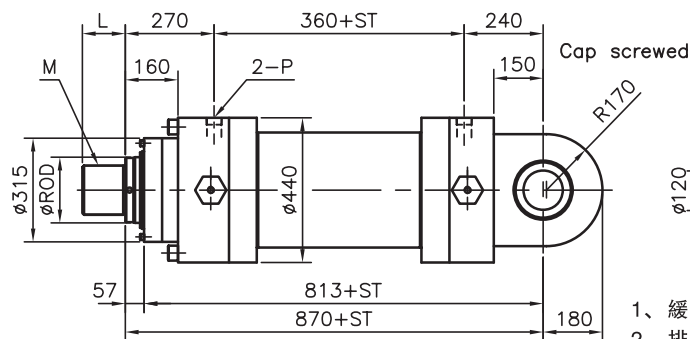
FB



ROD	M		L		P
	B	A	B	A	
180	M130*P3.0	M150*P4.0	130	190	Rc1-1/2"
200	M130*P3.0	M150*P4.0	130	190	F5-12-A

1、緩衝器
2、排氣孔

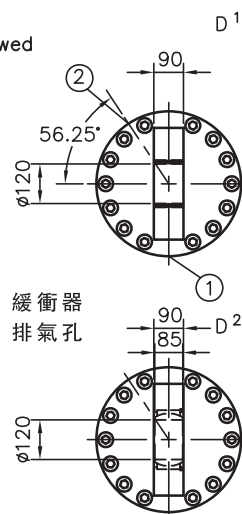
CA



ROD	M		L		P
	B	A	B	A	
180	M130*P3.0	M150*P4.0	130	190	Rc1-1/2"
200	M130*P3.0	M150*P4.0	130	190	F5-12-A

Cap welded

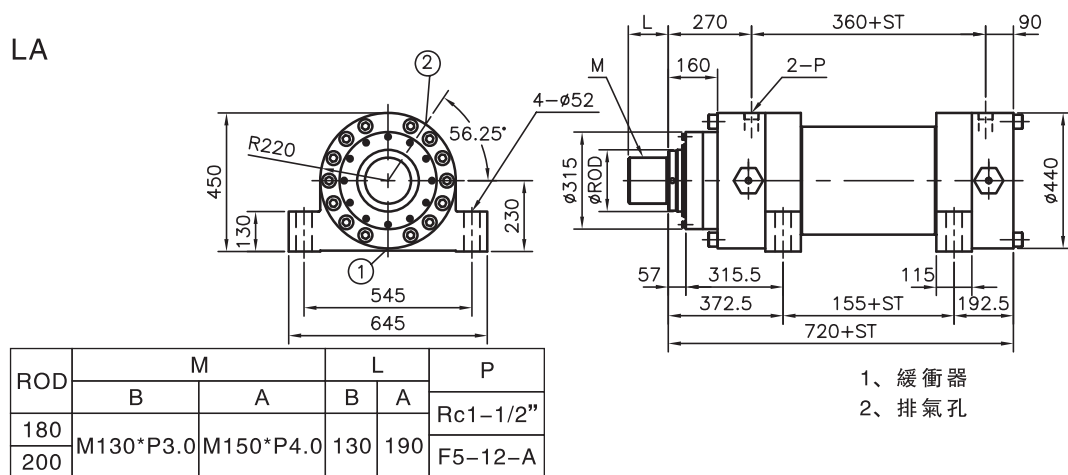
1、緩衝器
2、排氣孔



■ 尺寸圖

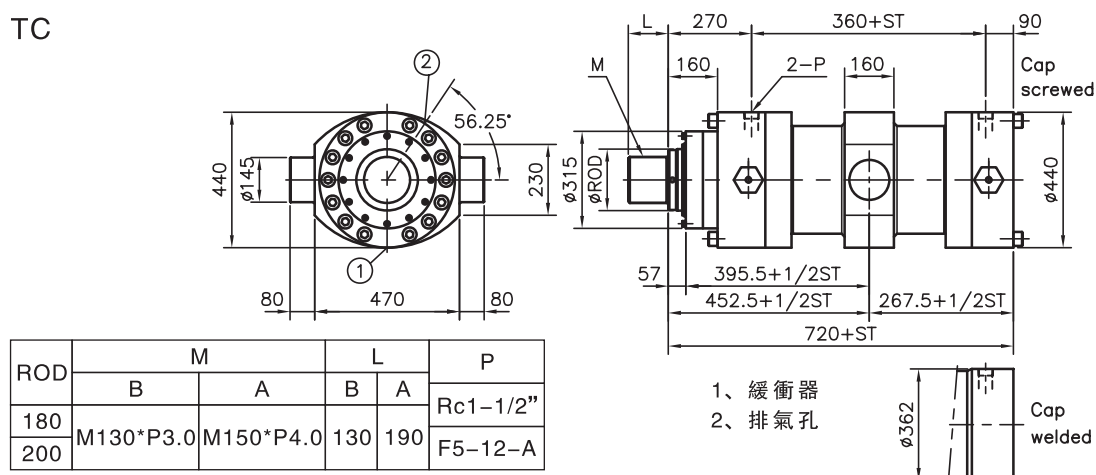
HC6- $\phi 300$

LA



1、緩衝器
2、排氣孔

TC

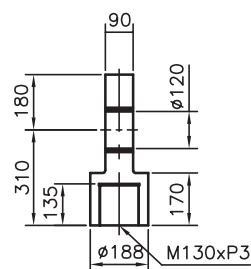
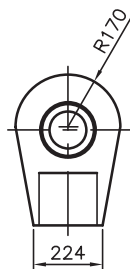
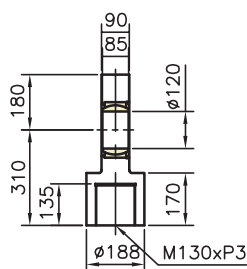


1、緩衝器
2、排氣孔

接頭：DO

前端球面軸承接頭：DO

前端平行接頭：DO



■ 油壓缸大概重量計算

EX : FA , ST=200mm

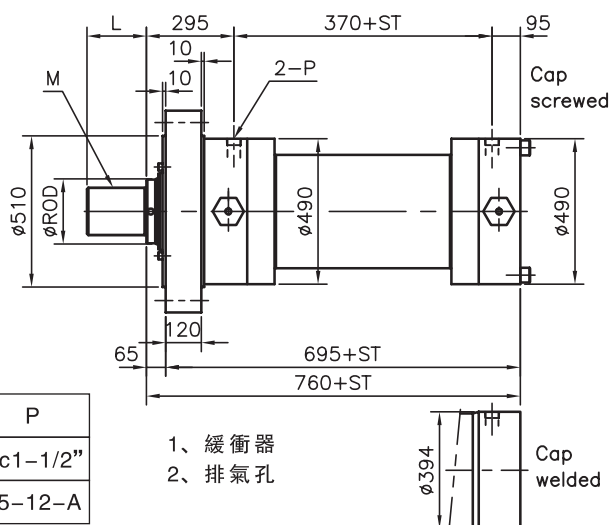
weight= W1 + (W2 * ST)= 875.2 + (44.7 * 2)= 964.6 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	875.2	939.4	835	831.7	776
W2 (kg/100mm)	$\phi 200=44.7$		$\phi 180=40$		

HC 6-φ320

Technical drawing of a circular plate. The outer diameter is labeled $\phi 680$. The pitch circle diameter (PCD) for the outer holes is labeled PCD $\phi 600$. There are 6 holes with a diameter of $\phi 45$, labeled 6- $\phi 45$. The angle between the center line and the center of one of the outer holes is labeled 56.25° . The drawing includes a center line and a dimension line for the angle.

ROD	M		L		P
	B	A	B	A	
200	M160*P3.0	M160*P4.0	150	200	Rc1-1/2"
220					F5-12-A

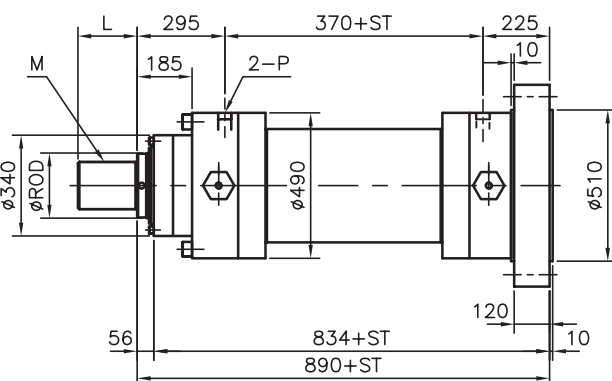


- 1、緩衝器
- 2、排氣孔

Cap
welded

Technical drawing of a circular plate. The drawing shows a circular plate with a central hole. The outer diameter is labeled $\phi 680$. The pitch circle diameter (PCD) of the outer holes is labeled $\text{PCD } \phi 600$. There are 6 holes with a diameter of $\phi 45$, labeled $6-\phi 45$. The angle between the center line and the center of one of the outer holes is labeled 56.25° . The drawing is divided into two parts by a center line, with labels 1 and 2 indicating different views or sections.

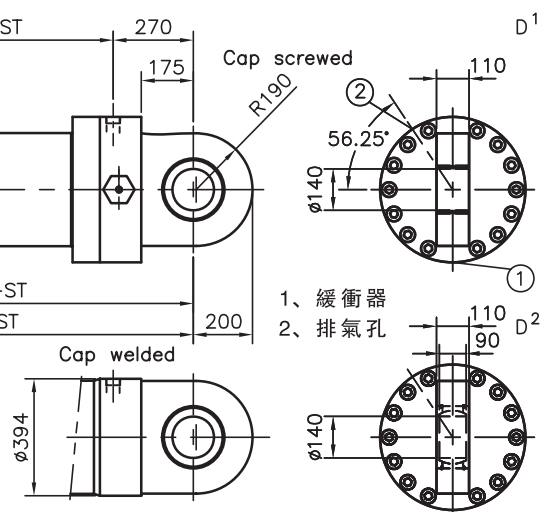
ROD	M		L		P
	B	A	B	A	
200	M160*P3.0	M160*P4.0	150	200	Rc1-1/2"
220					F5-12-A



- 1、緩衝器
- 2、排氣孔

Technical drawing of a mechanical component, likely a valve or actuator, showing dimensions and labels. The drawing includes a side view with dimensions: L, 295, 370+ST, 270, 185, 2-P, 175, 56, 879+ST, 935+ST, 200. It also shows diameters: Ø340, ØROD, Ø490. Labels include 'M', 'Cap screw', 'R190', 'Cap welded', and '1, 2'.

ROD	M		L		P
	B	A	B	A	
200	M160*P3.0	M160*P4.0	150	200	Rc1-1/2"
220					F5-12-A

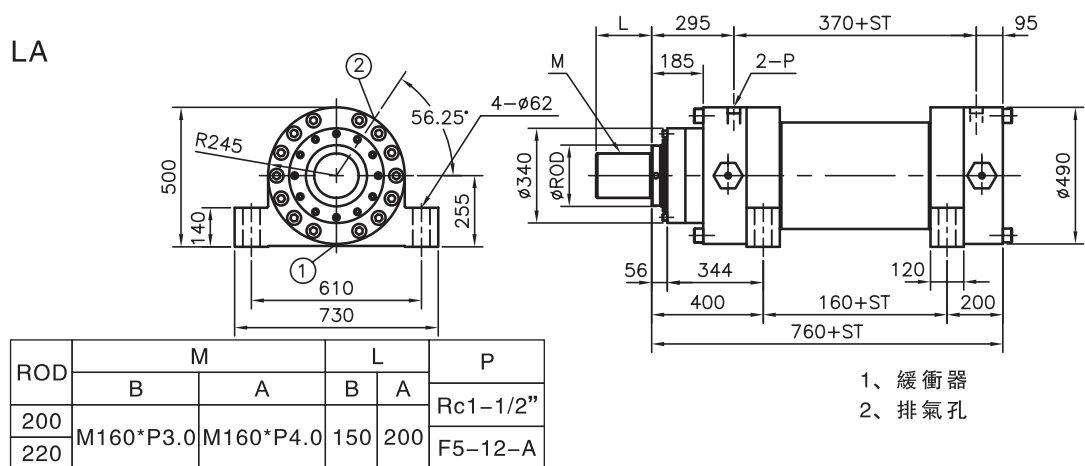


- 1、緩衝器
- 2、排氣孔

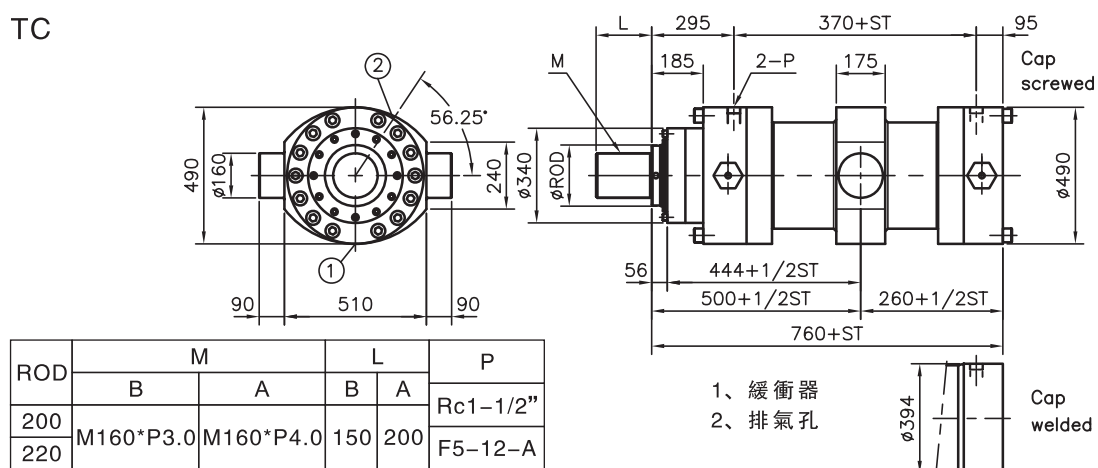
■ 尺寸圖

HC6- $\phi 320$

LA

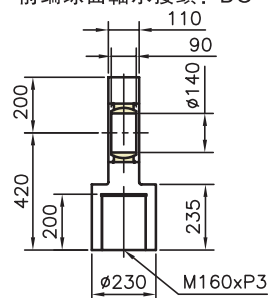


TC

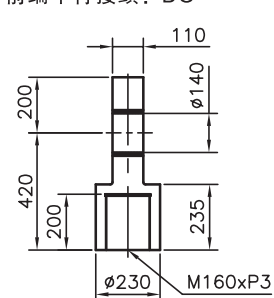


接頭：DO

前端球面軸承接頭：DO



前端平行接頭：DO



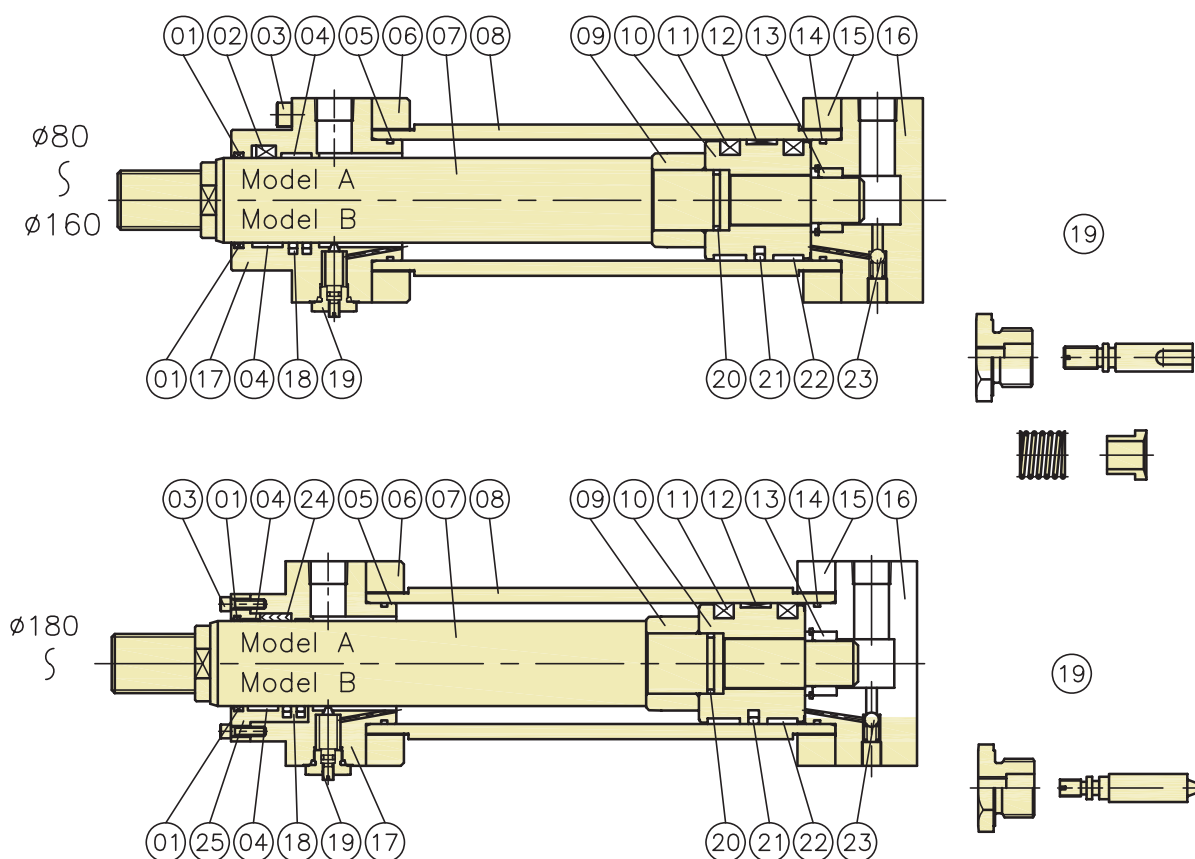
■ 油壓缸大概重量計算

EX : FA , ST=200mm

weight= W1 + (W2 * ST)= 1183.8 + (56.6 * 2)= 1297 kg

連接形式	FA	FB	TC	LA	CA
W1 (kg)	1183.8	1276.5	1088.6	1077.5	1023.7
W2 (kg/100mm)	$\phi 220=56.6$		$\phi 200=51.5$		

HC6

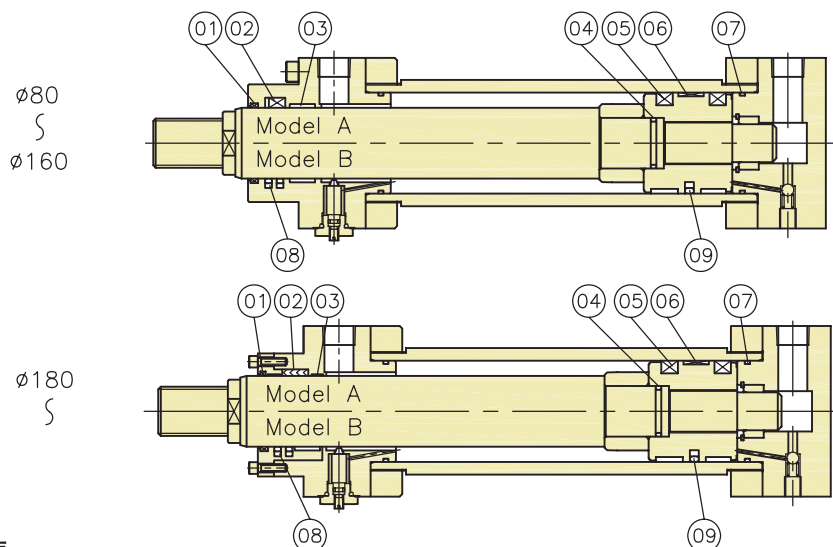


■ 零件名稱

01	防塵油封	10	活塞	19	節流閥
02	軸用U型油封	11	活塞用U型油封	20	O型環
03	六角承窩螺栓	12	導襯套	21	活塞用T型油封
04	導襯套	13	後緩衝環	22	導襯套
05	O型環	14	O型環	23	止逆閥
06	法蘭	15	法蘭	24	軸用V型油封
07	活塞杆	16	後蓋	25	壓板
08	油壓缸管	17	前蓋		
09	前緩衝環	18	軸用T型油封		

※備注：節流閥和止逆閥置于油壓缸的前蓋及後蓋。

HC 6

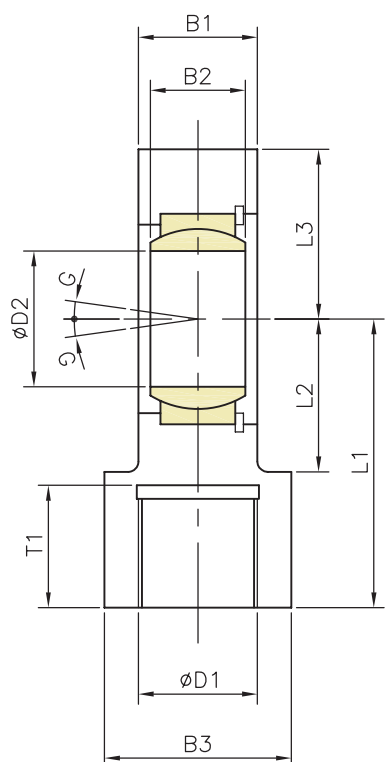


■ 油封規格表

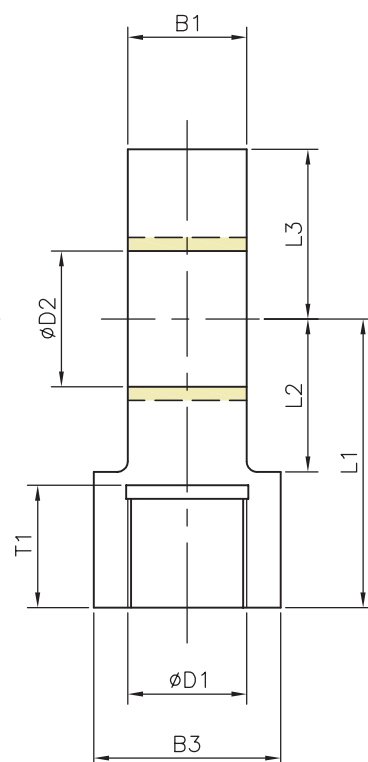
NO	1	2	3	4	5	8	7	8	9
名稱	防塵油封	軸心油封	耐磨片	O型環	活塞油封	耐磨片	O型環	防塵油封	活塞油封
材質	PU	PU	PTFE	NBR	PU	PTFE	NBR	PU	PU
數量	1	1	1	2	2	2	1	1	2
內徑	φ, φ.w mm	φ, φ.w mm +Backup ring	1	2	φ, φ.w 2 mm +Backup ring	2	1	φ, φ.w mm	φ, φ.w 2 mm +Backup ring
φ 80	A 45-53-6.5	45-61-16	45-2.5	G-35	80-60-13	80-2.5	G-75	45-60.1-6.3	80-64.5-6.3
	B 56-64-6.5	56-72-16	56-2.5	G-45				56-71.1-6.3	
φ 100	A 56-64-6.5	56-72-16	56-2.5	G-45	100-80-16	100-2.5	G-95	56-71.1-6.3	100-84.5-6.3
	B 70-80-8	70-90-16	70-2.5	G-60				70-85.1-6.3	
φ 125	A 70-80-8	70-90-16	70-2.5	G-60	125-105-19	125-2.5	G-120	70-85.1-6.3	125-109.5-6.3
	B 90-100-8	90-110-16	90-2.5	G-75				90-105.1-6.3	
φ 140	A 90-100-8	90-110-16	90-2.5	G-75	140-120-19	140-2.5	G-135	90-105.1-6.3	140-119-8.1
	B 100-110-8	100-120-16	100-2.5	G-85				100-115.1-6.3	
φ 160	A 100-110-8	100-120-19	100-2.5	G-75	160-135-24	160-2.5	G-150	100-115.1-6.3	160-139-8.1
	B 110-120-8	110-130-19	110-2.5	G-85				110-125.1-6.3	
φ 180	A 110-120-8	110-130-19	110-2.5	P-80	180-155-24	180-2.5	G-170	110-125.1-6.3	180-159-8.1
	B 125-138-9.5	125-155-39.5	125-2.5	P-95				125-140.1-6.3	
φ 200	A 125-138-9.5	125-155-39.5	125-2.5	P-95	200-175-24	200-2.5	G-190	125-140.1-6.3	200-179-8.1
	B 140-153-9.5	140-165-39.5	140-2.5	P-105				140-155.1-6.3	
φ 220	A 140-153-9.5	140-165-45.5	140-2.5	P-105	220-195-24	220-2.5	G-210	140-155.1-6.3	220-199-8.1
	B 160-174-9.5	160-185-45.5	160-2.5	P-115				160-175.1-6.3	
φ 250	A 160-174-9.5	160-185-45.5	160-2.5	P-115	250-225-24	250-2.5	G-240	160-175.1-6.3	250-229-8.1
	B 180-194-9.5	180-205-45.5	180-2.5	P-140				180-195.1-6.3	
φ 280	A 180-194-9.5	180-205-45.5	180-2.5	P-140	280-255-24	280-2.5	G-270	180-195.1-6.3	280-259-8.1
	B 200-214-9.5	200-225-45.5	200-2.5	P-160				200-220.5-8.1	
φ 300	A 180-194-9.5	180-205-45.5	180-2.5	P-140	300-275-24	300-2.5	G-290	180-195.1-6.3	300-279-8.1
	B 200-214-9.5	200-225-45.5	200-2.5	P-160				200-220.5-8.1	
φ 320	A 200-214-9.5	200-225-45.5	200-2.5	P-160	320-290-24	320-2.5	G-310	200-220.5-8.1	320-299-8.1
	B 220-233-9.5	220-250-50	220-2.5	P-180				220-240.5-8.1	

■ 接頭 LO

前端球面軸承接頭：LO

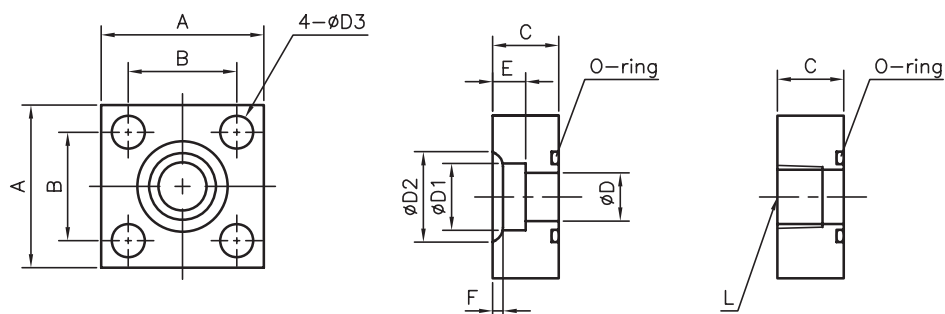


前端平行接頭：LO



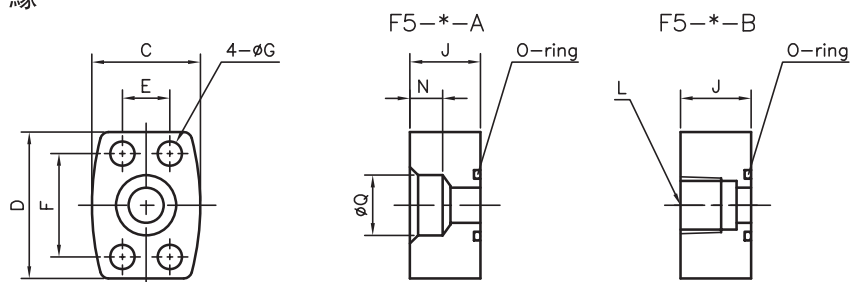
Piston Dia.	B1 _{0/-0.2}	B2	B3	D1	φ D2	L1	L2	L3	L4	R	T1	G	Weigh(kg)
80	35	28 _{0/-0.12}	55	M 39*3	40 _{0/-0.012}	105	45	50.0	78	47.0	55	7°	2.4
100	40	35 _{0/-0.12}	70	M 50*3	50 _{0/-0.012}	135	55	63.0	90	58.0	75	7°	4.1
125	50	44 _{0/-0.15}	87	M 64*3	60 _{0/-0.015}	170	65	70.0	118	65.0	95	7°	6.5
140	55	49 _{0/-0.15}	105	M 80*3	70 _{0/-0.015}	195	75	83.0	130	77.0	110	6°	9.5
160	60	55 _{0/-0.15}	125	M 90*3	80 _{0/-0.015}	210	80	95.0	152	88.0	120	6°	16.0
180	65	60 _{0/-0.20}	150	M 100*3	90 _{0/-0.020}	250	90	113.0	162	103.0	140	5°	28.0
200	70	70 _{0/-0.20}	170	M 110*4	100 _{0/-0.020}	275	105	125.0	192	115.0	150	7°	34.0
220	80	70 _{0/-0.20}	180	M 120*4	110 _{0/-0.020}	300	115	142.5	194	132.5	160	6°	44.0
250	80	70 _{0/-0.20}	180	M 120*4	110 _{0/-0.020}	300	115	142.5	194	132.5	160	6°	44.0
280	90	85 _{0/-0.20}	210	M 150*4	120 _{0/-0.020}	360	140	180.0	224	170.0	190	6°	75.0
300	90	85 _{0/-0.20}	210	M 150*4	120 _{0/-0.020}	360	140	180.0	224	170.0	190	6°	75.0
320	110	90 _{0/-0.25}	230	M 160*4	140 _{0/-0.025}	420	185	200.0	246	190.0	200	7°	160.0

■ SSA 油壓凸緣



SIZE	A	B	C	D	D1	D2	D3	E	F	L	O-ring	Weigh(kg)
15	54	36	22	16	22.2	32	11	11	3.5	Rc 1/2	G25	
20	58	40	22	20	27.7	38	11	12	4.0	Rc 3/4	G30	
25	68	48	28	25	34.5	45	13	14	4.0	Rc 1	G35	
32	76	56	28	31.5	43.2	56	13	16	6.0	Rc 1-1/4	G40	
40	92	65	36	37.5	49.1	63	18	18	7.0	Rc 1-1/2	G50	
50	100	73	36	47.5	61.1	75	18	20	7.0	Rc 2	G60	
65	128	92	45	60	77.1	95	22	22	9.0	Rc 2-1/2	G75	
80	140	103	45	71	90.0	108	24	25	11.0	Rc 3	G85	

■ F5 油壓凸緣



SIZE	C	D	E	F	G	J	N	Q	L	O-ring	Weigh(kg)
F5-04W-A(B)	40	54	17.5	38.1	8.8	26	9	17.8	Rc 3/8	P22	0.5
F5-04 -A(B)	40	54	17.5	38.1	8.8	26	11	22.2	Rc 1/2	P22	0.5
F5-06X-A(B)	48	65	22.2	47.6	11	28	12	27.7	Rc 3/4	G30	0.7
F5-06 -A(B)	48	65	22.2	47.6	11	28	12	27.7	Rc 3/4	G30	0.7
F5-08W-A(B)	55	70	26.2	52.4	11	28	12	27.7	Rc 3/4	G35	0.9
F5-08 -A(B)	55	70	26.2	52.4	11	28	14	34.5	Rc 1	G35	0.9
F5-10 -A(B)	64	80	30.2	58.7	11	29	16	43.2	Rc 1-1/4	G40	1.2
F5-12 -A(B)	72	94	35.7	69.9	13.5	30	18	49.1	Rc 1-1/2	G50	1.5
F5-16W-A(B)	85	102	42.9	77.8	13.5	30	18	49.1	Rc 1-1/2	G60	1.8
F5-16 -A(B)	85	102	42.9	77.8	13.5	30	20	61.1	Rc 2	G65	1.7
F5-20 -A(B)	102	114	50.8	88.9	13.5	38	22	77.1	Rc 2-1/2	G75	2.0
F5-24 -A(B)	116	135	61.9	106.4	17.5	38	25	90.0	Rc 3	G85	2.7