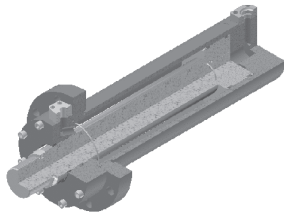


HC8系列油壓缸



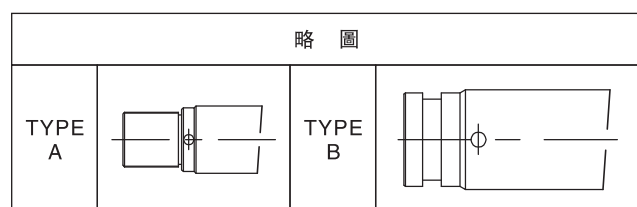
規格表

項目	型式	HC8系列
缸管內徑 mm		φ 125, φ 150, φ 180, φ 200 φ 220, φ 250, φ 280, φ 300 φ 320, φ 350
固定座形式		FA
使用壓力 kgf/cm ²		160
測試壓力 kgf/cm ²		230
最低作動壓力 kgf/cm ²		3
適用作動油		一般礦物性作動油
最高使用速度 mm/sec		500
最低使用速度 mm/sec		20
周圍溫度範圍 °C		-10~+80
推杆前端形式		A TYPE 與 B TYPE
最大行程		參考彎曲強度低值 (DRAW)
行程容許差		JIS B 8354 A級

特性

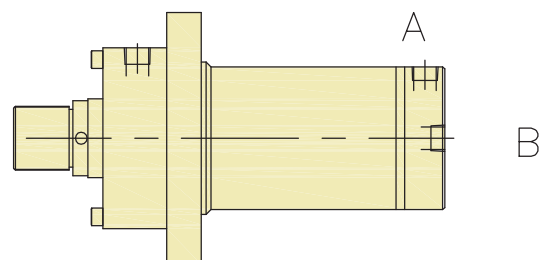
- 1、此系列油壓缸為HC7型之改良型。有兩種固定形式，FA型推出及縮回時均適用之形式。
- 2、廣泛適用於橡膠硫化機，壓機，剪床等。
- 3、加工精度高，表面處理，油封材質等零件都極為考慮的高性能油壓缸。
- 4、高加工精度及表面處理，設計時考慮特殊用途之高性能油壓缸。

活塞杆前端形式



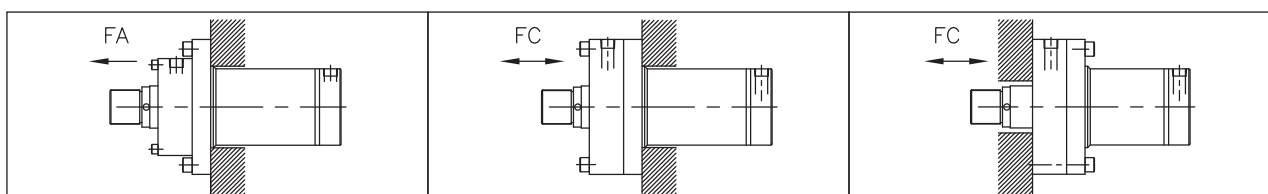
出入口形式

- ※後蓋端出入口形式可分，管用斜牙螺紋，油壓用凸緣兩種，位置為 A、B。
- ※選購時須和目錄位置相同，如不同時長度會改變，請洽詢。



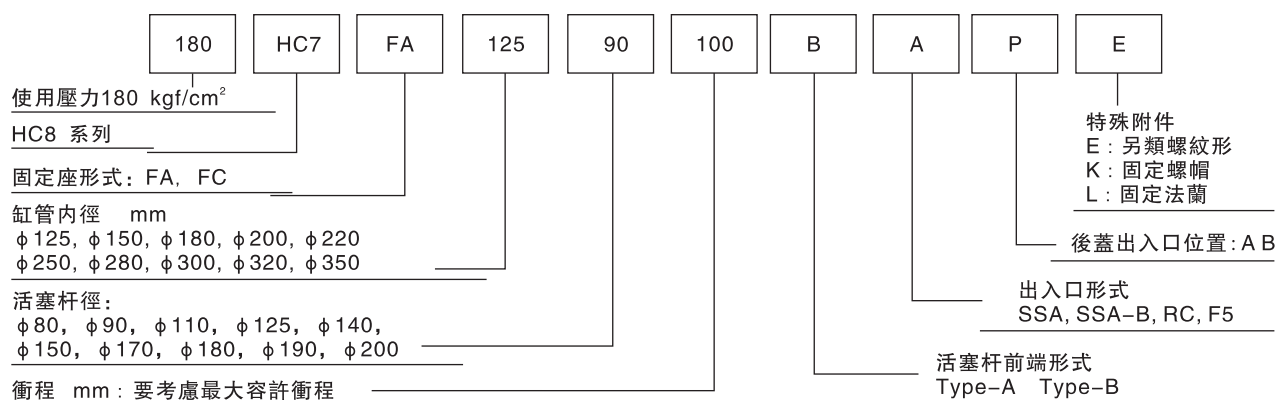
※作動油與油封材料之配合參照HC7表

固定方式

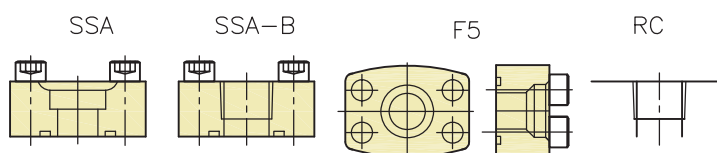


HC8

■ 訂購內容索引



■ 出入口油壓凸緣

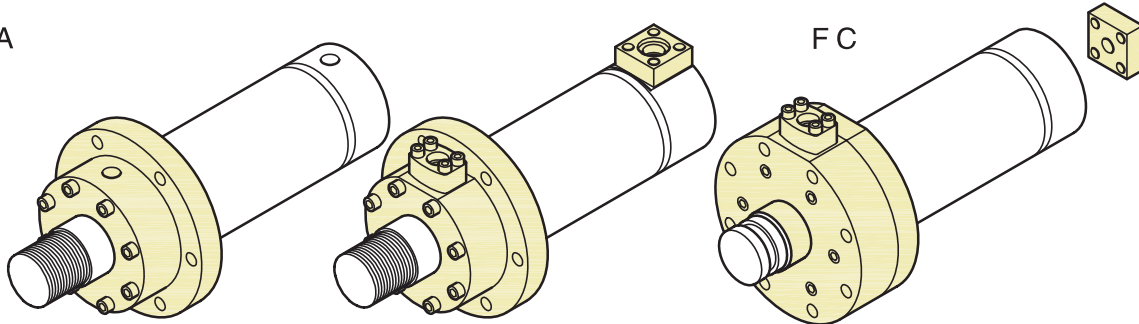


■ 技術參數

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
				30 kgf/cm ²	70 kgf/cm ²	140 kgf/cm ²	210 kgf/cm ²		
125	80	推力	122.7	3680	8586	17181	25771	14.0	7.4
		拉力	72.4	2172	5069	10143	15215	23.0	4.3
150	90	推力	176.6	5299	12364	24740	37110	9.0	10.6
		拉力	113.0	3391	7913	15834	23750	15.0	6.8
180	110	推力	254.3	7630	17804	35626	53438	7.0	15.3
		拉力	159.4	4781	11161	22321	33482	10.0	9.6
200	125	推力	314.2	9420	21980	43982	65973	5.3	18.8
		拉力	191.3	5740	13401	26802	40203	8.7	11.5
220	140	推力	380.0	11398	26596	53219	79828	4.4	22.8
		拉力	226.1	6782	15834	31667	47501	7.4	13.6
250	150	推力	490.6	14719	34344	68722	103084	3.4	29.4
		拉力	314.0	9420	21991	43982	65973	5.3	18.8
280	170	推力	615.4	18463	43081	86205	129308	2.7	36.9
		拉力	388.6	11657	27214	54428	81642	4.3	23.3
300	180	推力	706.5	21195	49455	98960	148440	2.4	42.4
		拉力	452.2	13565	31667	63335	95000	3.7	27.1
320	190	推力	804.2	24115	56269	112595	168892	2.1	48.2
		拉力	520.5	15614	36450	72900	109351	3.2	31.2
350	200	推力	961.6	28849	67314	134696	202044	1.7	57.7
		拉力	647.6	19429	45357	90713	136070	2.6	38.9

HC 8

FA



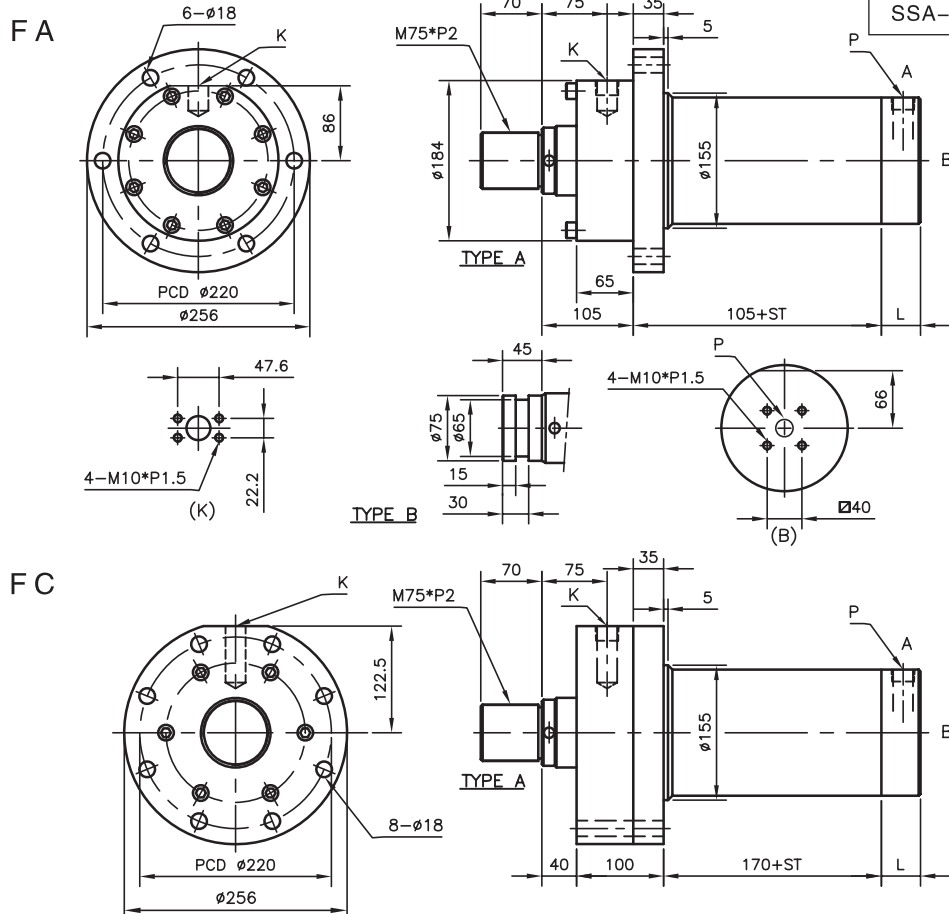
■ 尺寸圖

HC8-φ125

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
φ125	φ80

DIMENSION K
RC3/4"
G3/4"
F5-06-A

DIMENSION		
P	L	
RC 3/4"	B	45
RC 3/4"	A	45
SSA-20	B	45
SSA-20	A	75



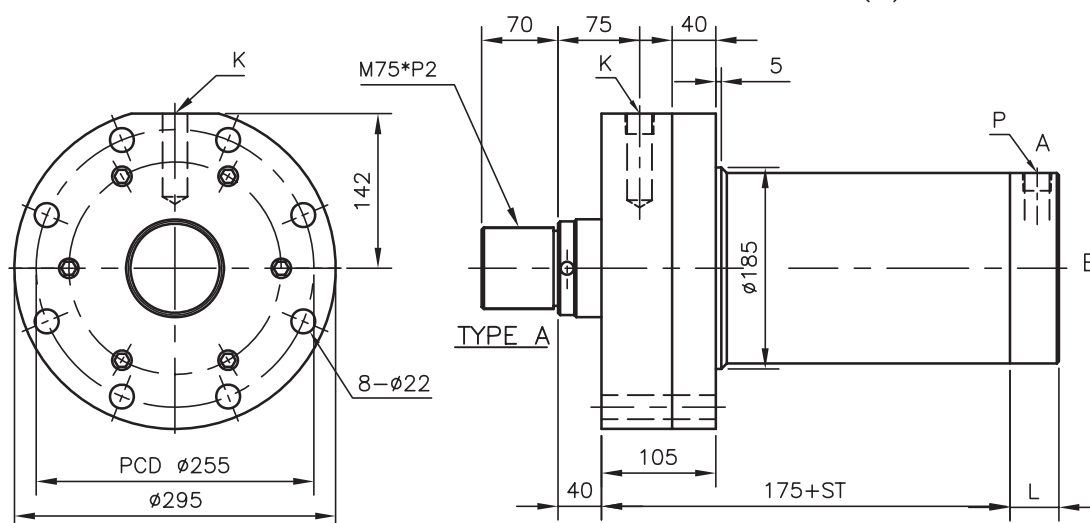
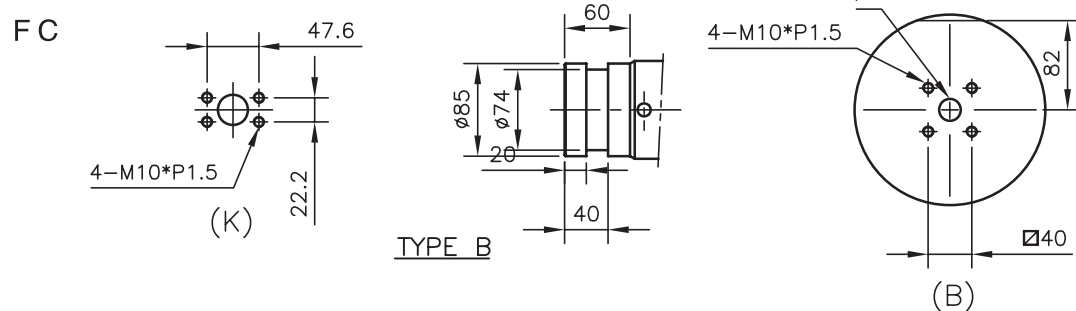
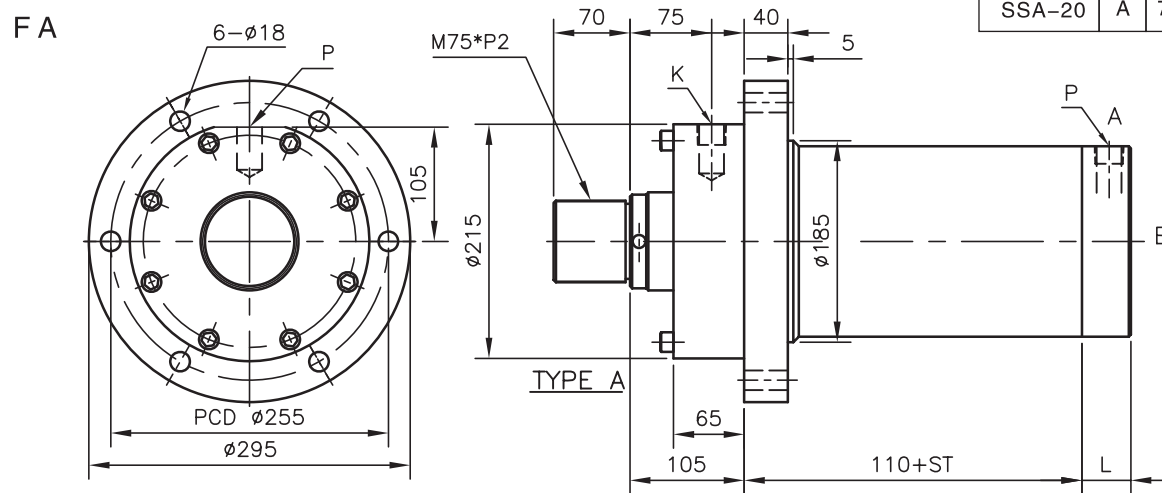
■ 尺寸圖

HC8- $\phi 150$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 150$	$\phi 90$

DIMENSION K
RC3/4"
G3/4"
F5-06-A

DIMENSION		
P	L	
RC 3/4"	B	45
RC 3/4"	A	45
SSA-20	B	45
SSA-20	A	75



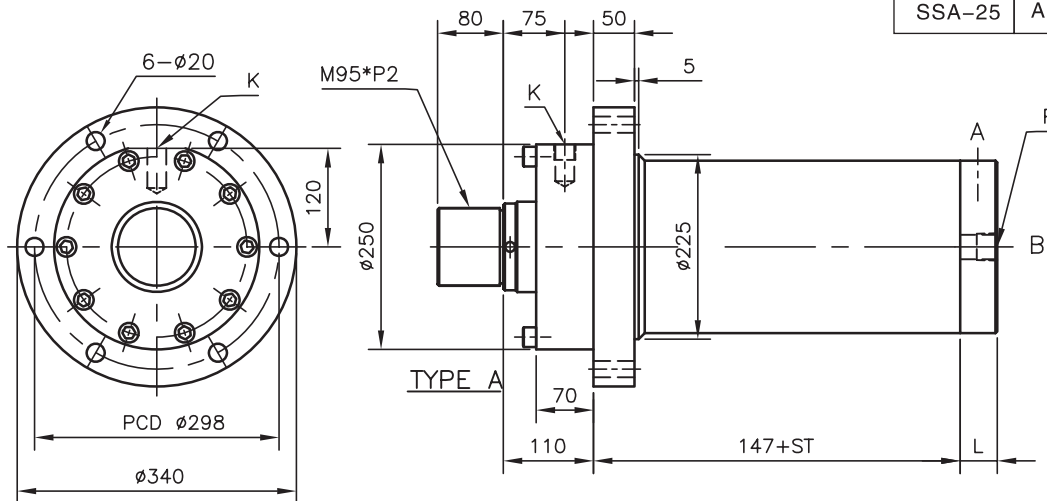
HC8- $\phi 180$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 180$	$\phi 110$

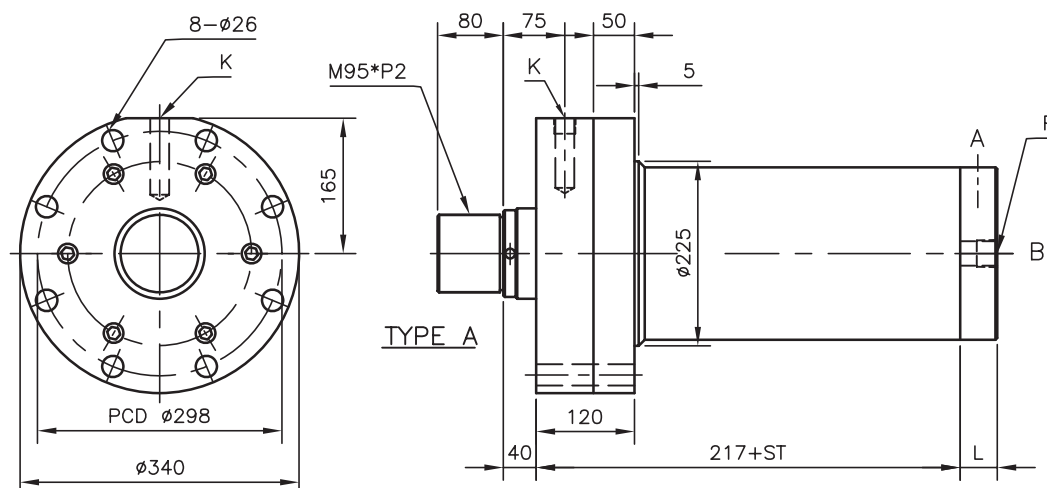
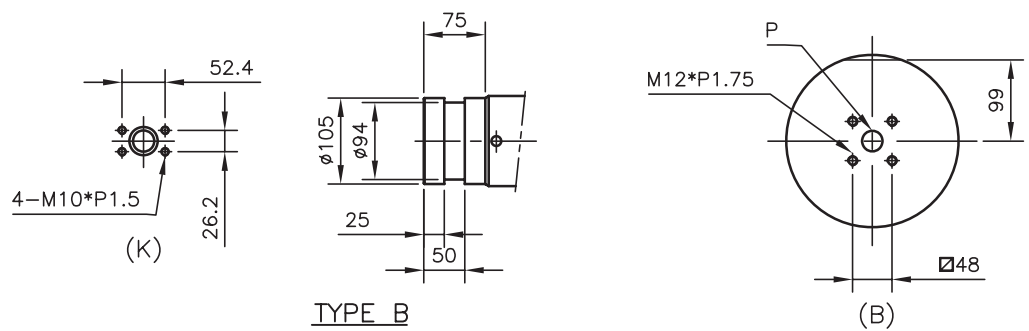
DIMENSION K
RC 1"
G 1"
F5-08-A

DIMENSION		
P	L	
RC 1"	B	45
RC 1"	A	50
SSA-25	B	45
SSA-25	A	85

FA



FC



■ 尺寸圖

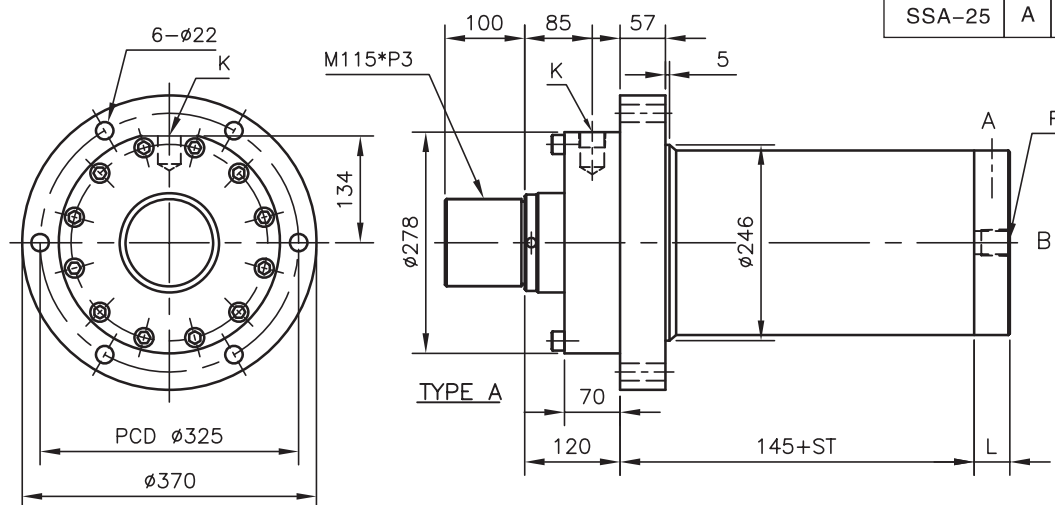
HC8- $\phi 200$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 200$	$\phi 125$

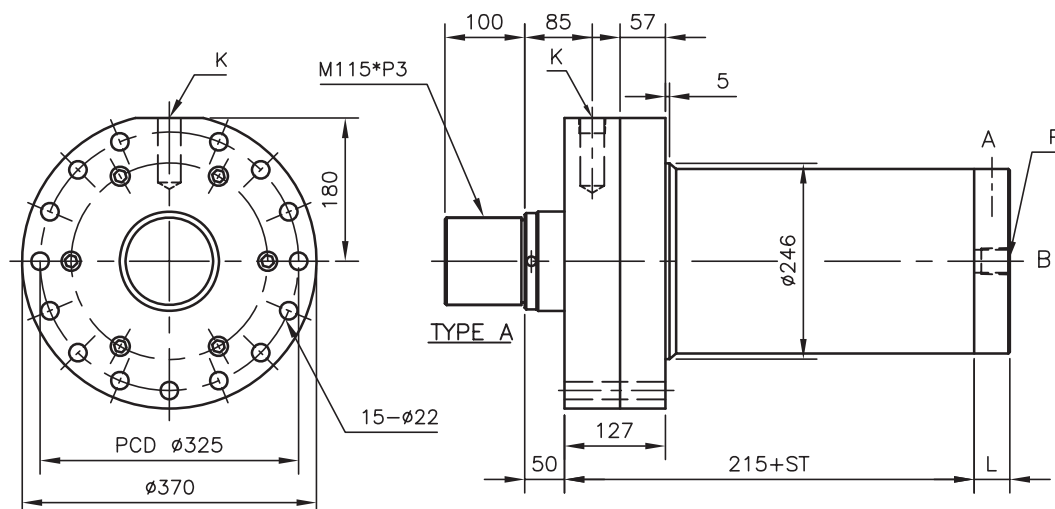
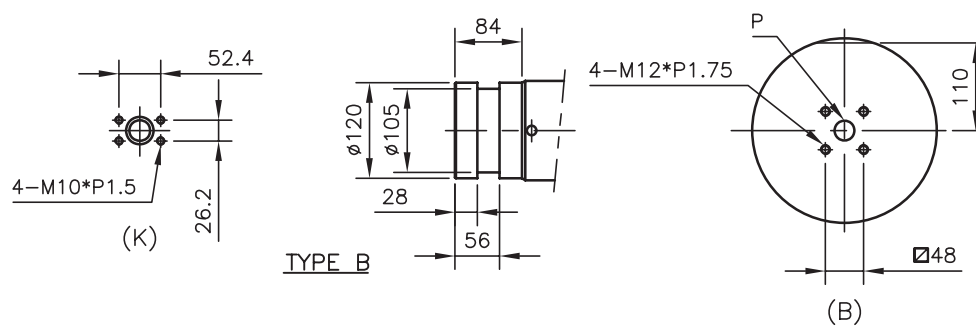
DIMENSION K
RC 1"
G 1"
F5-08-A

DIMENSION		
P		L
RC 1"	B	45
RC 1"	A	50
SSA-25	B	45
SSA-25	A	85

FA



FC



■ 尺寸圖

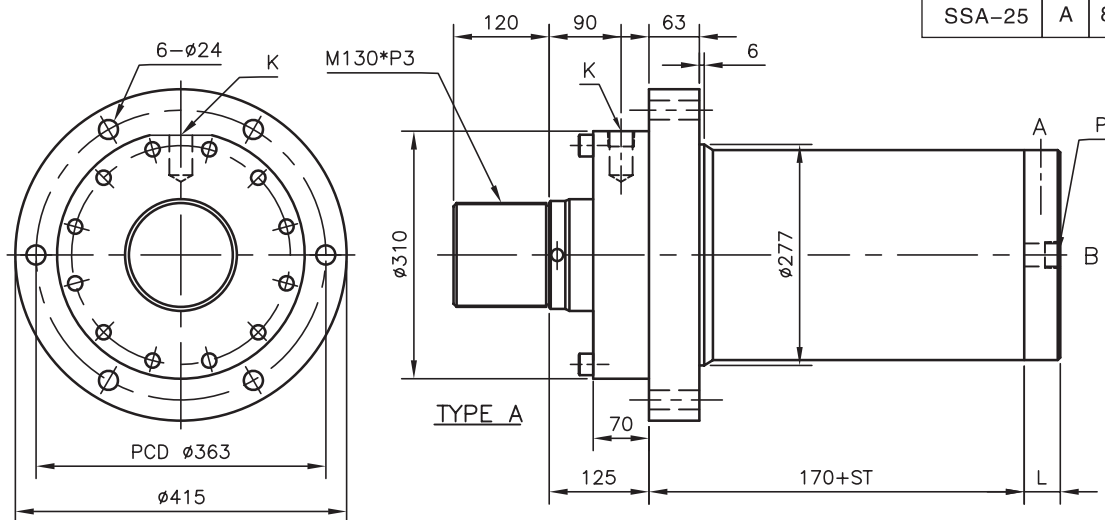
HC8- $\phi 220$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 220$	$\phi 140$

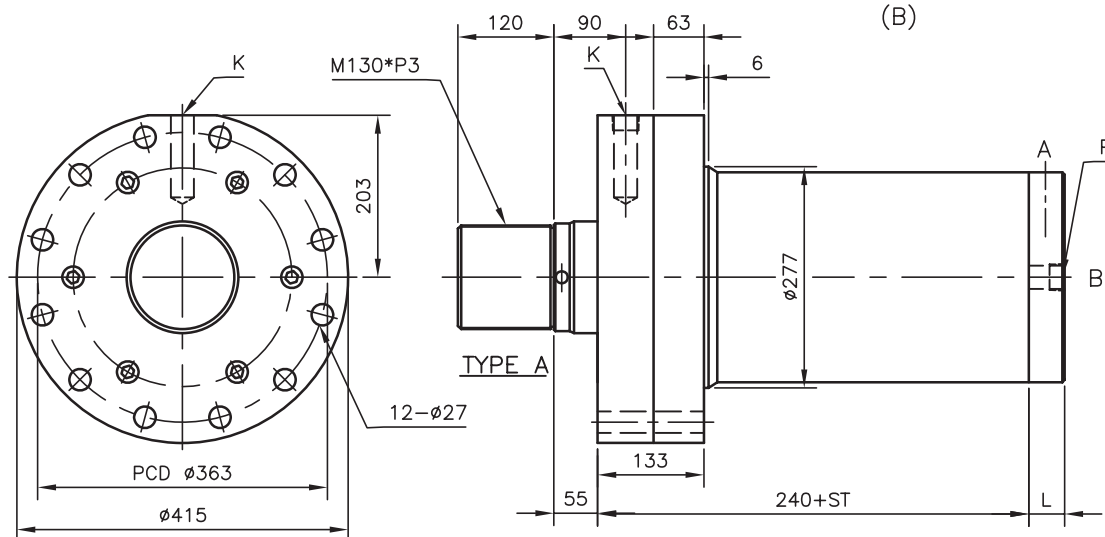
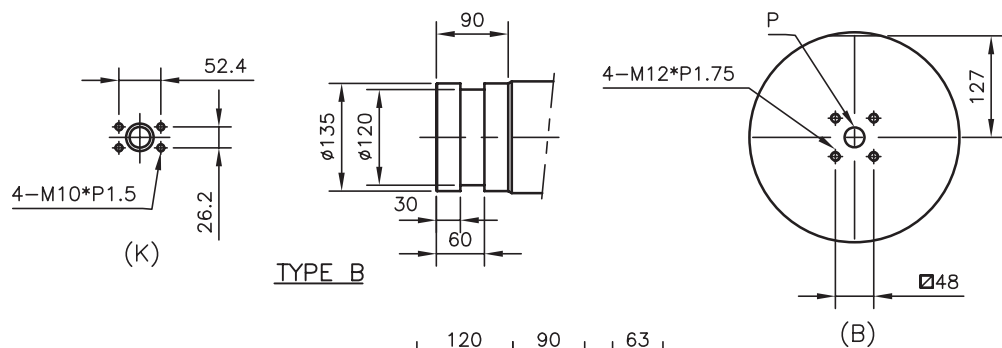
DIMENSION K
RC 1"
G 1"
F5-08-A

DIMENSION		
P	B	L
RC 1"	B	45
RC 1"	A	50
SSA-25	B	45
SSA-25	A	85

FA



FC



■ 尺寸圖

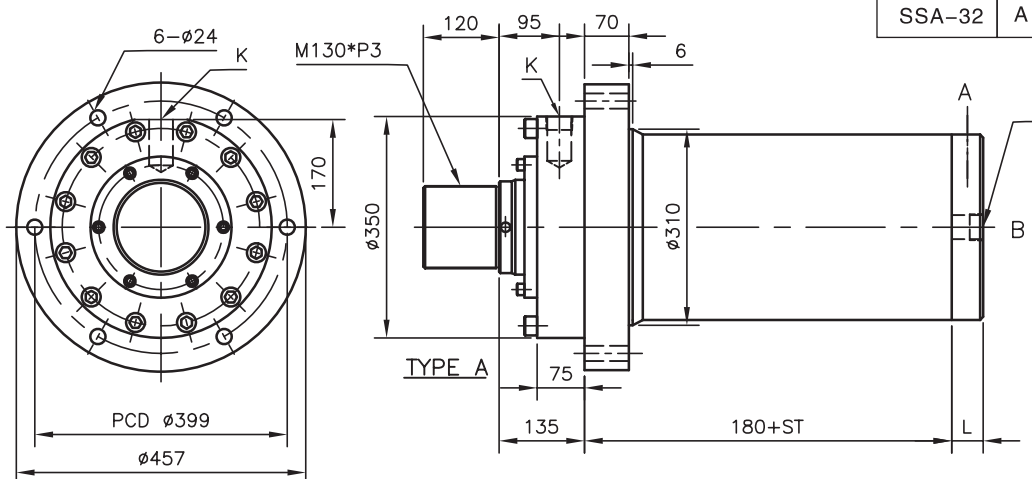
HC8- $\phi 250$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 250$	$\phi 150$

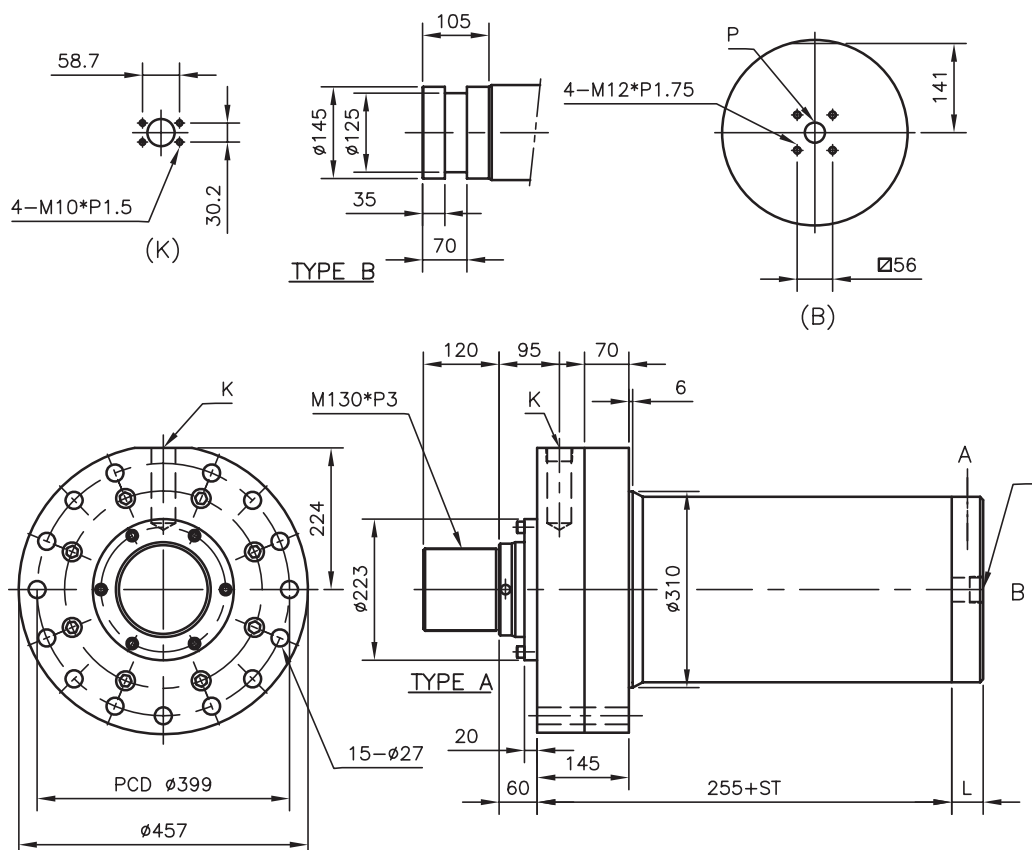
DIMENSION K
RC1-1/4"
G1-1/4"
F5-010-A

DIMENSION		
P	B	L
RC1-1/4"	B	50
RC1-1/4"	A	60
SSA-32	B	50
SSA-32	A	95

FA



FC



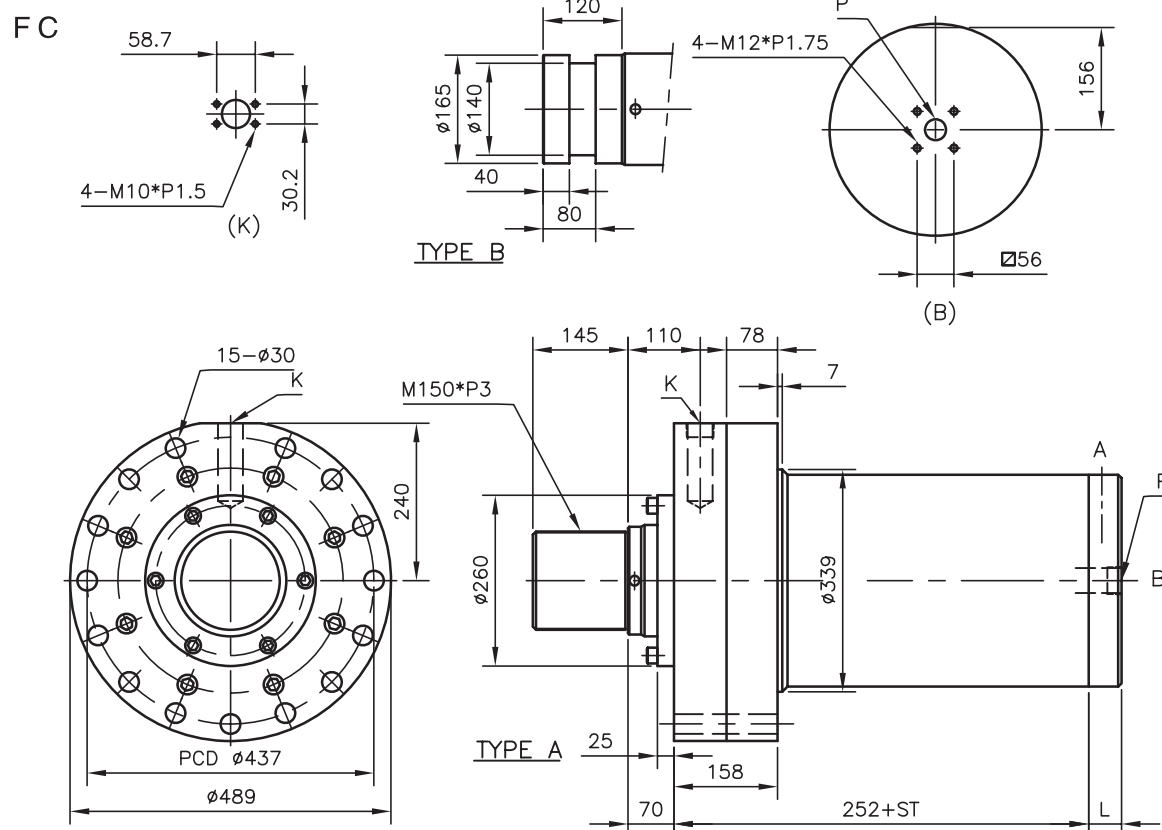
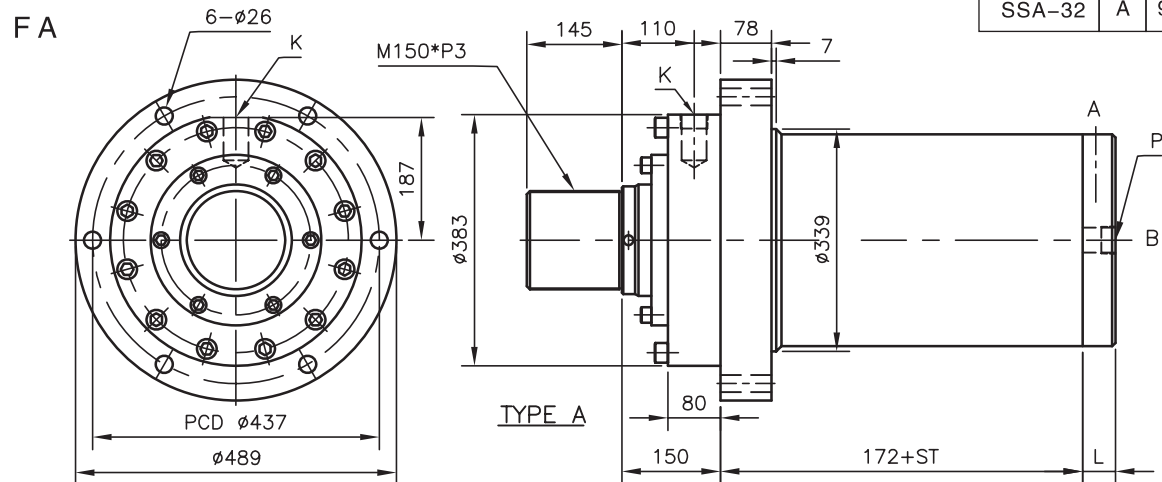
■ 尺寸圖

HC8- $\phi 280$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 280$	$\phi 170$

DIMENSION K
RC1-1/4"
G1-1/4"
F5-10-A

DIMENSION		
P	B	L
RC1-1/4"	B	50
RC1-1/4"	A	60
SSA-32	B	50
SSA-32	A	95



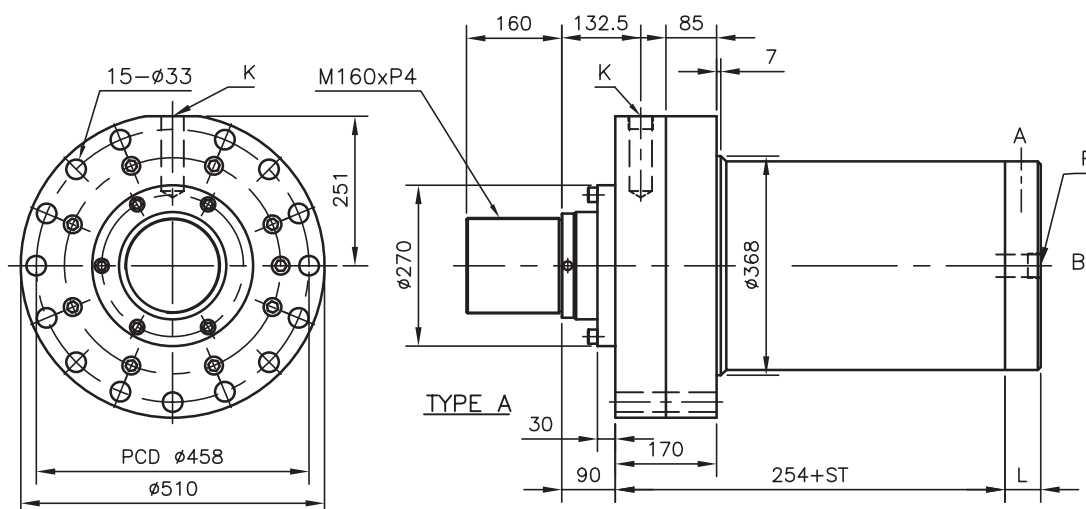
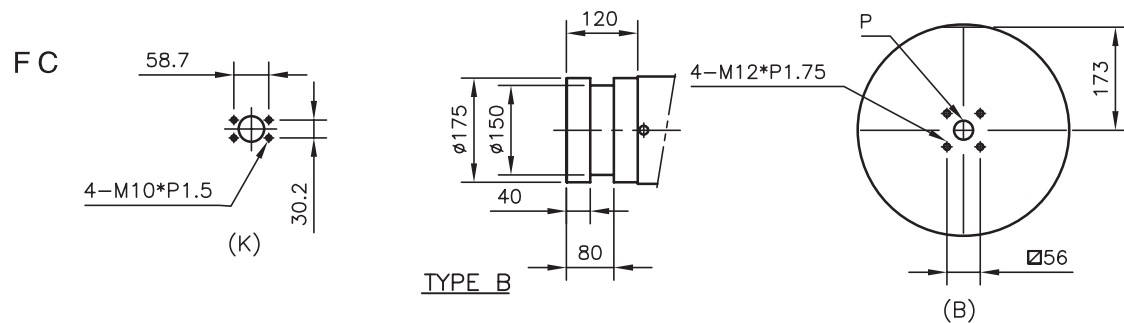
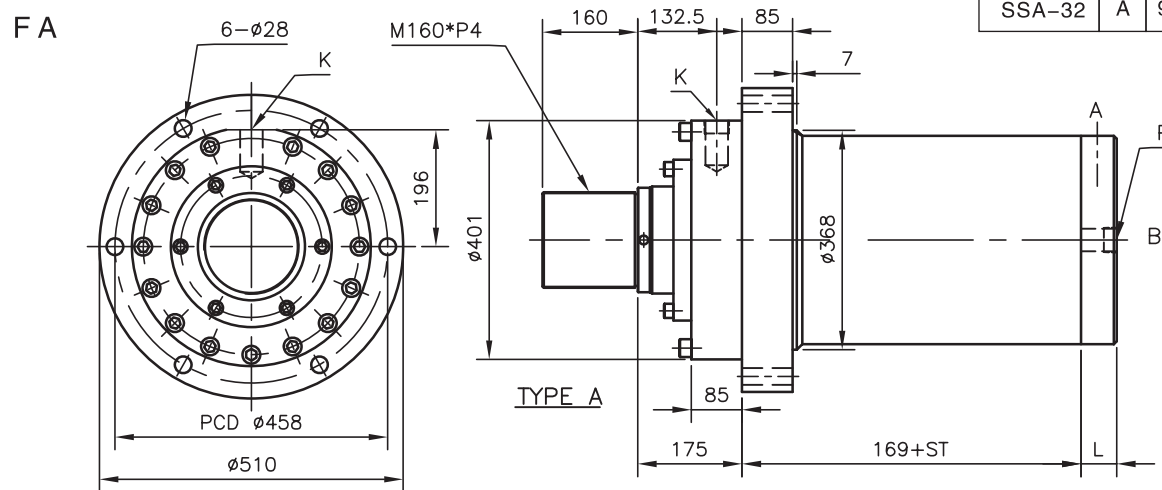
■ 尺寸圖

HC8- $\phi 300$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 300$	$\phi 180$

DIMENSION K
RC1-1/4"
G1-1/4"
F5-10-A

DIMENSION		
P	B	L
RC1-1/4"	B	60
RC1-1/4"	A	60
SSA-32	B	60
SSA-32	A	95



■ 尺寸圖

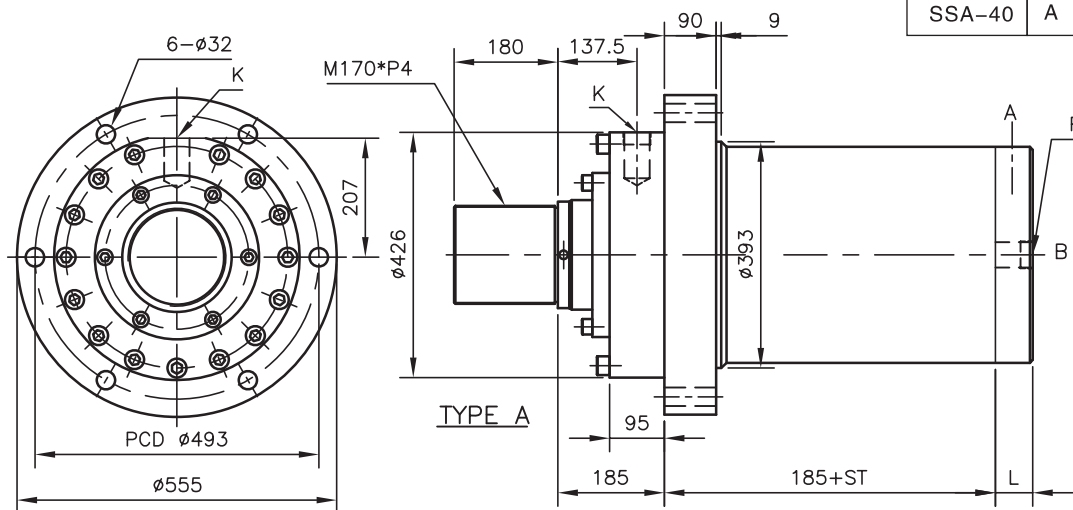
HC8- $\phi 320$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 320$	$\phi 190$

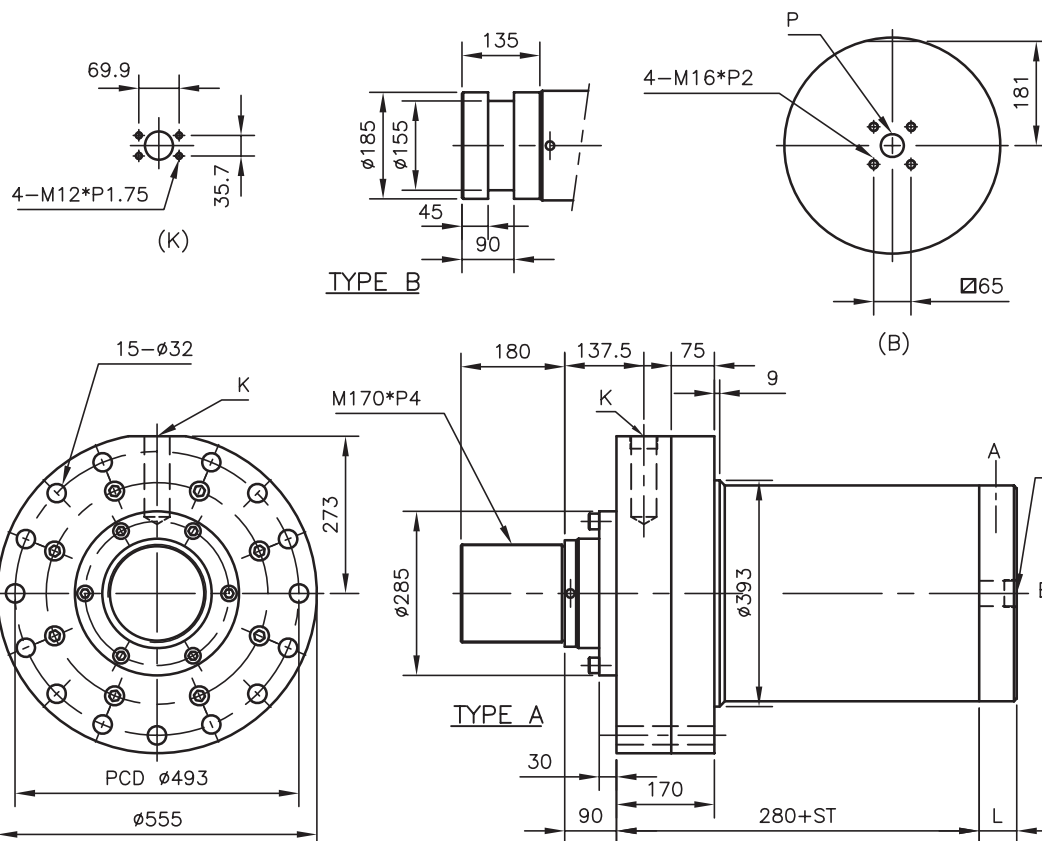
DIMENSION K
RC1-1/2"
G1-1/2"
F5-12-A

DIMENSION		
P	L	
RC1-1/2"	B	65
RC1-1/2"	A	75
SSA-40	B	65
SSA-40	A	118

FA



FC



■ 尺寸圖

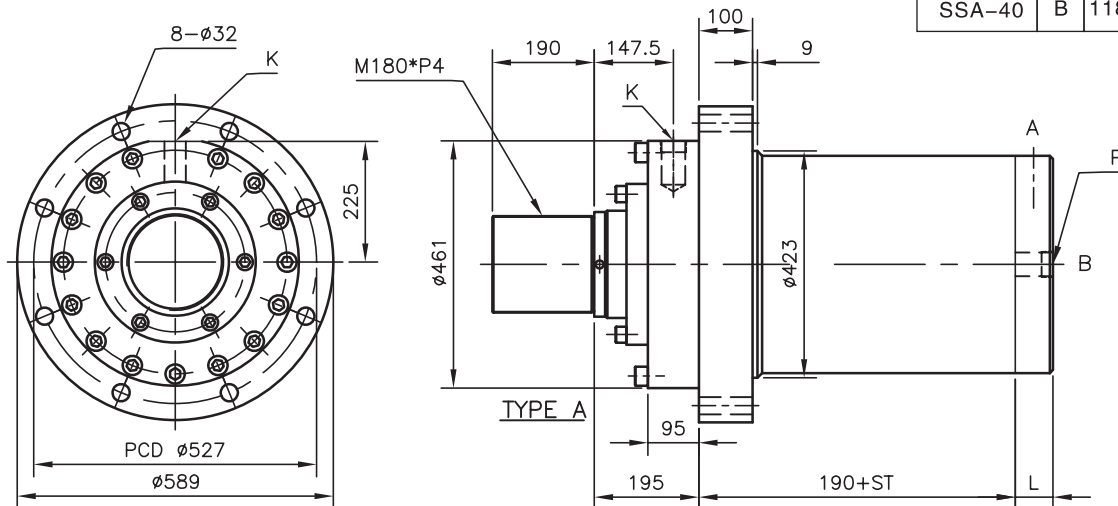
HC8- $\phi 350$

CYLINDER INSIDE DIMENSION	PISTON-ROD OUTSIDE DIMENSION
$\phi 350$	$\phi 200$

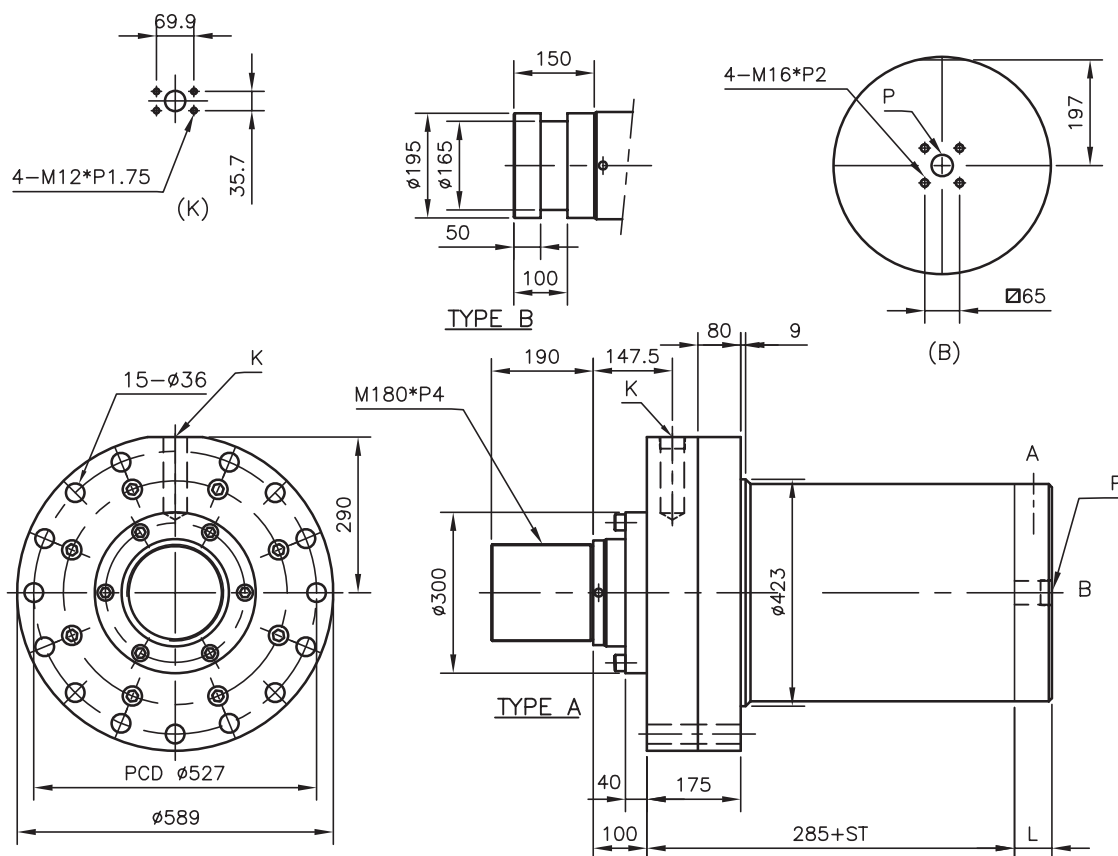
DIMENSION K
RC1-1/2"
G1-1/2"
F5-12-A

DIMENSION		
P	L	
RC1-1/2"	B	70
RC1-1/2"	A	75
SSA-40	B	70
SSA-40	B	118

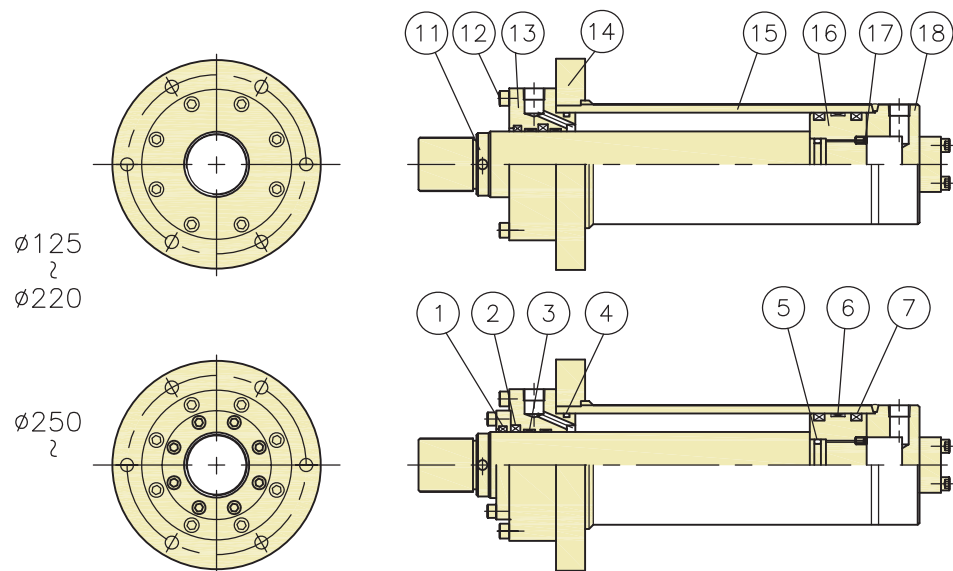
FA



FC



HC 8



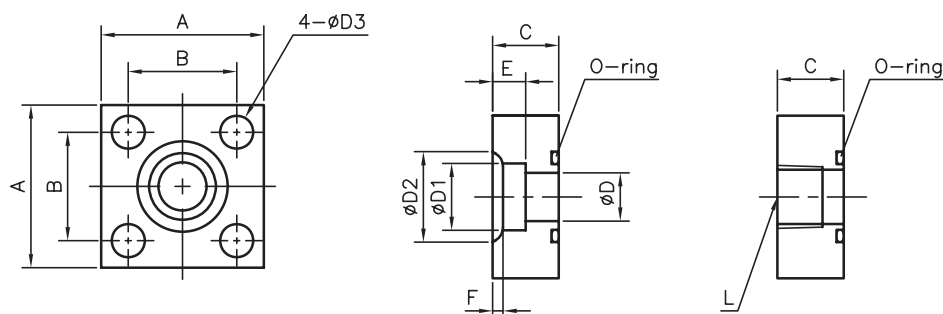
零件名稱及材質表

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	15	缸管	機械構造用碳鋼鋼管	1
12	前蓋	一般構造用軋鋼	1	16	活塞	一般構造用軋鋼	1
13	六角承窩螺絲	機械構造用碳鋼	8	17	防鬆螺絲	機械構造用碳鋼	1
14	法蘭	一般構造用軋鋼	1	18	後蓋	一般構造用軋鋼	1

油封規格表

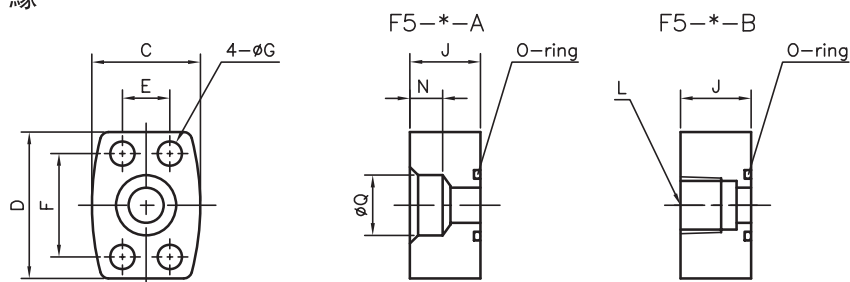
NO	1	2	3	4	5	6	7
名稱	防塵油封	軸心油封	耐磨片	O型環	O型環	耐磨片	活塞油封
材質	PU	PU	PTFE	NBR	NBR	PTFE	PU
數量	1	2	2	1	1	1	2
內徑	φ, φ.w mm	φ, φ.w mm					φ, φ.w mm
φ 125	80-90-8	80-90-6	80-2.5	G-120	G-55	125-2.5	125-112-13
φ 150	90-100-8	90-105-9	90-2.5	G-145	G-65	150-2.5	150-136-13
φ 180	110-120-8	110-125-9	110-2.5	G-170	G-95	180-2.5	180-165-13
φ 200	125-138-9.5	125-140-9	125-2.5	G-190	G-105	200-2.5	200-180-16
φ 220	140-153-9.5	140-155-9	140-2.5	G-210	P-115	220-2.5	220-200-16
φ 250	150-163-9.5	150-165-9	150-2.5	G-240	P-125	250-2.5	250-230-16
φ 280	170-185-14	170-185-9	170-2.5	G-270	P-145	280-2.5	280-255-20
φ 300	180-194-9.5	180-200-12	180-2.5	G-290	G-155	300-2.5	300-270-23
φ 320	190-203-9.5	190-210-12	190-2.5	P-300	G-165	320-2.5	320-290-24
φ 350	200-214-9.5	200-220-12	200-2.5	P-335	G-175	350-2.5	350-320-24

■ 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	0.4
20	58	40	22	20	27.7	38	11	12	4.0	Rc 3/4	G30	0.5
25	68	48	28	25	34.5	45	13	14	4.0	Rc 1	G35	0.8
32	76	56	28	31.5	43.2	56	13	16	6.0	Rc 1-1/4	G40	0.9
40	92	65	36	37.5	49.1	63	18	18	7.0	Rc 1-1/2	G50	1.7
50	100	73	36	47.5	61.1	75	18	20	7.0	Rc 2	G60	2.0
65	128	92	45	60	77.1	95	22	22	9.0	Rc 2-1/2	G75	4.2
80	140	103	45	71	90.0	108	24	25	11.0	Rc 3	G85	4.8

■ 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