

CTC

外螺紋小型油壓單動缸

CTC HYDRAULIC THREAD CYLINDER



產品特性

外螺紋小型單動缸採用進口油封及零件，確保品質，使用時漏油量少，高壓夾持中保持長時間不漏油。外螺紋式小型單動缸體積小，使用於夾具上，能在小的空間內排列使用。

此型式油壓缸使用於頂出場合，彈簧退回，無法使用於拉式場合上。安裝時儘可能垂直於工作面，傾斜勿超過10°。

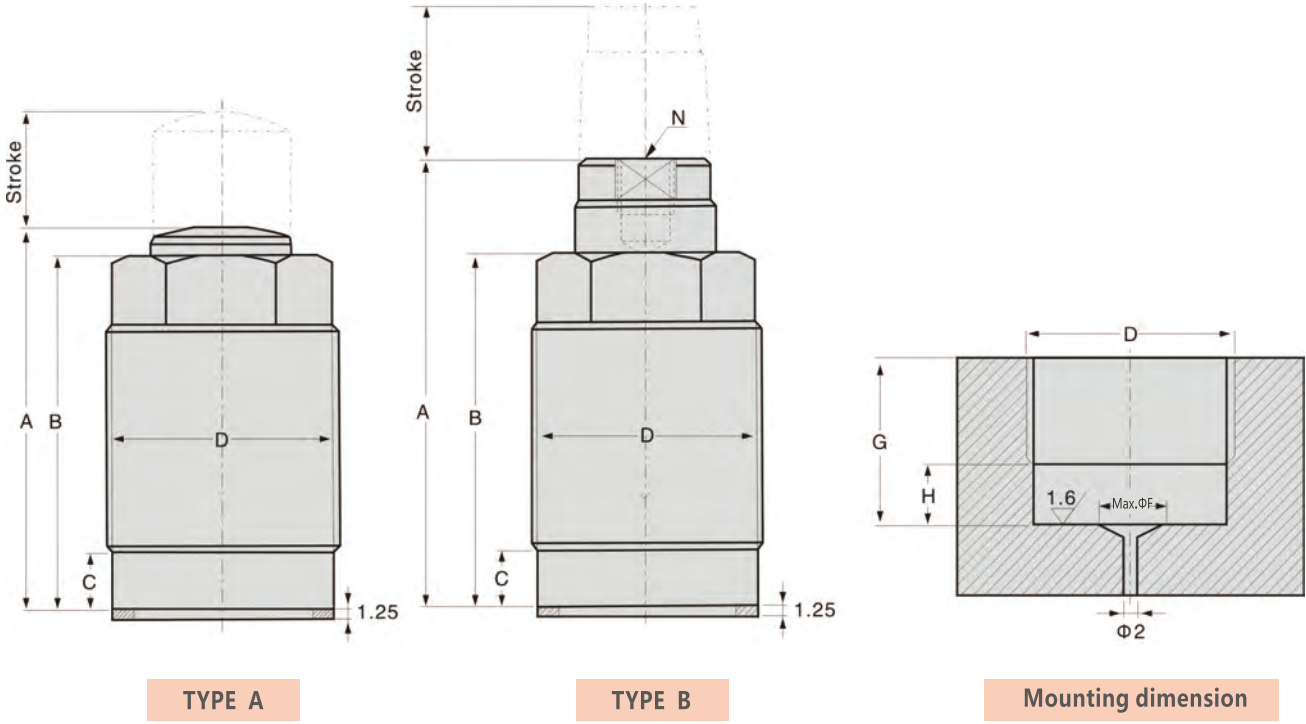
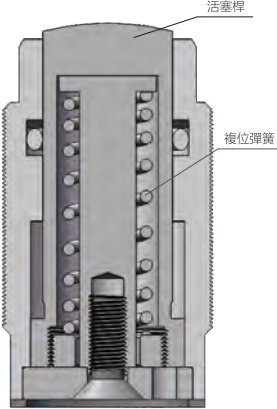
缸體底部需置放一隻鎖緊防漏墊圈。

最大操作壓力：250 kgf/cm²
最小操作壓力：20 kgf/cm²
作動方式：單動式

FEATURES

The Thread-body single acting hydraulic cylinder use imported oil seal and accessories to guarantee the quality . No oil leakage while clamping in high pressure for a long time.The volume of the thread-body single acting hydraulic cylinder is small. It can be utilized in a small space in the fixture.This hydraulic cylinder is used to extend out, and when spring returns, but it can't be used for pulling back. The angle degree between the cylinder and workpiece could not be larger than 10°while installing. The bottom of the cylinder barrel needs a leakage-proof gasket.

剖面圖 Sectional view



規格參數表 SPECIFICATION

型號	理論夾持力(250 kgf/cm ²)	總行程	推出容積	推出受壓面積	彈簧阻抗	使用流體
MODEL	CLAMPING FORCE AT 250kgf/cm ² (kgf)	TOTAL STROKE(mm)	CYLINDER CAPACITY CLAMP(cm ³)	EFFPISTON AREA CLAMP(cm ²)	SPRING FORCE(kgf)	USABLE FLUID
CTC-12A	247.5	10	2.14	1.13	35	相當於ISO黏度等級的ISO-VG-32一般液壓油General Hydraulic Oil Equivalent to ISO-VG-32
CTC-16A	475	12	4.24	2.00	25	
CTC-20A	765	15	7.29	3.14	20	
CTC-25A	1210	16	11.85	4.90	15	
CTC-12B	247.5	10	2.14	1.13	35	
CTC-16B	475	12	4.24	2.00	25	
CTC-20B	765	15	7.29	3.14	20	
CTC-25B	1210	16	11.85	4.90	15	

訂購標示法 ORDERING INDICATION

示例：CTC-16A

CTC	系列 Series	CTC
16	活塞桿徑 Piston diameter	Φ12,Φ16,Φ20,Φ25
A	類型 type	分為A、B兩種 It can be divided into A and B

MODEL	A	B	C	D	F	G	H	N	ST
CTC-12A	38	36	7	M22×1.5	12	16	6	-	10
CTC-16A	46.5	44.5	8	M26×1.5	16	20	7	-	12
CTC-20A	57.5	51	8	M30×1.5	20	24	7	-	15
CTC-25A	58.5	55	11	M38×1.5	25	28	10	-	16
CTC-12B	45	36	7	M22×1.5	12	16	6	M6×1.0	10
CTC-16B	52	44.5	8	M26×1.5	16	20	7	M6×1.0	12
CTC-20B	64.5	51	8	M30×1.5	20	24	7	M8×1.25	15
CTC-25B	67.5	55	11	M38×1.5	25	28	10	M8×1.25	16

註：理論夾持力=受壓面積x 工作壓力-彈簧阻抗
彈簧阻抗指其最大理論值

CTC-K

外螺紋小型油壓單動缸

CTC-K HYDRAULIC THREAD CYLINDER

產品特性

外螺紋小型單動缸採用進口油封及零件，確保品質，使用時漏油量極少，高壓夾持中保持長時間不漏油。外螺紋式小型單動缸體積小，使用於夾具上，能在小空間內排列使用。

此型式油壓缸使用於頂出場合，彈簧退回，無法使用於拉式場合上。安裝時儘可能垂直於工作面，傾斜勿超過10°。

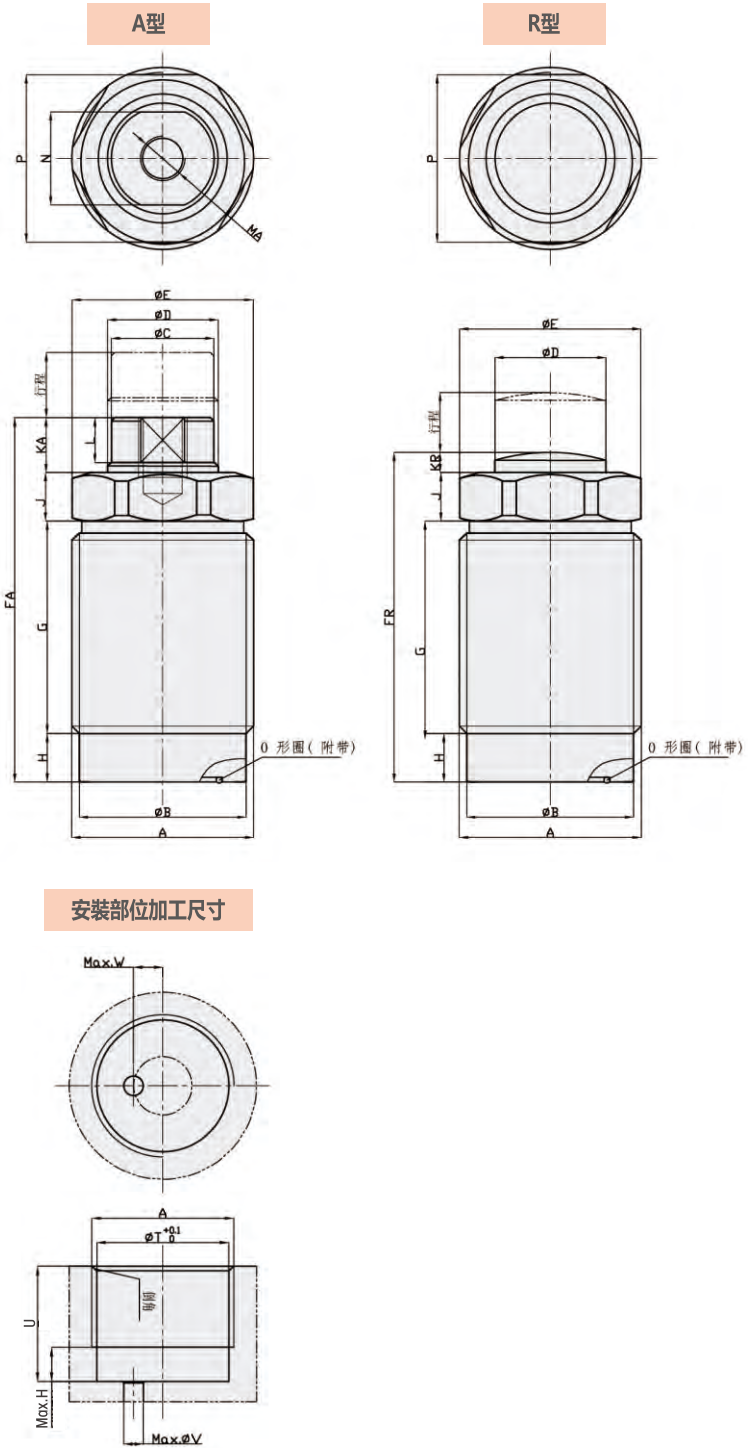
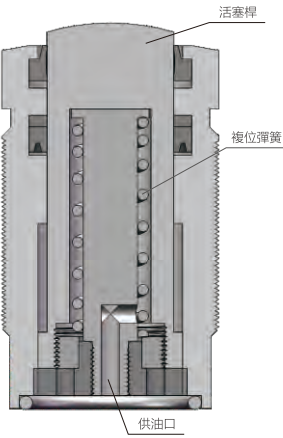
缸體底部需置放一隻鎖緊防漏墊圈。

最大操作壓力：250 kgf/cm²
最小操作壓力：20 kgf/cm²
作動方式：單動式

FEATURES

The Thread-body single acting hydraulic cylinder use imported oil seal and accessories to guarantee the quality . No oil leakage while clamping in high pressure for a long time.The volume of the thread-body single acting hydraulic cylinder is small. It can be utilized in a small space in the fixture.This hydraulic cylinder is used to extend out, and when spring returns, but it can't be used for pulling back. The angle degree between the cylinder and workpiece could not be larger than 10°while installing. The bottom of the cylinder barrel needs a leakage-proof gasket.

剖面圖 Sectional view



外形尺寸及安裝部位加工尺寸表
External dimensions and machine dimensions for mounting

MODEL	CTC-K024	CTC-K030	CTC-K036	CTC-K045	CTC-K055
A	M24×1.5	M30×1.5	M36×1.5	M45×1.5	M55×2
B	22.3	28.3	34.3	43.3	52.6
C	13	17	19	28	34.5
D	14	18	22.4	30	35.5
E	24.5	30	35.5	45	55
FA行程代碼	S: 39.5 M: 47 L: 63.5	S: 43.5 M: 52.5 L: 72	S: 51 M: 64 L: 85	S: 59 M: 72 L: 94.5	S: 64 M: 79.5 L: 102
G行程代碼	S: 17.5 M: 25 L: 41.5	S: 18 M: 27 L: 46.5	S: 23.5 M: 36.5 L: 57.5	S: 23 M: 36 L: 58.5	S: 27 M: 42.5 L: 65
H	8	9	10	12	12
J	7	8	8	12	12
KA	7	8.5	9.5	12	13
L	5.5	7	8	10	11
MA	M6×7	M8×10	M8×10	M10×11	M12×12
N	10	14	17	24	30
P	22	27	32	41	50
T	22.5	28.5	34.5	43.5	53
U行程代碼	S: 14<U<24 M: 14<U<32 L: 14<U<48	S: 15<U<26 M: 15<U<35 L: 15<U<54	S: 16<U<32 M: 16<U<45 L: 16<U<66	S: 18<U<34 M: 18<U<47 L: 18<U<69	S: 20<U<38 M: 30<U<53 L: 20<U<76
V	3	6	6	8	8
W	5.5	6	8	10	13
倒角	C1	C1	C1	C1	C1.5
O形圈	AS568-017	AS568-020	AS568-120	P31.5	P39

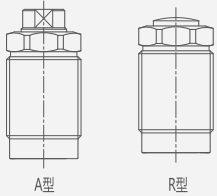
外形尺寸及安裝部位加工尺寸表
External dimensions and machine dimensions for mounting

MODEL	CTC-K024	CTC-K030	CTC-K036	CTC-K045	CTC-K055
A	M24×1.5	M30×1.5	M36×1.5	M45×1.5	M55×2
B	22.3	28.3	34.3	43.3	52.6
D	14	18	22.4	30	35.5
E	24.5	30	35.5	45	55
FR行程代碼	S: 35 M: 42.5 L: 59	S: 38 M: 47 L: 66.5	S: 45 M: 58 L: 79	S: 51 M: 64 L: 86.5	S: 56 M: 71.5 L: 94
G行程代碼	S: 17.5 M: 25 L: 41.5	S: 18 M: 27 L: 46.5	S: 23.5 M: 36.5 L: 57.5	S: 23 M: 36 L: 58.5	S: 27 M: 42.5 L: 65
H	8	9	10	12	12
J	7	8	8	12	12
KR	2.5	3	3.5	4	5
P	22	27	32	41	50
T	22.5	28.5	34.5	43.5	53
U行程代碼	S: 14<U<24 M: 14<U<32 L: 14<U<48	S: 15<U<26 M: 15<U<35 L: 15<U<54	S: 16<U<32 M: 16<U<45 L: 16<U<66	S: 18<U<34 M: 18<U<47 L: 18<U<69	S: 20<U<38 M: 30<U<53 L: 20<U<76
V	3	6	6	6	8
W	5.5	6	8	10	13
倒角	C1	C1	C1	C1	C1.5
O形圈	AS568-017	AS568-020	AS568-120	P31.5	P39

訂購標示法 ORDERING INDICATION

示例：CTC-K024AL

CTC-K	系列 Series	CTC-K	
024	024/030/036/045/055		
A	類型 TYPE	分為A、R兩種	It can be divided into A and R
L	行程 STROKE	(具体行程見尺寸表)	Please refer to the dimension table for the detailed stroke



規格參數表 SPECIFICATION

型號	理論夾持力 (250 kgf/cm ²)	總行程	推出容積	推出受壓面積	使用溫度範圍	使用流體
MODEL	CLAMPING FORCE AT 250kgf/cm ² (kgf)	TOTAL STROKE(mm)	CYLINDER CAPACITY CLAMP(cm ³)	EFFPISTON AREA CLAMP(cm ²)	RANGE OF TEMPERATURE(°C)	USABLE FLUID
CTC-K024	388	S:8/M:12/L:20	1.2/1.8/3.1	1.5	0~+70°C	相當於ISO黏度等級的ISO-VG-32一般液壓油General Hydraulic Oil Equivalent to ISO-VG-32
CTC-K030	643	S:8/M:12/L:20	2/3.1/5.5	2.5	0~+70°C	
CTC-K036	990	S:10/M:16/L:25	3.9/6.3/9.9	3.9	0~+70°C	
CTC-K045	1775	S:10/M:16/L:25	7.1/11.3/17.7	7.1	0~+70°C	
CTC-K055	2479	S:12/M:20/L:32	11.9/19.8/31.7	9.9	0~+70°C	

CTC-P

外螺紋小型油壓單動缸

CTC-P HYDRAULIC THREAD CYLINDER



產品特性

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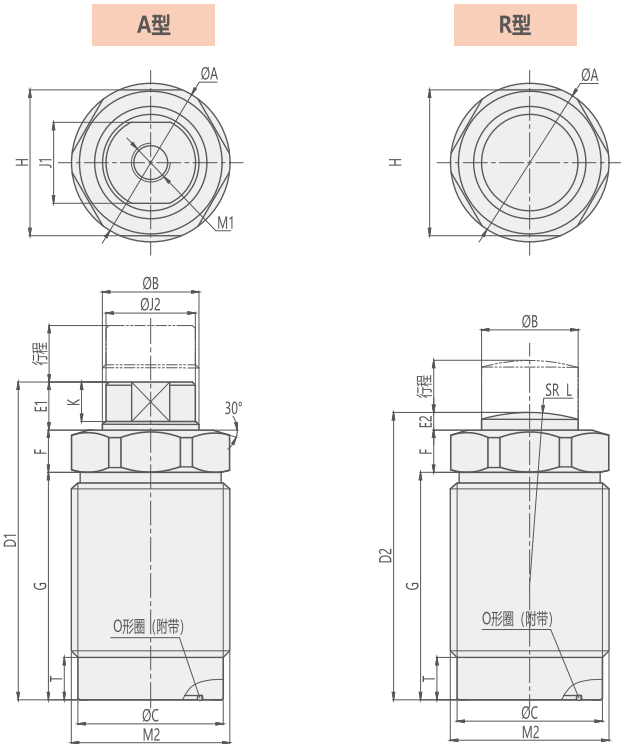
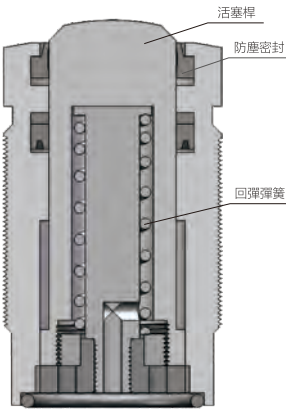
缸體底部需置放一隻鎖緊防漏墊圈。

最大操作壓力：350 kgf/cm²
最小操作壓力：20 kgf/cm²
作動方式：單動式

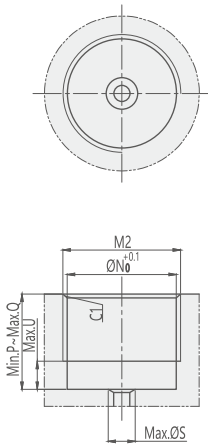
FEATURES

The Thread-body single acting hydraulic cylinder use imported oil seal and accessories to guarantee the quality . No oil leakage while clamping in high pressure for a long time.The volume of the thread-body single acting hydraulic cylinder is small. It can be utilized in a small space in the fixture.This hydraulic cylinder is used to extend out, and when spring returns, but it can't be used for pulling back. The angle degree between the cylinder and workpiece could not be larger than 10°while installing. The bottom of the cylinder barrel needs a leakage-proof gasket.

剖面圖 Sectional view



安裝部位加工尺寸



外形尺寸及安裝部位加工尺寸表
External dimensions and machine dimensions for mounting

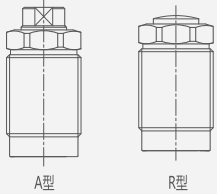
Unit:mm

MODEL	CTC-P022	CTC-P025	CTC-P030	CTC-P036	CTC-P048	CTC-P055
A	24	26	33	40	50	55
B	12	14	18	22.4	32	35.5
C	20.3	23.3	28.3	34.3	46	52.6
D1 行程	5	31	36	40.5	44.5	-
	10	41	47	51.5	54.5	67.5
	12	-	-	-	-	67
	15	51.5	58	62.5	66.5	80.5
	20	-	68	72.5	-	92
	25	-	-	87.5	-	-
D2 行程	32	-	-	-	118.5	104.5
	5	27	31	34	36.5	-
	10	37	42	45	46.5	57
	12	-	-	-	-	56
	15	47.5	53	56	58.5	70
	20	-	63	66	-	81.5
E1	25	-	-	79.5	-	-
	32	-	-	-	108	93.5
E1	7	8.5	10	12	16	17.5
E2	3	3.5	3.5	4	5.5	6.5
F	8	9	10.5	12.5	14	15
M1	M6X1深6	M6X1深11	M8X1.25深13	M8X1.25深13	M12X1.75深18	M12X1.75深18
M2	M22X1.5	M25X1.5	M30X1.5	M36X1.5	M48X1.5	M55X2.0
G 行程	5	16	18.5	20	20	-
	10	26	29.5	31	30	37.5
	12	-	-	-	-	34.5
	15	36.5	40.5	42	42	50.5
	20	-	50.5	52	-	62
	25	-	-	63	-	-
H	32	-	-	-	88.5	72
H	22	24	30	36	46	50
J1	10	12	14	19	27	30
J2	11	13	17	21.4	30	32.5
K	5.5	6.5	7.5	9.5	12.5	13.5
L	20	25	32	40	50	60
N	20.5	23.5	28.5	34.5	46.5	53
P	13	14	15	17	20	24
Q 行程	5	15.5	18	19.5	19.5	-
	10	25.5	29	30.5	29.5	37
	12	-	-	-	-	35.5
	15	36	40	41.5	41.5	50
	20	-	50	51.5	-	61.5
	25	-	-	62.5	-	-
S	32	-	-	-	88	71
S	8	10	14	19	26	34
T	7	7	7	7	7	10
U	6	6	6	6	6	9
O形圈	AS568-015	AS568-016	AS568-019	AS568-022	AS568-126	AS568-129

訂購標示法 ORDERING INDICATION

示例：CTC-P022A-10

CTC-P	系列 Series	CTC-P	
022	022/025/030/036/048/055		
A	類型 TYPE	分為A型/R型兩種	It can be divided into A and R
10	行程 STROKE	(具体行程見尺寸表)	Please refer to the dimension table for the detailed stroke



CTC-PD

外螺紋小型油壓單動拉缸

CTC-PD HYDRAULIC THREAD PULL CYLINDER



產品特性

外螺紋小型單動缸採用進口油封及零件，確保品質，使用時漏油量少，高壓夾持中保持長時間不漏油。外螺紋式小型單動缸體積小，使用於夾具上，能在小空間內排列使用。

此型式油缸使用於拉式場合，彈簧頂出，無法用於頂出場合。安裝時儘可能垂直於工作面，傾斜勿超過10°。

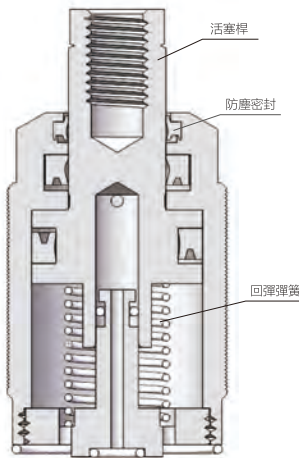
缸體底部需置放一隻鎖緊防漏墊圈。

FEATURES

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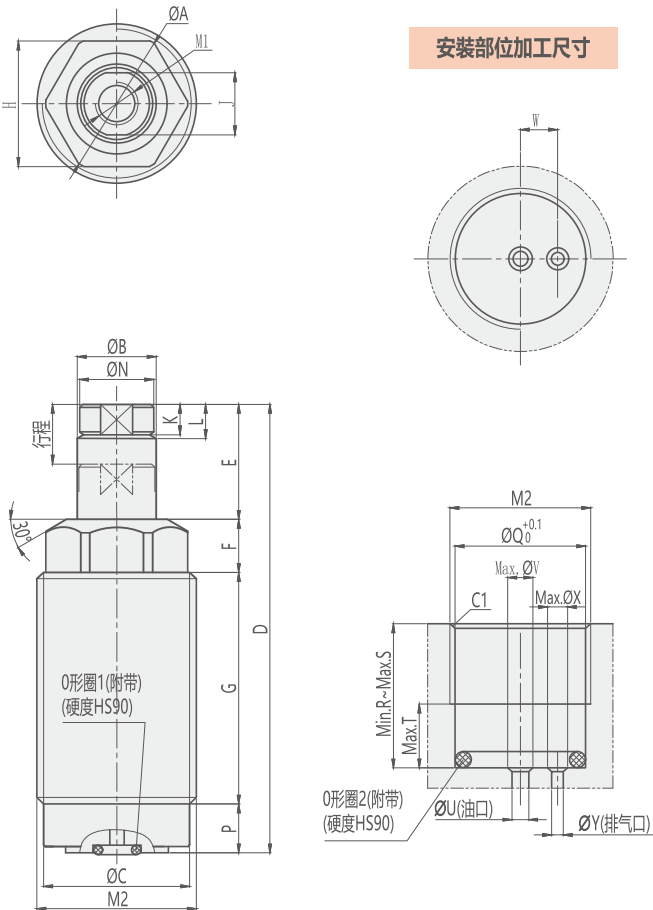
The angle degree between the cylinder and workpiece could not be larger than 10°while installing. The bottom of the cylinder barrel needs a leakage-proof gasket.

剖面圖 Sectional view



最大操作壓力：350 kgf/cm²
最小操作壓力：20 kgf/cm²
作動方式：單動式

Max. operating pressure: 350 kgf/cm²
Min. operating pressure: 20 kgf/cm²
Single acting



安裝部位加工尺寸

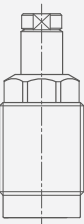
外形尺寸及安裝部位加工尺寸表
External dimensions and machine dimensions for mounting
Unit:mm

MODEL	CTC-PD022	CTC-PD025	CTC-PD030	CTC-PD036	CTC-PD048	CTC-PD058
A	19	21.5	27	33	45	55
B	10	10	12	16	20	25
C	20.3	23.3	28.3	34.3	46.3	56.3
D 行程	5	51	51	-	-	-
	10	65	65	69	73	80
	20	-	-	96	101	109
E 行程	5	10	10	-	-	-
	10	15	15	16	17	19
	20	-	-	26	27	29
F	7.5	8	9.5	11.5	13.5	16.5
G 行程	5	27	26.5	-	-	-
	10	36	35.5	35.5	35.5	38
	20	-	-	52.5	53.5	54.5
H	17	19	24	30	41	50
J	8	8	10	14	17	22
K	4.5	4.5	5.5	6.5	8.5	10
L	5	5	6	7	9	10.5
M1	M6X1深11	M6X1深11	M8X1.25深18	M10X1.5深20	M12X1.75深22	M16X2深27
M2	M22X1.5	M25X1.5	M30X1.5	M36X1.5	M48X1.5	M58X1.5
N	9.5	9.5	11.5	15.5	19.5	24.5
P	6.5	6.5	8	9	12	13
Q	20.5	23.5	28.5	34.5	46.5	56.5
R	13	14	15	17	20	20
S 行程	5	32.5	32	-	-	-
	10	41.5	41	42.5	43.5	46.5
	20	-	-	59.5	61.5	65.5
T	5.5	5.5	7	8	11	12
U	3	3	3	4	6	6
V	5	5	5	5	7	7
W	7	7.5	9.5	12	15	18
X	4	4	4	4	4	4
Y	3	3	3	3	3	3
O形圈1	P6	P6	P6	P6	P8	P8
O形圈2	AS568-017	AS568-019	AS568-022	AS568-026	AS568-031	AS568-034

訂購標示法 ORDERING INDICATION

示例：CTC-PD022-10

CTC-PD	系列 Series	CTC-PD
022	022/025/030/036/048/058	
10	行程 STROKE	(具体行程见尺寸表) Please refer to the dimension table for the detailed stroke



規格參數表 SPECIFICATION

型號	理論夾持力 (350 kgf/cm ²)	油缸內徑	總行程	拉入容積	拉入受壓面積	使用溫度範圍	使用流體
MODEL	CLAMPING FORCE AT 350kgf/cm ² (kgf)	HYDRAULIC CYLINDER INSIDE DIAMETER(mm)	TOTAL STROKE(mm)	OIL CAPACITY CLAMP(cm ³)	EFFPISTON AREA CLAMP(cm ²)	RANGE OF TEMPERATURE(°C)	USABLE FLUID
CTC-PD022	296	16	5/10	0.5/0.9	0.84	0~+70°C	相當於ISO黏度等級的ISO-VG-32一般液壓油General Hydraulic Oil Equivalent to ISO-VG-32
CTC-PD025	489	18	5/10	0.7/1.4	1.37	0~+70°C	
CTC-PD030	806	22	10/20	2.3/4.6	2.29	0~+70°C	
CTC-PD036	1326	28	10/20	3.8/7.5	3.76	0~+70°C	
CTC-PD048	2265	36	10/20	6.4/12.8	6.40	0~+70°C	
CTC-PD058	3918	46	10/20	11.1/22.2	11.07	0~+70°C	