

產品特性

獨特的連杆機構，可將液壓缸活塞的直線運動轉成夾緊的旋轉運動，進而達到無障礙裝夾。
 缸體採用鋁合金材質，表面硬膜處理，內壁表面光滑，使用壽命長，適合用於自動化設備夾具或超大型夾具。
 採用專用防塵設計，能防止高壓冷卻液滲入，實現高密封性。
 使用高效能耐腐蝕防護材料，即使長期使用冷卻液，亦無損其耐用度及密封度。
 另備有多種選擇性配備，絕對符合您的需求。特殊規格，亦可為您量身訂作。
 結構緊密鎖緊力強，杠杆支點部位與本體一體化特殊設計，整體之強度及耐用度大幅提升。

Introduction

The unique connecting rod mechanism can turn the linear motion of the hydraulic cylinder piston into a clamping rotary motion, thereby achieving the barrier free clamping. The cylinder body adopts aluminum alloy material, the surface is processed by dura mater, the surface of the inner wall is smooth, and the service life is long. Using special dustproof design, can prevent high pressure cooling liquid infiltration, to achieve high sealing. The use of efficient corrosion protection material, even if the long-term use of cooling liquid, but also its durability and nondestructive seal. Also equipped with a variety of selective equipment, absolutely meet your needs. Special specifications, can be tailored for you. Structural tight locking force, lever fulcrum and body integration of special design, the overall strength and durability increased significantly.



缸體材料

Cylinder material

缸體採用鋁合金材質，表面硬膜處理，內壁表面光滑，使用壽命長，適合用於自動化設備夾具或超大型夾具。

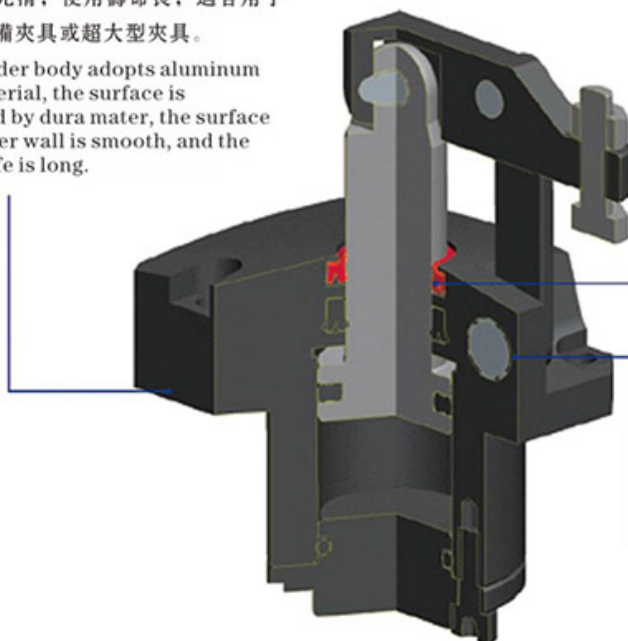
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密封耐腐蝕材料

Sealed corrosion resistant material

使用高效能耐腐蝕防護材料，即使長期使用冷卻液，亦無損其耐用度及密封度。

The use of efficient corrosion protection material, even if the long-term use of cooling liquid, but also its durability and nondestructive seal.



一體化設計

Sealed corrosion resistant material

結構緊密鎖緊力強，杠杆支點部位與本體一體化鍛造，提升最高強度。

The utility model has the advantages of compact structure, strong locking force, lever fulcrum and body integrated forging to enhance the maximum strength.

訂購範例



① 系列

Series of

HU: 低壓系列

使用壓力20~70kg/cm²以內油壓缸系列For cylinder with operating under 20~70kg/cm²

② 產品

Products

K: 杠杆缸 Lever cylinder

③ 作動方式

Action Mode

V: 單動 Single-action

W: 復動 Double-action

④⑤ 缸徑

Cylinder Diameter

φ25、φ32、φ40、φ50、φ63

⑥ 設計碼

Design Number

0~9

⑦ 缸體材質

Cylinder Material

A: 鋁合金 Aluminum Alloy

⑧ 安裝方式

Assembly Mode

U: 上安裝 Top Flange Mounting

D: 下安裝 Base Flange Mounting

⑨ 壓臂方式

Option Model

S: 單臂 Side Lever Type

P: 特殊 Selectable Type

⑫ 壓臂方向

Option Direction

L: 左 Left

C: 中 Middle

R: 右 Right

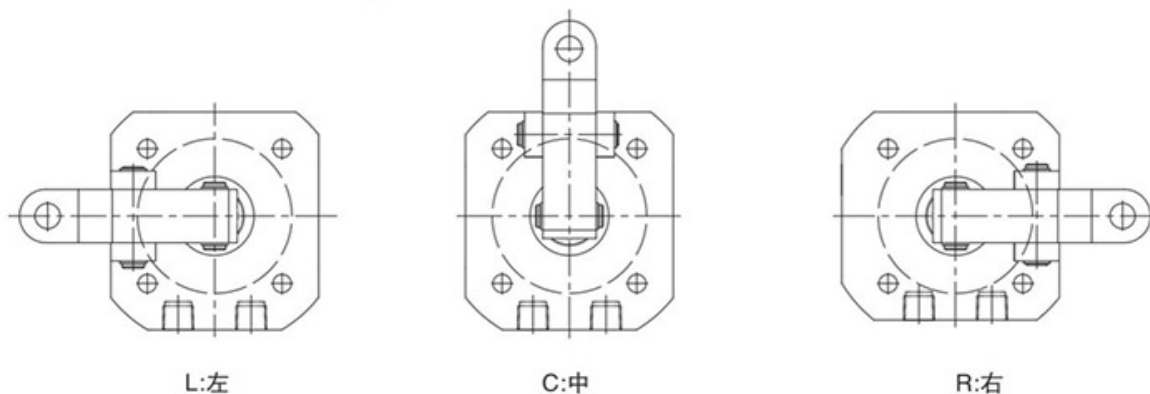
⑬ 連接方式

Piping Method

G: 板式 (帶有G螺紋堵頭) Gasket Type

S: 配管 (RC螺紋) Pipe Type

壓臂方向圖 Pressure arm pattern



型號規格

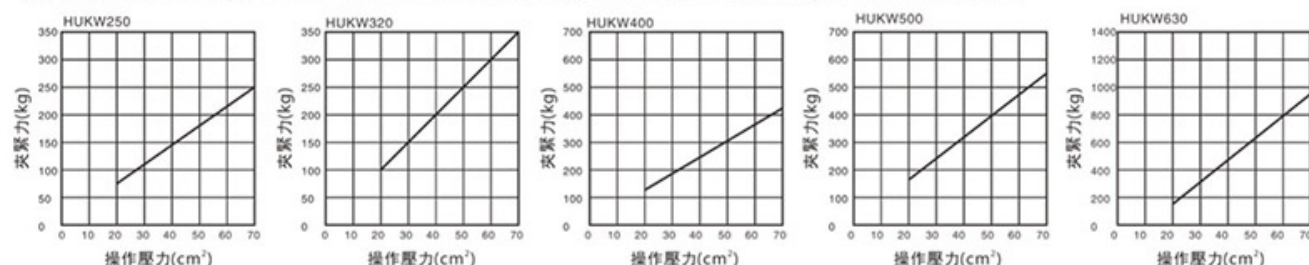
型號		HUKV/W250		HUKV/W320		HUKV/W400		HUKV/W500		HUKV/W630	
使用壓力		Max. 70kg/cm ²									
操作壓力		20~45kg/cm ²									
油缸面積(cm ²)		4.90		8.04		12.56		19.63		31.17	
作動行程(mm)	余量	20	3	23	3	25	3	30	3	35	3
	直線		17		20		22		27		32
活塞杆徑(mm)		φ 16		φ 16		φ 16		φ 20		φ 20	
活塞缸徑(mm)		φ 25		φ 32		φ 40		φ 50		φ 63	

注意事項

(1) 使用壓力70kg/cm²為最大極限壓力，請以操作壓力參考使用。

Matters needing attention

(1) use pressure 70kg/cm² for maximum limit pressure, please refer to operating pressure reference.



注意事項

(1) 該能力曲線表示夾緊力與操作壓力之間的關係。

(2) 能力曲線下的參考壓力，會因摩擦力或壓力關係有些許誤差，取用參考夾緊力80%做建議值。

(3) 此曲線圖為標準壓板的示意圖。

Matters needing attention

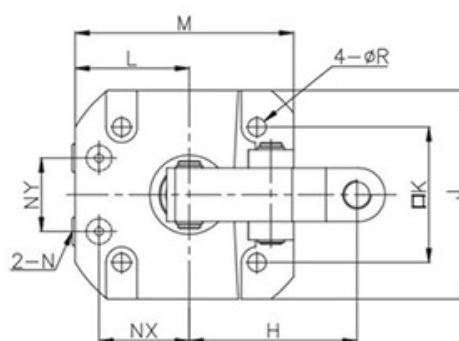
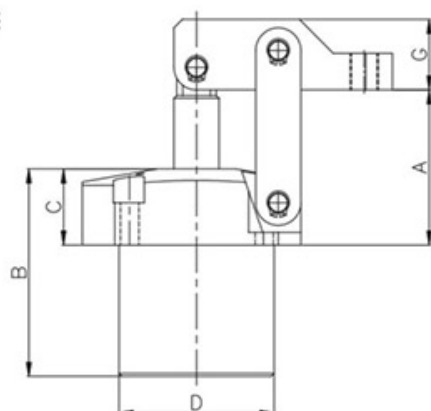
(1) The capability curve indicates the relationship between clamping force and operating pressure.

(2) The reference pressure under the capacity curve will have a slight error due to the friction or pressure relationship, and take the reference clamping force 80% as the recommended value.

(3) This diagram is a schematic diagram of standard pressure plate.

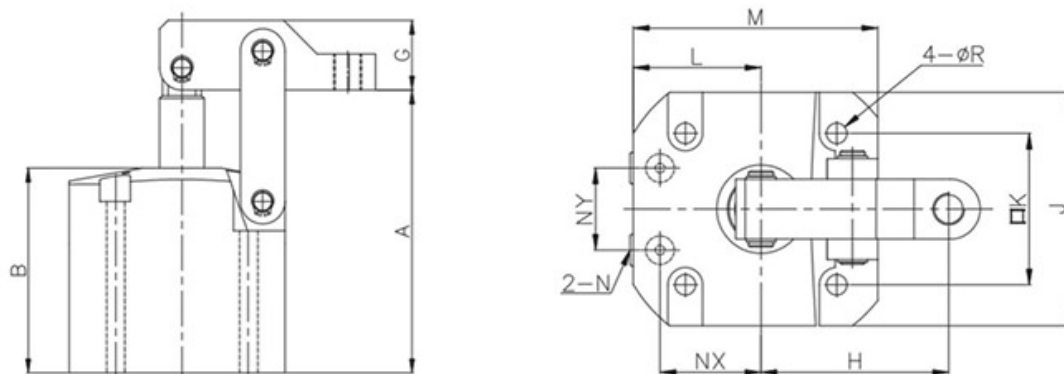
外形尺寸

上安裝



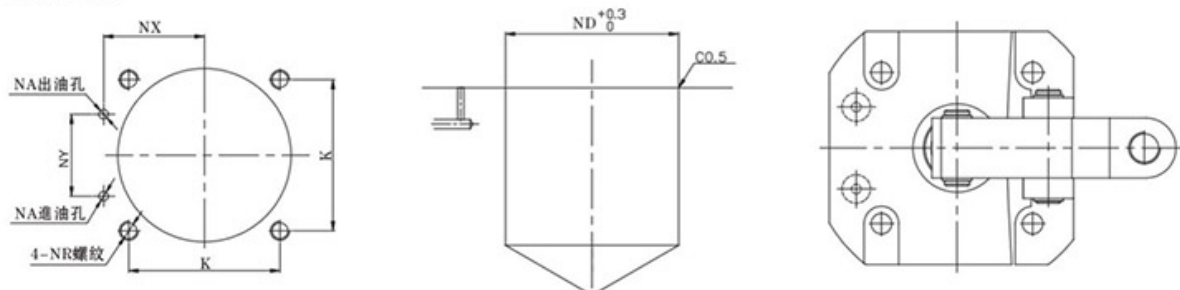
外形尺寸

下安裝



型號		HUKV/W250	HUKV/W320	HUKV/W400	HUKV/W500	HUKV/W630
A	上安裝	47.6	49.1	55	62.1	70.1
	下安裝	89.4	93.2	101.7	112	128.9
B		59.5	69.1	73.5	79.7	93.7
C		25	25	27	30	35
D		φ40	φ50	φ55	φ65	φ85
G		16	20	25	32	38
H		44.5	53	59.5	71	80.5
J		53	55	61	72	88
K		□40	□44	□48	□57	□70
L		34.5	38.5	40.5	44	57
M		62	73	77	85	110
N		PT1/8	PT1/8	PT1/8	PT1/8	PT1/8
R		Ø6.5	Ø6.5	Ø6.5	Ø9	Ø9
NA		Ø2.5	Ø2.5	Ø2.5	Ø2.5	Ø2.5
ND		Ø40	Ø50	Ø55	Ø65	Ø85
NR		M6	M6	M6	M8	M8
NX		26	30	32	35.5	48.5
NY		22	25	26	28	38

安裝部加工尺寸



注意事項

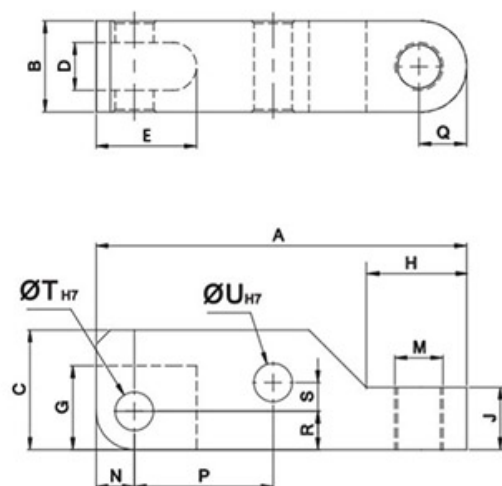
(1) 請根據安裝高度並參考C尺寸決定安裝螺栓深度。

Matters needing attention

(1) depending on the installation height and reference C size determine the installation bolt depth.

配件與注意事項

標準壓板



型號	HUKV/W250	HUKV/W320	HUKV/W400	HUKV/W500	HUKV/W630
A	56.5	67	77.5	91	105.5
B	12	16	19	22	25
C	16	20	25	32	38
D	6	8	10	11	13
E	16	16.5	21	25.5	30.5
G	14	15	17.5	22	26
H	13	17	21	21	29
J	8	10	13	16	22
M	M6	M8	M10	M12	M16
N	5.5	6	8	10	11
P	21	24.5	27.5	32.5	39
Q	6	8	10	10	14
R	5.2	6	8	10	11
S	3.5	6	6	9.5	13
T	φ6	φ6	φ8	φ10	φ12
U	φ6	φ8	φ10	φ12	φ15

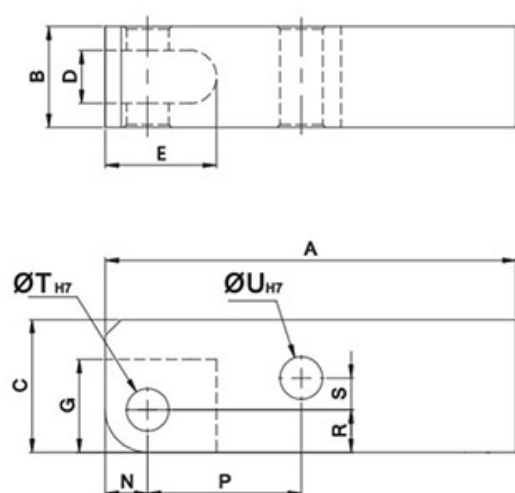
注意事項

- (1) 材質：S45C (表面染黑)。
- (2) 切勿施予活塞杆軸向以外的作用力，否則將會使活塞杆產生極大的彎曲應力，必須絕對禁止。

Matters needing attention

- (1) material: S45C (surface dyed black).
- (2) do not give the piston rod outside the axial force, otherwise it will make the piston rod produce great bending stress, must be absolutely prohibited.

自由長壓板



型號	HUKV/W250	HUKV/W320	HUKV/W400	HUKV/W500	HUKV/W630
A	70	85	100	115	130
B	12	16	19	22	25
C	16	20	25	32	38
D	6	8	10	11	13
E	16	16.5	21	25.5	30.5
G	14	15	17.5	22	26
N	5.5	6	8	10	11
P	21	24.5	27.5	32.5	39
R	5.2	6	8	10	11
S	3.5	6	6	9.5	13
T	φ6	φ6	φ8	φ10	φ12
U	φ6	φ8	φ10	φ12	φ15

注意事項

- (1) 材質：S45C (表面染黑)。
- (2) 切勿施予活塞杆軸向以外的作用力，否則將會使活塞杆產生極大的彎曲應力，必須絕對禁止。

Matters needing attention

- (1) material: S45C (surface dyed black).
- (2) do not give the piston rod outside the axial force, otherwise it will make the piston rod produce great bending stress, must be absolutely prohibited.