



Hydraulic work support Piping mounting and manifold mounting

WS series

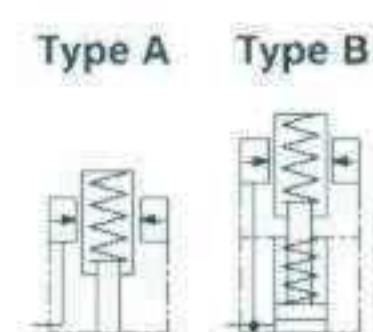


產品說明:

- 套筒原理設計,在加工時提供高的支撐力道.
- 管接式與油路板式一體設計.

A型: 彈簧頂出型,頂杆伸出于最高頂出位置,工件接觸頂杆時由彈簧控制接觸力量,油壓操作充油將心軸鎖緊,而產生支撐力。

B型: 油壓頂出型,頂杆位于最低位置,由油壓操作充油時頂出,并以彈簧控制接觸工件力量,油壓持續加壓將心軸鎖緊而產生支撐力



Applicaton

- Sleeve design can produce large supporting force for high oil pressure.
- Piping mounting and manifold mounting in one cylinder body.
- A Type: A spring ejecting type. The supporting bar is located at the highest position, The spring controls contact force when the workpiece is contacting the supporting bar. The hydraulic power actuates oil feeding for tightening the shaft, producing a supporting force.
- B Type: A hydraulic ejecting type. The supporting bar is located at the lowest position. The hydraulic power actuates oil feeding for ejecting. The spring controls contact force against the workpiece. The hydraulic power then tighten the shaft to produce a supporting force.

訂購範例: Ordering Example

WS

-16

Piston dia.

16

25

30

38

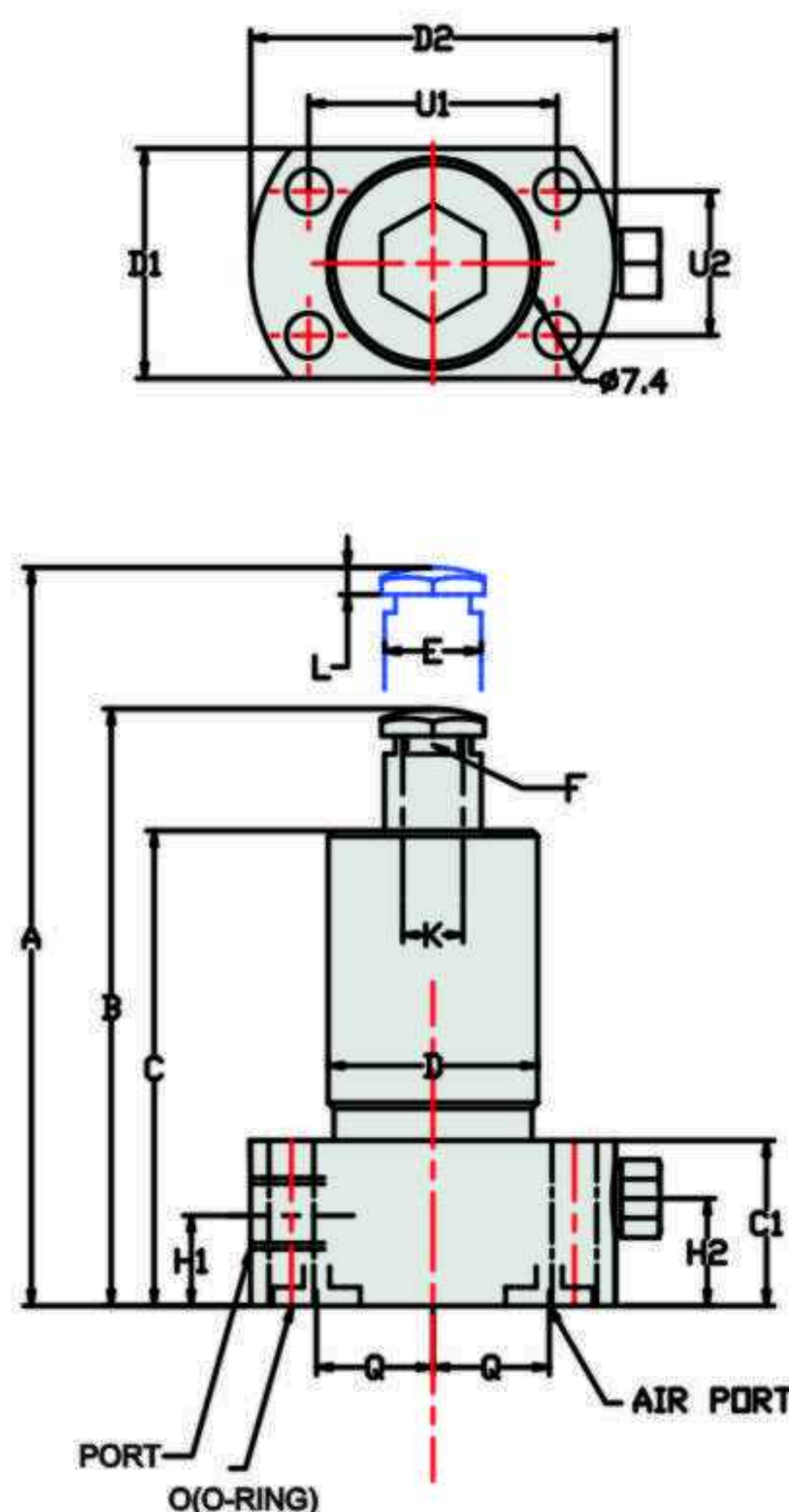
-A

Advance type

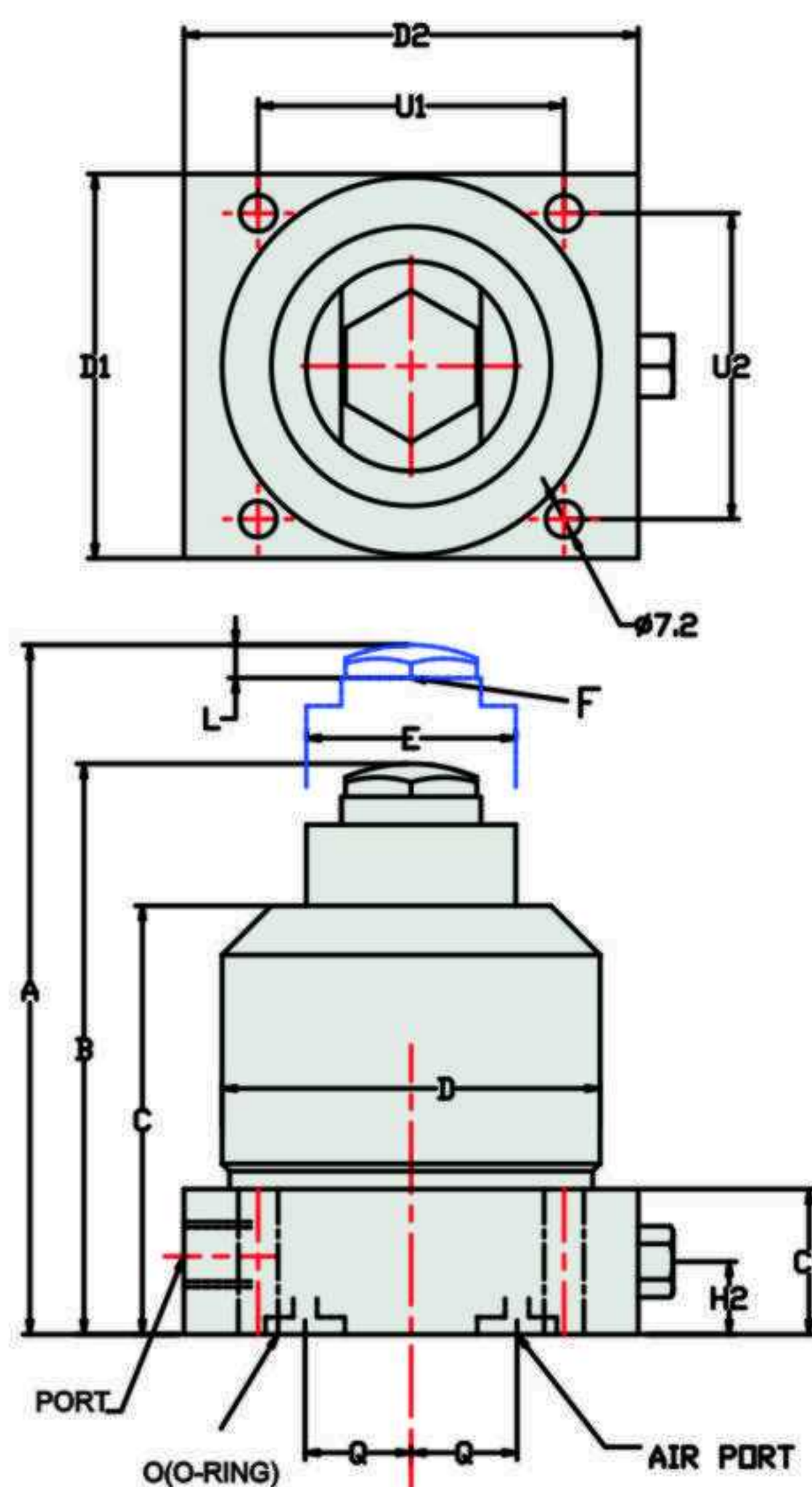
A: Spring advance 彈簧頂出型

B: hydraulic advance 油壓頂出型

WS-16A WS-16B



WS-25B WS-38A/WS-38B



Specifications

Model 型號	WS-16A	WS-16B	WS-25B	WS-38A	WS-38B
Supporting Force 支撐力 200kg/cm ² (kg)	550	550	800	1200	1200
Plunger Stroke行程 (mm)	9.7	9.7	10.4	10.4	10.4
Cylinder volume 油容積(cm ³)	0.98	0.98	2.8	3.11	3.11
Max. operating pressure	最大使用壓力 350kg/cm ²				
Min. operating pressure	最低使用壓力 50kg/cm ²				
Normal pressure	正常使用壓力 210kg/cm ²				
Operating Temperature	工作溫度 0-70c ⁰				
Weight 重量 kg	0.6	0.74	1.5	2.2	2.43

Dimensional Table

	WS-16A	WS-16B	WS-25B	WS-38A	WS-38B
A	85.1	99.3	102.1	96.5	102.1
B	75.4	89.7	91.7	86.1	91.7
C	64.5	78.7	77.5	74.9	78.0
C1	23.9	27.4	26.5	24.9	26.4
D	M35X1.5	M35X1.5	M50X1.5	M68X1.5	M68X1.5
D1	38.1	38.1	64.0	69.9	69.9
D2	60.5	60.5	64.0	82.6	82.6
E	16.0	16.0	25.0	39.0	38.0
F	13	13	22	27	27
H1	11.2	14.2	14	12.2	13.7
H2	7.6	17.8	17.5	10.2	13.2
K	M10X1.5	M10X1.5	M16 X2.0	M20X2.5	M20X2.5
L	4.6	4.6	6	6.1	6.1
Q	14.5	14.5	24.5	27.4	27.4
U1	41.1	41.1	50	55.4	55.4
U2	23.9	23.9	50	55.4	55.4
O (O-RING)	P7	P7	P7	P10A	P10A
Port	G 1/8	G 1/8	G 1/8	G 1/4	G 1/4