



Block Pneumatic Swing Clamping Cylinder

PSB series

最大使用壓力 Max:7kg/cm²

產品說明：

- 向左或向右旋轉後垂直下壓達到夾持目的
- 為拉缸型態,可選購角度0,45,60,90度
- 缸體為高級鋁合金材質,硬化處理
- 壓板加長時,G值勿超過原有規格1.5倍
- 入氣口請加裝流量控制閥,控制轉角速度,避免慣性撞擊
- 下壓夾持時,應于垂直行程內夾緊工件
- 內附磁性環,可使用近接開關於外部做感應
- 每次上下工件時,務必以氣槍清潔活塞杆處油封上的鐵屑異物,避免下次使用時異物嵌入油封

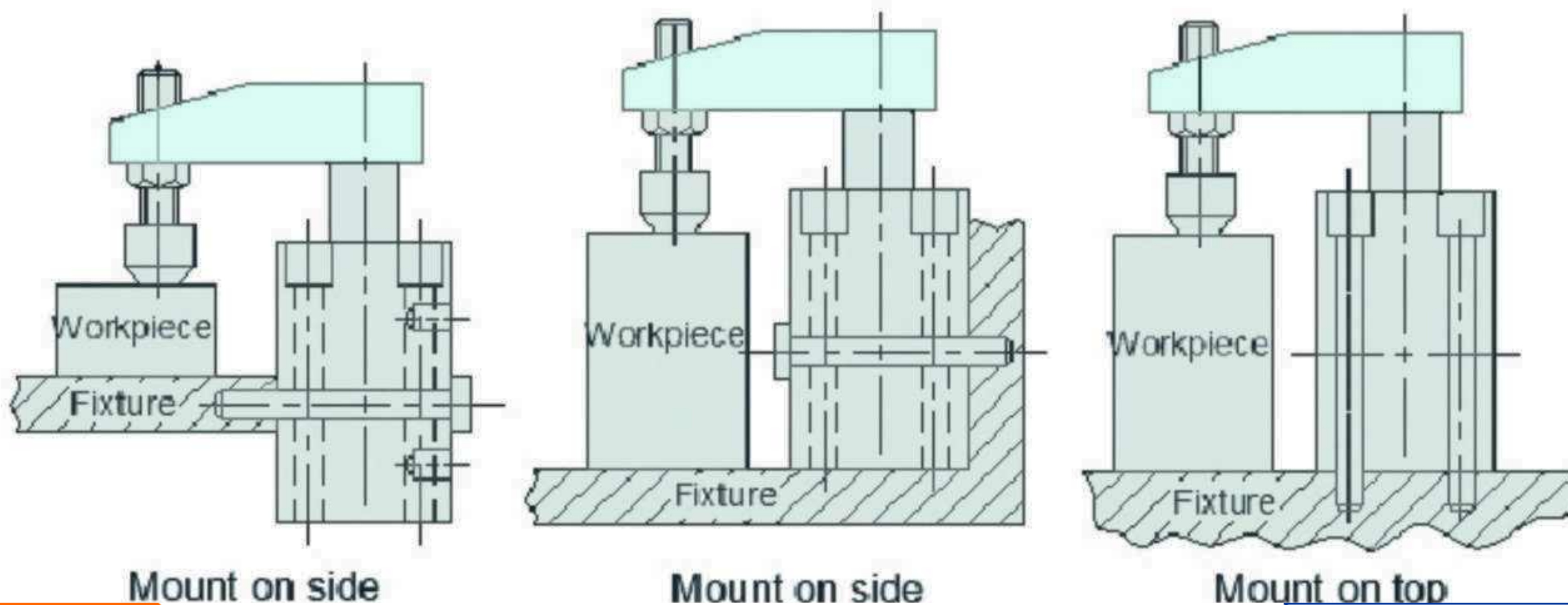
Application

- During clamp retraction,the piston rod rotates,causing the clamping arm to swing in either a clockwise or counterclockwise direction,Clamping then takes place as the rod continues to retract in a straight line,pulling the arm against the workpiece.
- Pull cylinder type.Available models offer angles of rotation of 0° ,45° ,60° or 90° .
- The main body is made of aluminum alloy,and the surface is processed with hard membrane.
- When it is necessary to change the length of the clamping arm,it should be noted that do not exceed 1.5 times of the original G value in order to avoid the serious slanting of the piston rod.
- Suggested to add a flow control vale to the pneumatic inlet to control the motion of the swing angle in order to prevent the inertial impacton.
- A workpiece should not be clamped within a swing stroke,and it should be clamped within the vertical downward clamping stroke.
- Attached magnetic piston ring to act on sensor switch outside the cylinder body for position sensing.
- Whenever placing and taking off a workpiece,it is necessary to use an air gun to clean the piston and the seal for removing the iron slag or foreisner objects attached thereon in order to prevent the foreigner objects form entering the seal to cause oil leakage.

訂購範例：Ordering Example

PS	B	L	—	40	X	90°	-	S1
機種 model bore stroke	方塊型 box type	旋轉方向 swivel dir.		活塞尺寸 bore dia size		角度 Angle		感應器數量 sensor sw.
		L:Left 左轉		25		90°		S1:1個
				32				S2:2個
		R:Right 右轉		40				空白:不要
				50				
				63				

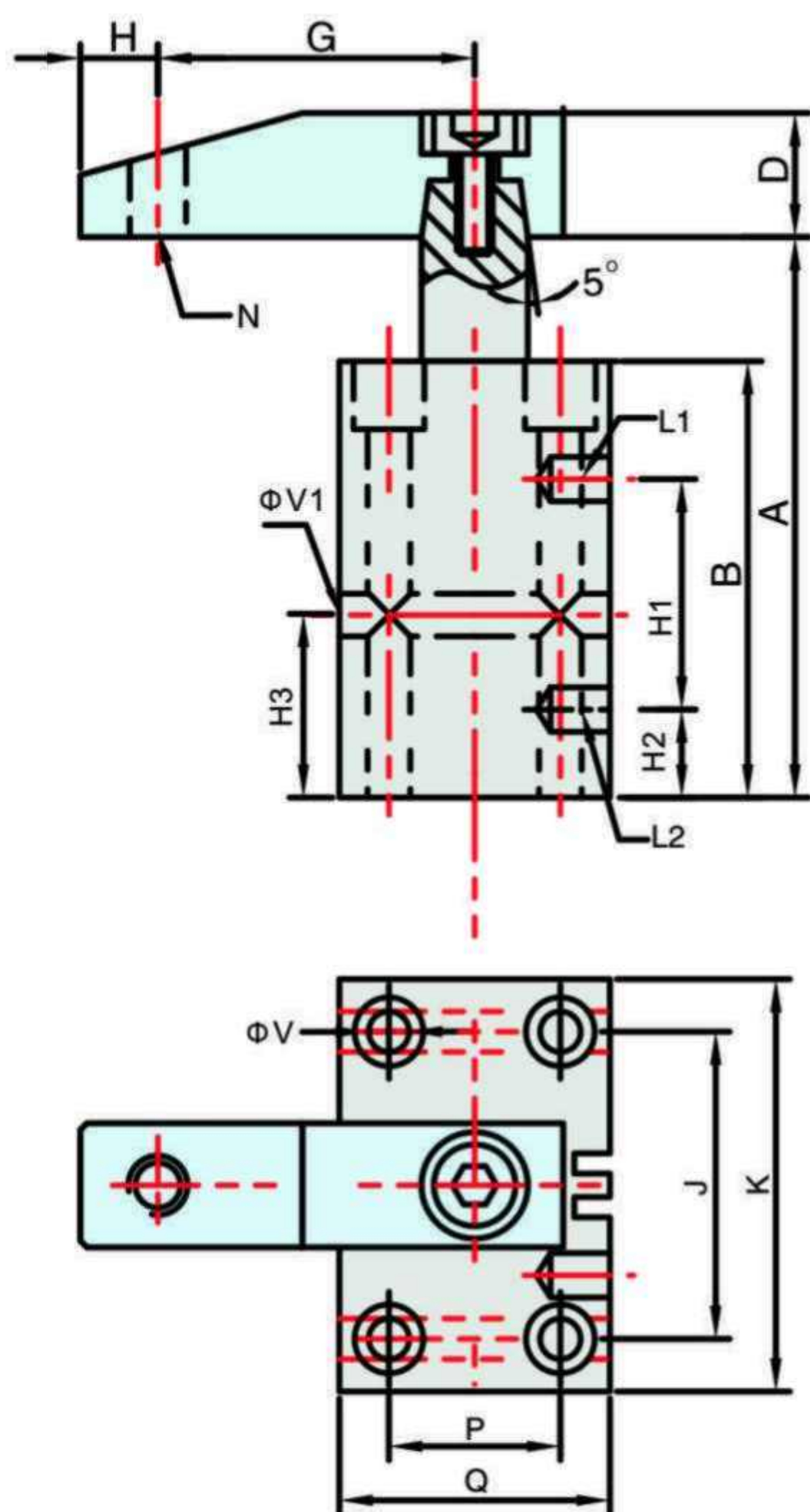
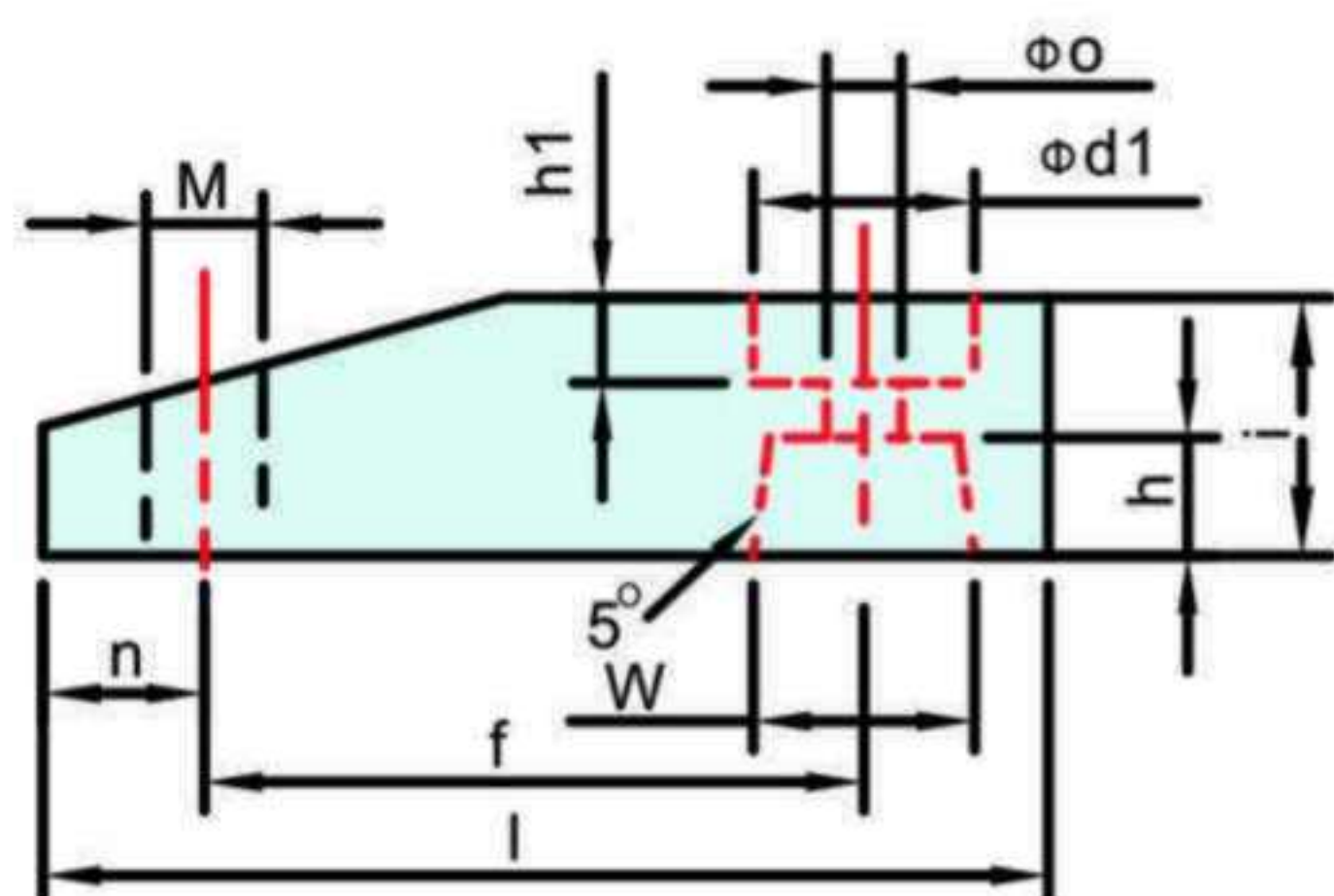
安裝型式：Instalment Type



Mount on side

Mount on side

Mount on top


壓板尺寸圖：


規格機種 model bore stroke	PSB-25	PSB-32	PSB-40	PSB-50	PSB-63
最大使用壓力 max. pressure	7 kg/cm ²				
一般使用壓力 normal pressure	4-6 kg/cm ²				
缸體運行方式 acting type	複動 double acting				
轉角度數 swivel angle	90°±2°				
轉角行程 swivel stroke	13	16	15	17	15
夾緊行程 clamping stroke	14	14	15	15	15
活塞直徑 bore dia.	25	32	40	50	63
活塞桿徑 piston rod dia.	14	16	16	20	20
理論夾力 (5kg/cm ²)	16(kg)	30(kg)	50(kg)	85(kg)	140(kg)
A放鬆狀態 unclamp	109	126	126	137	137
B	78	90	90	100	100
D	16x16	19x19	19x19	25x25	25x25
G	50	60	70	80	90
H	6	9	9	10	10
H1	34.5	51.5	50.5	53.5	52
H2	21	21	22	25	28
H3	32	43	40	45	36
J	40	45	52	66	80
K	55	60	70	85	100
L1(夾緊clamp) L2(放鬆unclamp)	M5x0.8	G1/8	G1/8	G1/8	G1/8
N	M6x1	M8x1.25	M8x1.25	M12x1.75	M12x1.75
P	20	30	37	46	60
Q	35	45	55	65	80
V	ø6.5	ø6.5	ø8.5	ø8.5	ø10.5
V1	ø8.5	ø8.5	ø8.5	ø8.5	ø10.5
d1	14	14	14	17	17
f	50	60	70	80	90
h	6	9	9	12	12
h1	6	7	7	9	9
i	16	19	19	25	25
l	66	80	90	105	115
M	M6	M8	M8	M12	M12
n	6	9	9	10	10
o	9	9	9	11	11
w	14	16	16	20	20
Weight 重量(Kg)	0.9	0.9	1.1	1.2	1.4

unit 單位: mm