

Jig Pneumatic Swing Clamping Cylinder

PNS series

最大使用壓力 Max: 7kg/cm²

產品說明：

- 薄型氣缸本體設計使用于位置較高的加工件
- 標準轉角缸結構設計,使用壽命高于市面上的薄型氣缸改裝結構
- 相同直徑的缸提供兩種行程選擇
- 四種活塞直徑: 25, 32, 40, 50
- 內附磁性環,可使用近接開關於外部做感應
- 複動作動形式
- 焊接專用型

Application

- Compact cylinder body design is ideal for clamping high profile workpieces.
- Standard swing clamping cylinder structure design provides a longer service life than structures adapted from compact cylinders available in the market.
- All cylinder sizes are available both in short clamping stroke and long clamping stroke.
- Available in four bore diameters: ϕ 25, ϕ 32, ϕ 40, ϕ 50.
- Attached magnetic piston ring to act on sensor switch outside the cylinder body for position sensing.
- Double-acting cylinder.
- Ideal for work holding applications in welding environments.

材質說明：

- 本體及壓板使用高級鋁合金,及表面硬化處理
- 活塞及桿採用鋼材電鍍研磨

Material

- The main body and arm are made of aluminum alloy, and the surface is hard membrane treated.

訂購範例：Ordering Example:

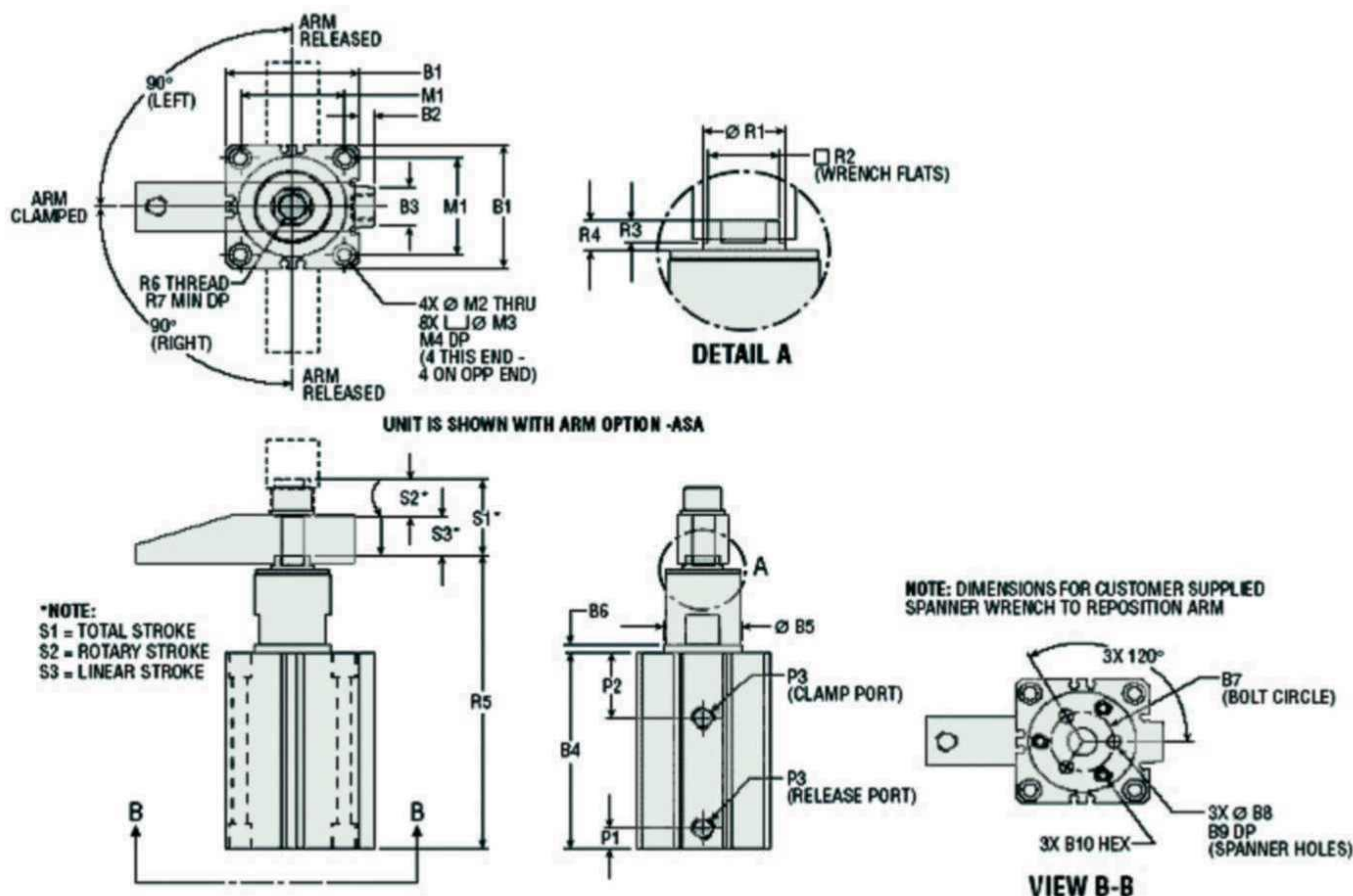
PNS	—	25X10	R	—	S1
機種 model bore stroke		活塞 ϕ x行程 bore dia st.	旋轉方向 swivel dir.		感應器數量 sensor sw.
		25X10 32 20 40 50 50	R: Right L: Left		S1:1個 S2:2個 空白: 不要

特性資料：

規格型號 Model	PNS25X10	PNS25X20	PNS32X10	PNS32X20	PNS40X10	PNS40X20	PNS50X20	PNS50X50
活塞 bore dia	25	25	32	32	40	40	50	50
旋轉行程 swivel st.	9.5	9.5	15	15	15	15	19	19
夾緊行程 clamping st.	10	20	10	20	10	20	20	50
理論夾力 at 87psi (6 bar)	Lb	45	45	73	73	143	143	223
	N	200	200	325	325	636	636	992
使用流體	已過濾的壓縮空氣 filtered air							
轉角度數	90°±3°							
作動形式	複動 double acting							
weight 重量 kg	Lb	0.83	0.92	1.54	1.69	1.87	2.02	3.48
	g	380	420	700	770	850	920	1580

unit 單位: mm





規格型號	PNS 25X10	PNS 25X20	PNS 32X10	PNS 32X20	PNS 40X10	PNS 40X20	PNS 50X20	PNS 50X50
B1	40.0	40.0	45.0	45.0	52.0	52.0	64.0	64.0
B2	5.0	5.0	4.5	4.5	5.0	5.0	7.0	7.0
B3	9.6	9.6	16.5	16.5	18.0	18.0	20.0	20.0
B4	73.0	83.0	80.0	90.0	80.0	90.0	101.5	131.5
B5 Max.	23.0	23.0	30.0	30.0	30.0	30.0	37.0	37.0
B5 Min.	22.948	22.948	29.938	29.938	29.938	29.938	36.938	36.938
B6	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.5
B7	16.0	16.0	22.0	22.0	30.5	30.5	30.5	30.5
B8	5.3	5.3	5.3	5.3	6.8	6.8	6.8	6.8
B9	6.0	6.0	8.0	8.0	6.0	6.0	6.0	6.0
B10	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0
M1	28.0	28.0	34.0	34.0	40.0	40.0	50.0	50.0
M2	5.5	5.5	5.5	5.5	5.5	5.5	6.6	6.6
M3	9.0	9.0	9.0	9.0	9.0	9.0	11.0	11.0
M4	7.0	7.0	9.0	9.0	12.0	12.0	13.0	13.0
P1	6.5	6.5	9.0	9.0	9.0	9.0	11.0	11.0
P2	27.0	27.0	34.5	34.5	34.5	34.5	39.0	39.0
P3	M5	M5	G1/8	G1/8	G1/8	G1/8	G1/4	G1/4
R1	12.0	12.0	16.0	16.0	16.0	16.0	20.0	20.0
R2 Max.	9.9	9.9	13.9	13.9	13.9	13.9	16.9	16.9
R2 Min.	9.8	9.8	13.8	13.8	13.8	13.8	16.8	16.8
R3	3.0	3.0	5.5	5.5	5.5	5.5	5.5	5.5
R4	4.0	4.0	6.5	6.5	6.5	6.5	7.5	7.5
R5	93.5	113.5	113.5	133.5	114.5	134.5	152.0	212.0
R6	M8x1.25	M8x1.25	M10x1.5	M10x1.5	M10x1.5	M10x1.5	M12x1.75	M12x1.75
R7	15.0	15.0	12.0	12.0	12.0	12.0	15.0	15.0
S1 *Min.	19.5	29.5	25.0	35.0	25.0	35.0	39.0	69.0
S2 *	9.5	9.5	15.0	15.0	15.0	15.0	19.0	19.0
S3 *	10.0	20.0	10.0	20.0	10.0	20.0	20.0	50.0

unit 單位: mm