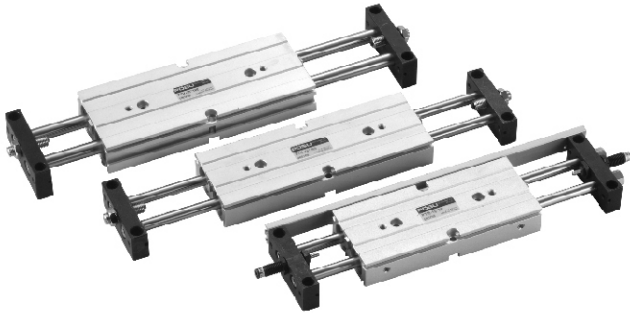


PTU(M)

系列 滑台氣壓缸

PÖSU
PNEUMATIC

series TWIN RODS WITH DOUBLE ENDS ROD AIR CYLINDERS



雙動氣缸 Double acting cylinders

PTU...	雙動雙軸端塊移動型 DOUBLE ACTING - TWIN RODS - END BLOCKS MOVABLE TYPE	
PTM...	雙動雙軸滑台移動型 DOUBLE ACTING - TWIN RODS - MIDDLE BLOCK MOVABLE TYPE	

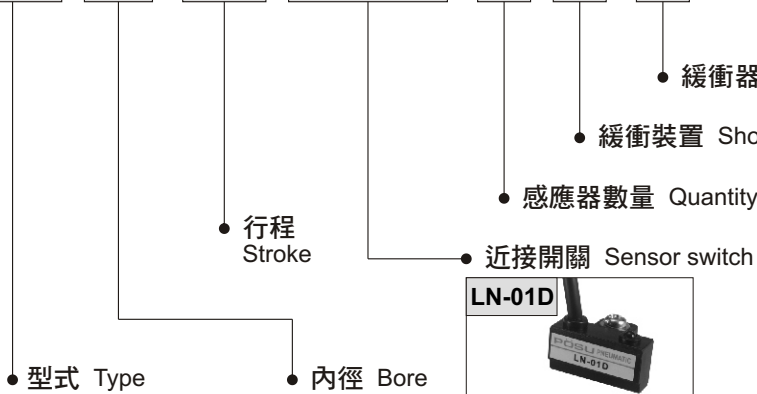
- 雙軸雙氣缸，雙倍出力。
- 雙活塞桿設計，活塞桿不回轉，定位精度高。
- 本體表面硬質陽極處理。
- 採用進口O形環及迫緊，全部內附磁石。
- Twin piston rod provides double action force.
- Non-turnable twin piston rod design makes the positioning more precisely.
- The body is under the surface hardness anodic treatment.
- Adopting imported O rings and packings. With built-in magnet for all model.

規格表 Specifications

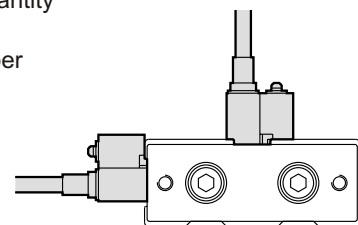
氣缸內徑 Bore sizes of cylinder (mm)	φ 10	φ 16	φ 20	φ 25	φ 32	
標準行程 Standard stroke (mm)	25,50,75,100,125,150,175,200,250					
行程範圍 The range of stroke (mm)	MAX 150	MAX 250				
使用流體 Used fluid	已濾清之壓縮空氣(潤滑或未潤滑) Filtered air with or without lubrication					
壓力範圍 Pressure range (kgf/cm ²)	1.5 ~ 9			1 ~ 9		
最大壓力 Maximum pressure (kgf/cm ²)	9.5					
使用溫度 Ambient temperature (°C)	-10 ~ 60					
行程調整範圍 Adjustable stroke (mm)	-10 ~ 0					
最大負荷 Maximum load (kgf)	PTU: 端塊移動型	0.5	1.5	2.0	2.5	3.5
	PTM: 滑台移動型	1	3	4	5	6
配管接頭口徑 Port size	M5×0.8				Rc 1/8"	
感應裝置 Sensing unit	附感應磁石 Magnet					

訂購代號 Order No.

PTU - **32** × **100** - **LN-01D** × **2** - **A** × **2**



感應器固定方式 Sensors mounting method

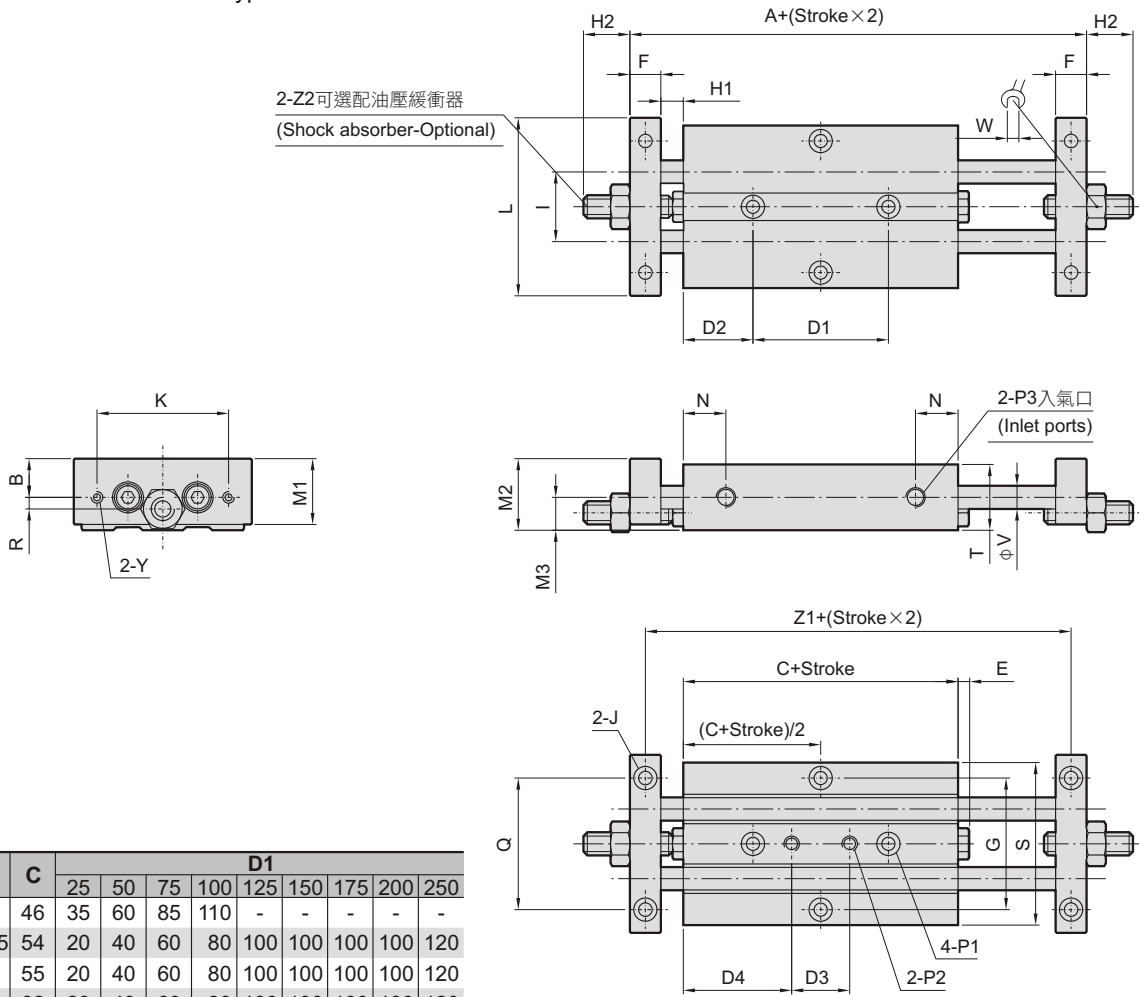


導桿氣壓

Twin Rods With Double Ends Rod Air Cylinders

尺寸圖 Dimension $\phi 10 \sim \phi 32$

PTU... 雙動雙軸端塊移動型
End blocks movable type



Bore	A	B	C	D1										
				25	50	75	100	125	150	175	200	250		
$\phi 10$	68	10	46	35	60	85	110	-	-	-	-	-	-	-
$\phi 16$	84	12.5	54	20	40	60	80	100	100	100	100	100	100	120
$\phi 20$	85	14	55	20	40	60	80	100	100	100	100	100	100	120
$\phi 25$	96	17	62	20	40	60	80	100	100	100	100	100	100	120
$\phi 32$	109	21.5	66	20	40	60	80	100	100	100	100	100	100	150

(D: 深度, Depth / Thr: 貫穿孔, Through hole)

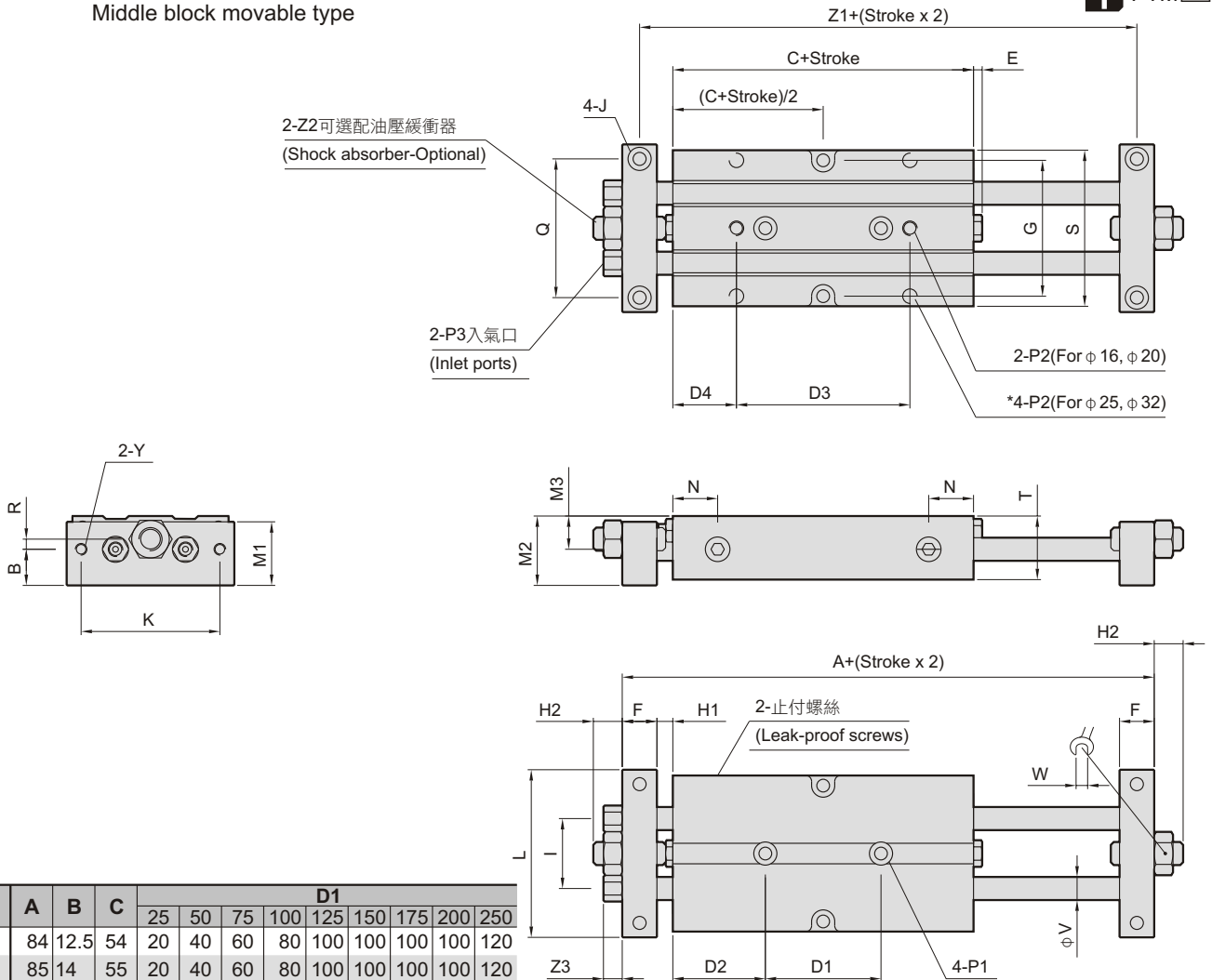
Bore	D2											D3					D4											
	25	50	75	100	125	150	175	200	250	25	50	75	100	125	150	175	200	250	25	50	75	100	125	150	175	200	250	
$\phi 10$	18	18	18	18	-	-	-	-	-	15	40	65	90	-	-	-	-	-	28	28	28	28	-	-	-	-	-	
$\phi 16$	29.5	32	34.5	37	39.5	52	64.5	77	92	40	60	80	100	120	120	120	120	120	150	19.5	22	24.5	27	29.5	42	54.5	67	77
$\phi 20$	30	32.5	35	37.5	40	52.5	65	77.5	92.5	40	60	80	100	120	120	120	120	120	150	20	22.5	25	27.5	30	42.5	55	67.5	77.5
$\phi 25$	33.5	36	38.5	41	43.5	56	68.5	81	96	40	60	80	100	120	120	120	120	120	150	23.5	26	28.5	31	33.5	46	58.5	71	81
$\phi 32$	35.5	38	40.5	43	45.5	58	70.5	83	83	30	50	80	100	120	120	120	120	120	150	30.5	33	30.5	33	35.5	48	60.5	73	83

Bore	E	F	G	H1		H2		I	J	K	L	M1	M2	M3	N	P1	P2	P3	Q	R	S
				MAX	MIN	MAX	MIN														
$\phi 10$	3	8	34	15	3	12	5	18	$\phi 3.5 \times \text{Thr}, \phi 6, D3.3$	34	46	17	18.5	8.5	11	$\phi 3.5 \times \text{Thr}, \phi 6, D3.3$	M4 \times P0.7 \times D5	M5 \times P0.8	34	3	42
$\phi 16$	3	12	47	16.5	2.5	15	5	24	$\phi 4.5 \times \text{Thr}, \phi 8, D4.5$	48	58	22	24	11.5	15.5	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D6	M5 \times P0.8	48	3.5	54
$\phi 20$	2	12	55	15	4.5	15	5	28	$\phi 4.5 \times \text{Thr}, \phi 8, D4.5$	54	66	25	27	13	16.2	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D6	M5 \times P0.8	54	5	62
$\phi 25$	2	14	66	13	4.5	7	7	34	$\phi 5.5 \times \text{Thr}, \phi 9.5, D5.5$	66	77	31	33	16	19.5	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D7	M5 \times P0.8	63	6	73
$\phi 32$	3.5	17	83	10	6	13	8	44	$\phi 6.5 \times \text{Thr}, \phi 11, D6.5$	80	100	40.5	42.5	21	20.7	$\phi 5.5 \times \text{Thr}, \phi 9.5, D5.5$	M6 \times P1.0 \times D12	Rc 1/8"	80	13	96

Bore	T	V	W	Y	Z1	Z2
$\phi 10$	17	6	10	M3 \times P0.5	60	M6 \times P1 \times L25
$\phi 16$	22	8	13	M4 \times P0.7	72	M8 \times P1 \times L25
$\phi 20$	25	10	13	M4 \times P0.7	73	M8 \times P1 \times L25
$\phi 25$	31	12	17	M4 \times P0.7	82	M10 \times P1 \times L30
$\phi 32$	40.5	16	17	M5 \times P0.8	92	M10 \times P1 \times L30

尺寸圖 Dimension $\phi 16 \sim \phi 32$

PTM... 雙動雙軸滑台移動型
Middle block movable type



Bore	A	B	C	D1									
				25	50	75	100	125	150	175	200	250	
$\phi 16$	84	12.5	54	20	40	60	80	100	100	100	100	100	120
$\phi 20$	85	14	55	20	40	60	80	100	100	100	100	100	120
$\phi 25$	96	17	62	20	40	60	80	100	100	100	100	100	120
$\phi 32$	109	21.5	66	20	40	60	80	100	100	100	100	100	150

Bore	D2								D3								D4										
	25	50	75	100	125	150	175	200	250	25	50	75	100	125	150	175	200	250	25	50	75	100	125	150	175	200	250
$\phi 16$	29.5	32	34.5	37	39.5	52	64.5	77	92	40	60	80	100	120	120	120	120	150	19.5	22	24.5	27	29.5	42	54.5	67	77
$\phi 20$	30	32.5	35	37.5	40	52.5	65	77.5	92.5	40	60	80	100	120	120	120	120	150	20	22.5	25	27.5	30	42.5	55	67.5	77.5
$\phi 25$	33.5	36	38.5	41	43.5	56	68.5	81	96	40	60	80	100	120	120	120	120	150	23.5	26	28.5	31	33.5	46	58.5	71	81
$\phi 32$	35.5	38	40.5	43	45.5	58	70.5	83	83	30	50	80	100	120	120	120	120	150	30.5	33	30.5	33	35.5	48	60.5	73	83

Bore	E	F	G	H1		H2		I	J	K	L	M1	M2	M3	N	P1	P2	P3	Q	R	S	T
				MAX	MIN	MAX	MIN															
$\phi 16$	3	12	47	16.5	2.5	15	5	24	$\phi 4.5 \times \text{Thr}, \phi 8, D4.5$	48	58	22	24	11.5	15.5	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D6	M5 \times P0.8	48	3.5	54	22
$\phi 20$	2	12	55	15	4.5	15	5	28	$\phi 4.5 \times \text{Thr}, \phi 8, D4.5$	54	66	25	27	13	16.2	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D6	M5 \times P0.8	54	5	62	25
$\phi 25$	2	14	66	13	4.5	7	7	34	$\phi 5.5 \times \text{Thr}, \phi 9.5, D5.5$	66	77	31	33	16	19.5	$\phi 4.4 \times \text{Thr}, \phi 8, D4.5$	M5 \times P0.8 \times D7	Rc 1/8"	63	6	73	31
$\phi 32$	6	17	83	10	3.5	13	8	44	$\phi 6.5 \times \text{Thr}, \phi 11, D6.5$	80	100	40.5	42.5	21	20.7	$\phi 5.5 \times \text{Thr}, \phi 9.5, D5.5$	M6 \times P1.0 \times D12	Rc 1/8"	80	13	96	40.5

Bore	V	W	Y	Z1	Z2	Z3
$\phi 16$	8	13	M4 \times P0.7	72	M8 \times P1 \times L25	6.5
$\phi 20$	10	13	M4 \times P0.7	73	M8 \times P1 \times L25	6.5
$\phi 25$	12	17	M4 \times P0.7	82	M10 \times P1 \times L30	8.5
$\phi 32$	16	17	M5 \times P0.8	92	M10 \times P1 \times L30	10.5

(D: 深度, Depth / Thr: 貫穿孔, Through hole)

導桿氣壓