



雙動氣缸 Double acting cylinders

PTD...	雙動雙軸附磁性感應型 DOUBLE ACTING - TWIN ROD - SINGLE END ROD TYPE	
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- 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.

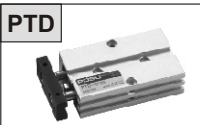
規格表 Specifications

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)	10,20,30,40,50,75,100,125,150,175,200,250				
行程範圍 The range of stroke (mm)	MAX 100	MAX 200		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 ~ 8.5				
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)	-5 ~ 0				
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.

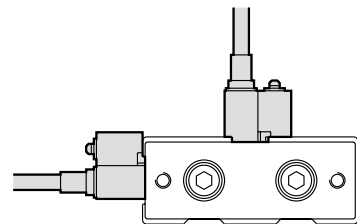
PTD-32×100-LN-01D×2

- 型式 Type
- 行程 Stroke
- 內徑 Bore
- 感應器數量 Quantity
- 近接開關 Sensor switch

● 型式 Type											
● 內徑 Bore	<table border="1"> <tr><td>10</td><td>φ 10</td></tr> <tr><td>16</td><td>φ 16</td></tr> <tr><td>20</td><td>φ 20</td></tr> <tr><td>25</td><td>φ 25</td></tr> <tr><td>32</td><td>φ 32</td></tr> </table>	10	φ 10	16	φ 16	20	φ 20	25	φ 25	32	φ 32
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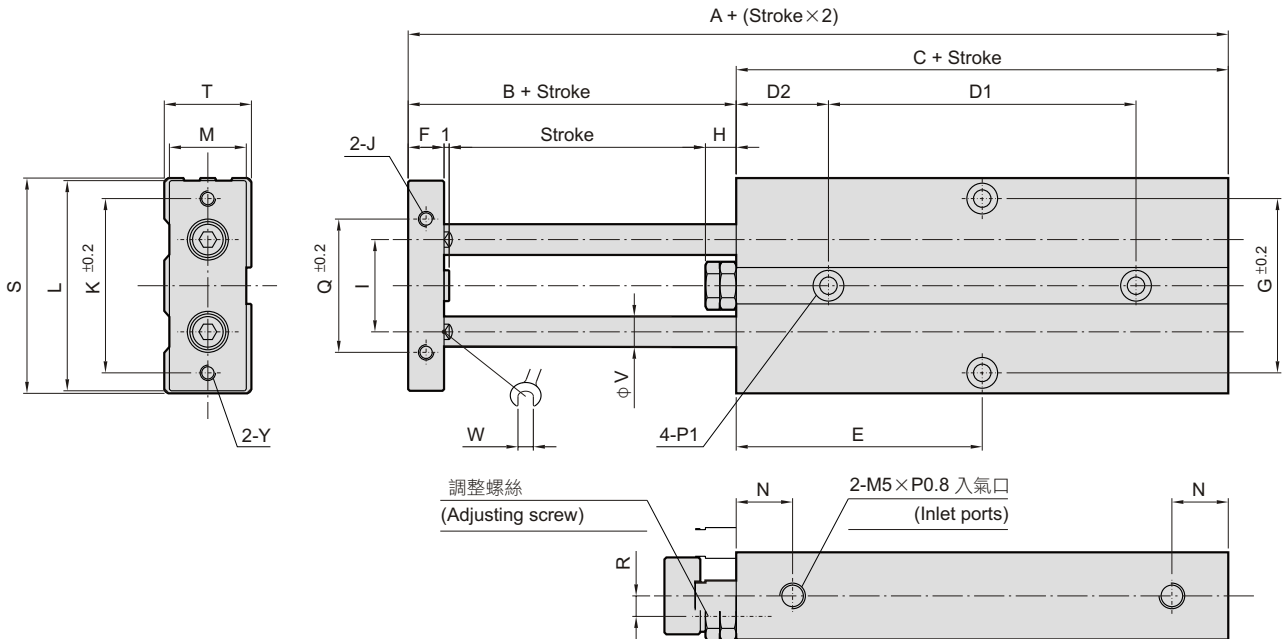


感應器固定方式
Sensors mounting method

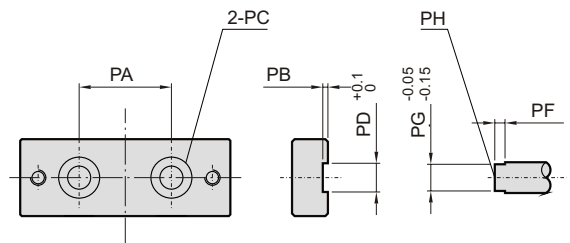


尺寸圖 Dimension $\phi 10 \sim \phi 32$

PTD... 雙動雙軸附磁性感應型
Double acting - twin rod - single end rod type



軸前端尺寸
Front end dimensions



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

Bore	A	B	C	D1											
				10	20	30	40	50	75	100	125	150	175	200	250
$\phi 10$	60	14	46	20	30	40	50	60	85	110	-	-	-	-	-
$\phi 16$	71	17	54	20	20	20	30	40	60	80	100	100	100	100	120
$\phi 20$	75	20	55	20	20	20	30	40	60	80	100	100	100	100	120
$\phi 25$	82	20	62	20	20	20	30	40	60	80	100	100	100	100	120
$\phi 32$	92	26	66	20	20	20	30	40	60	80	100	100	100	100	150

Bore	D2												E												F	G	H	I
	10	20	30	40	50	75	100	125	150	175	200	250	10	20	30	40	50	75	100	125	150	175	200	250				
$\phi 10$	18	18	18	18	18	18	18	-	-	-	-	-	28	33	38	43	48	60.5	73	-	-	-	-	7	34	6	18	
$\phi 16$	22	27	32	32	32	34.5	37	39.5	52	64.5	77	92	32	37	42	47	52	64.5	77	89.5	102	114.5	127	152	8	47	8	24
$\phi 20$	22.5	27.5	32.5	32.5	32.5	35	37.5	40	52.5	65	77.5	92.5	32.5	37.5	42.5	47.5	52.5	65	77.5	90	102.5	115	127.5	152.5	10	55	9	28
$\phi 25$	26	31	36	36	36	38.5	41	43.5	56	58.5	81	96	36	41	46	51	56	68.5	81	93.5	106	118.5	131	156	11	66	8	34
$\phi 32$	28	33	38	38	38	40.5	43	45.5	58	70.5	83	83	38	43	48	53	58	70.5	83	95.5	108	120.5	133	158	14	83	11	44

Bore	J	K	L	M	N	P1	Q	R	S	T	V	W	Y	PA	PB	PC	PD	PF	PG	PH
$\phi 10$	M3 鑽0.5 鑽D5	34	41	15	11	$\phi 3.5 \times \text{Thr}, \phi 6, D3.3$	26	4	42	17	6	5.2	M3 \times P0.5	18	1	$\phi 4.5 \times \text{Thr}, \phi 8, D4.3$	5.6	2	5.2	M4 \times P0.7 \times D10
$\phi 16$	M4 \times 0.7 \times D5	47	53	20	15.5	$\phi 4.5 \times \text{Thr}, \phi 8, D4.4$	34	6.5	54	22	8	6.2	M4 \times P0.7	24	1	$\phi 5.5 \times \text{Thr}, \phi 9, D5.5$	6.2	2	6.2	M5 \times P0.8 \times D8
$\phi 20$	M4 \times 0.7 \times D5	55	61	23	16.2	$\phi 4.5 \times \text{Thr}, \phi 8, D4.4$	44	6.5	62	25	10	8.2	M4 \times P0.7	28	1	$\phi 6.5 \times \text{Thr}, \phi 11, D6.8$	8.2	2	8.2	M6 \times P1 \times D8
$\phi 25$	M5 \times 0.8 \times D6	66	72	29	19.5	$\phi 4.5 \times \text{Thr}, \phi 8, D4.4$	56	8	73	32	12	10.2	M4 \times P0.7	34	1	$\phi 8.5 \times \text{Thr}, \phi 14, D8.5$	10.2	2	10.2	M8 \times P1.25 \times D10
$\phi 32$	M8 \times 1.25 \times D10	80	94	38	20.7	$\phi 5.5 \times \text{Thr}, \phi 9.5, D5.5$	70	13	96	40.5	16	14	M6 \times P1.0	44	1	$\phi 10.5 \times \text{Thr}, \phi 17, D11$	14	2	14	M10 \times P1.5 \times D10

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