

- 全系列附有磁性感應功能。
- 經由雙導桿之推動可得到精確之操作。
- 具有兩種外型，設計簡易可降低機械成本。
- All series of piston can with magnet.
- Rod achieve the effect of highly accurate operation.
- Two types all easy to install, also reducing machine design work and cost.

#### 雙動導桿氣缸 Double acting guide cylinders

<b>GJ</b>	導桿面板型 DOUBLE ACTING - STANDARD TYPE	
<b>GJR</b>	導桿面板型(附磁性感應) DOUBLE ACTING - STANDARD TYPE (piston with magnet)	
<b>GJ..B</b>	導桿外牙型 DOUBLE ACTING - FEMALE THREAD TYPE	
<b>GJR..B</b>	導桿外牙型(附磁性感應) DOUBLE ACTING - FEMALE THREAD TYPE (piston with magnet)	

#### 規格表 Specifications

型號 Type	GJ	GJ..B
氣缸內徑 Bore sizes of cylinder (mm)	φ 20~ φ 63	φ 32~ φ 63
標準行程 Standard stroke (mm)	10,20,30,40,50,60,70,80	
工作媒體 Power fluid	已濾清之壓縮空氣(潤滑或未潤滑) Filtered air with or without lubrication	
使用壓力範圍 The range of pressure (kgf/cm <sup>2</sup> )	1 ~ 10.2	
使用溫度範圍 The range of temperature (°C)	-10 ~ 60	

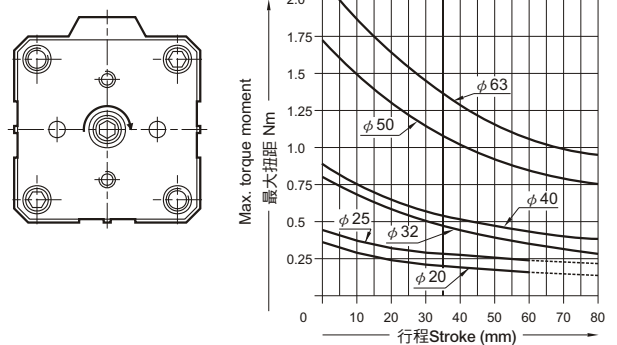
#### 訂購代號 Order No.

**GJ R 32 × 30 B LN-01D × 2**

- 型式 Type**: GJ
- 磁性感應 Magnet**: R (附磁性感應 with magnet), 無磁性感應 without magnet
- 內徑 Bore**: 32 φ 32, 40 φ 40, 50 φ 50, 63 φ 63
- 行程 Stroke**: 30
- 端板型式 Rod end type**: B (軸牙為外牙 Male thread in rod end), 軸牙為內牙 Female thread in rod end
- 感應器數量 Quantity**: 2 (感應器型號: LN-01D, LN-09D)

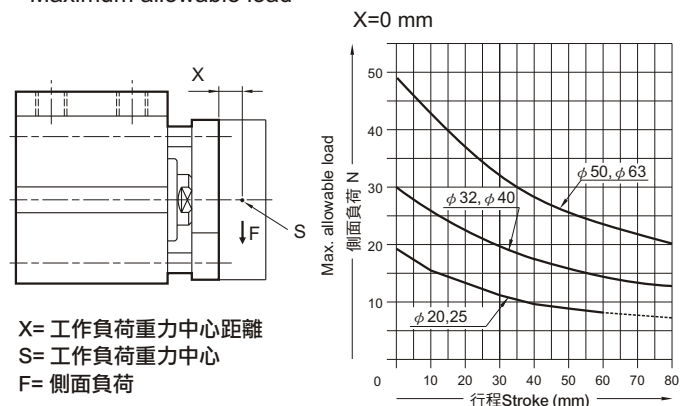
#### 氣缸行程與最大扭距曲線圖

Maximum allowable torque moment



#### 氣缸行程與側面負荷曲線圖

Maximum allowable load



行程規格表 Cylinder bore and stroke

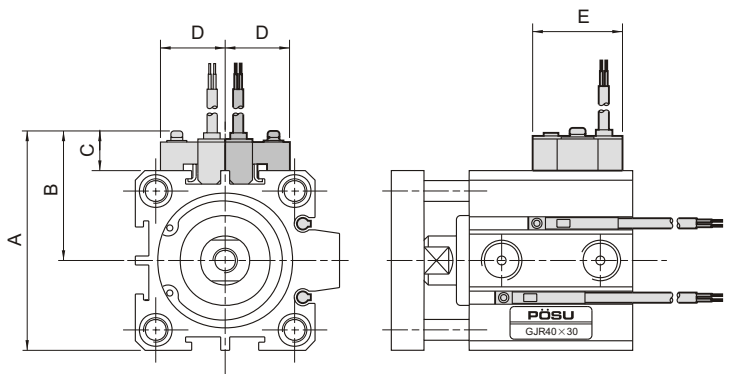
內徑 Bore	Type Stroke	GJ									GJR							
		10	20	30	40	50	60	75	85	100	10	20	30	40	50	65	75	90
φ20		●	●	●	●	●	●	—	—	—	●	●	●	●	●	—	—	—
φ25		●	●	●	●	●	●	—	—	—	●	●	●	●	●	—	—	—

內徑 Bore	Type Stroke	GJ / GJ..B									GJR / GJR..B							
		10	20	30	40	50	60	75	85	100	10	20	30	40	50	65	75	90
φ32		●	●	●	●	●	●	●	—	—	●	●	●	●	●	●	—	—
φ40		●	●	●	●	●	●	●	—	—	●	●	●	●	●	●	—	—
φ50		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
φ63		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

近接開關 Sensor switches 尺寸圖 Dimension

Bore	近接開關型式 sensor switch	A	B	C	D	E
φ20	LN01D	43.5	26.5	9.5	15.5	22
φ25	LN01D	49.5	29.5	9.5	15.5	22
φ32	LN01D	53.5	31.5	9.5	15.5	22
φ40	LN01D	61.5	35.5	9.5	15.5	22
φ50	LN01D	71.5	40.5	9.5	15.5	22
φ63	LN01D	84.5	47	9.5	15.5	22

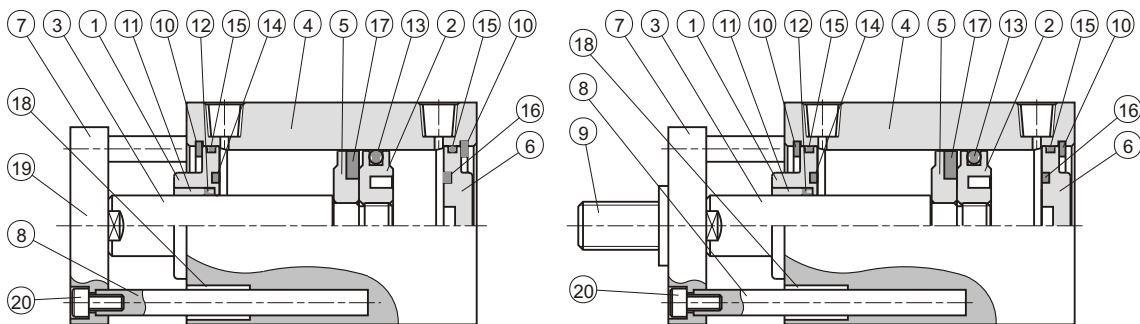


修理包 Seal Kit 訂購代號 Order No.

**GJSK 32** — 內徑 Bore

20	GJSK20 - Including No.12,13,15
25	GJSK25 - Including No.12,13,15
32	GJSK32 - Including No.12,13,15
40	GJSK40 - Including No.12,13,15
50	GJSK50 - Including No.12,13,15
63	GJSK63 - Including No.12,13,15

內部結構 Inside structure & parts list



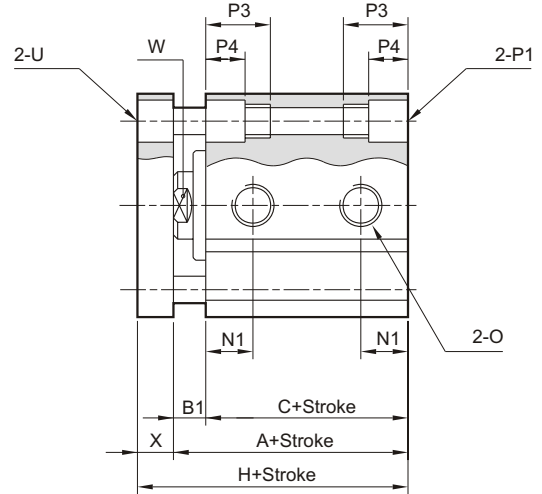
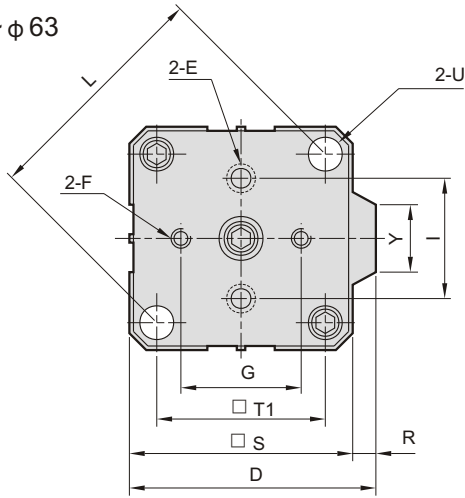
No.	零件名稱 part name	數量 Quantity	No.	零件名稱 part name	數量 Quantity	No.	零件名稱 part name	數量 Quantity
1	前蓋 Rod cover	1	8	導桿 Guide stem	2	15	前後蓋O型環 Cylinder gasket	2
2	活塞本體 Piston	1	9	連接頭 Red end male thread	1	16	後蓋墊片 Rubber lining	1
3	活塞桿 Piston rod	1	10	孔用扣環 Snap ring	2	17	磁環 Magnet	1
4	氣缸本體 Cylinder tube	1	11	乾式軸承 Oilless bearing	1	18	乾式軸承 Oilless bearing	2
5	磁環座 Magnet holder	1	12	軸封 Rod packing	1	19	繫緊螺絲 Rod-fix bolt	1
6	後蓋 Head cover	1	13	活塞迫緊 Piston packing	1	20	繫緊螺絲 Plate bolt	2
7	連接板 Front plate	1	14	前蓋墊片 Rubber lining	1			

尺寸圖 Dimension  $\phi 20 \sim \phi 63$

**GJ** 雙動導桿面板型  
Double acting - standard type



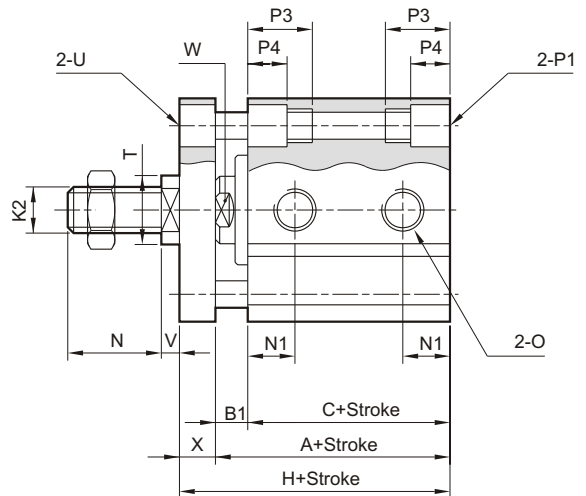
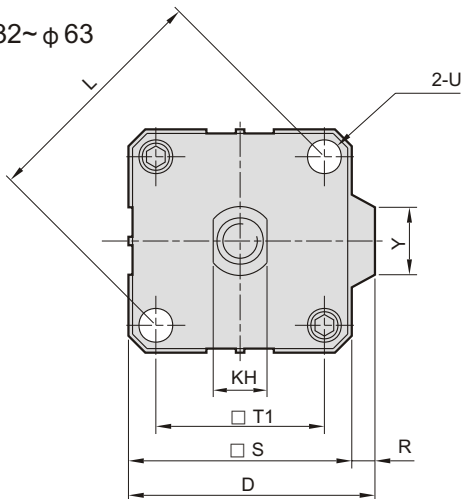
Bore  $\phi 20 \sim \phi 63$



**GJ..B** 雙動導桿外牙型  
Double acting - standard type



Bore  $\phi 32 \sim \phi 63$



右列行程之本體長度 "C" 尺寸相同 : (5,10)(15,20)(25,30)(35,40)(45,50)(55,60)  
The length "C" of cylinder body is same of the stroke: (5,10)(15,20)(25,30)(35,40)(45,50)(55,60)

Bore	A	B1	C	D	E	F	G	H	I	K2	KH	L	N	N1
$\phi 20$	25	5.5	19.5	—	M6	M6	24	33	24	—	—	34	—	7.5
$\phi 25$	27.2	6	21.2	—	M6	M6	28	35.2	28	—	—	39.6	—	8
$\phi 32$	31	7	24	50	$\phi 5.5 \times \phi 10 \times 5.5L$	M5	28	43	28	M10 $\times$ P1.25	22	48	25	9
$\phi 40$	33.5	7	26.5	58	$\phi 5.5 \times \phi 10 \times 5.5L$	M5	33	45.5	33	M14 $\times$ P1.5	22	56.5	25	10
$\phi 50$	37.6	9	28.6	71	$\phi 6.5 \times \phi 11 \times 6.5L$	M6	42	49.6	42	M16 $\times$ P1.5	22	68	30	10.8
$\phi 63$	41	8.5	32.5	84.5	$\phi 6.5 \times \phi 11 \times 6.5L$	M6	50	53	50	M16 $\times$ P1.5	22	85	30	11

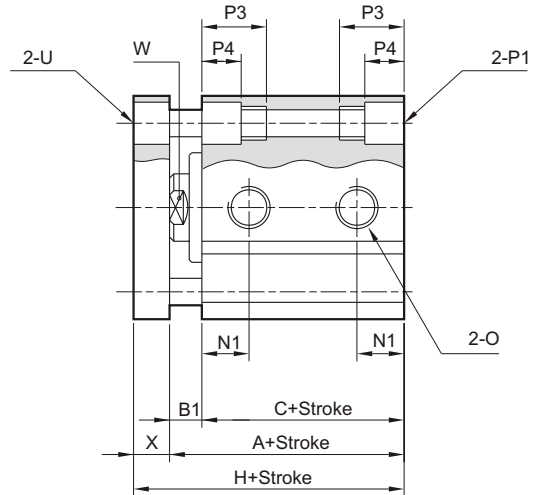
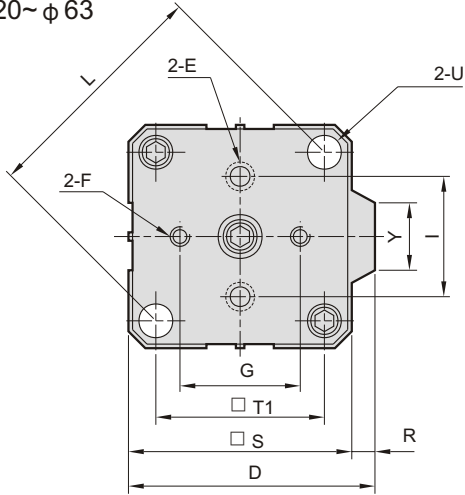
Bore	O	P1	P3	P4	R	S	T	T1	U	V	W	X	Y
$\phi 20$	M5 $\times$ 0.8	$\phi 3.8 \times 2-M5 \times P0.8 \times 6L, \phi 6.5 \times 5L$	11	5	—	34	—	24	6.5	—	6	8	—
$\phi 25$	M5 $\times$ 0.8	$\phi 5.1 \times 2-M6 \times P1.0 \times 8L, \phi 8 \times 6L$	14	6	—	40	—	28	6.5	—	8	8	—
$\phi 32$	PT 1/8	$\phi 5.1 \times 2-M6 \times P1.0 \times 8L, \phi 8 \times 6L$	14	6	6	44	25	34	8.5	5	10	12	13.6
$\phi 40$	PT 1/8	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18	8	6.5	52	25	40	10.5	5	14	12	13.6
$\phi 50$	PT 1/4	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18.5	8.5	9.5	62	25	48	10.5	5	17	12	19
$\phi 63$	PT 1/4	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18.5	8.5	9.5	75	25	60	10.5	5	17	12	20.5

尺寸圖 Dimension  $\phi 20 \sim \phi 63$

**GJR** 雙動導桿面板型(附磁性感應)  
Double acting - magnetic piston type



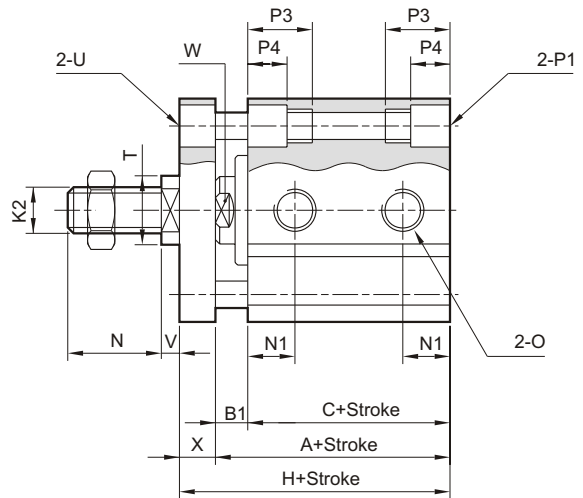
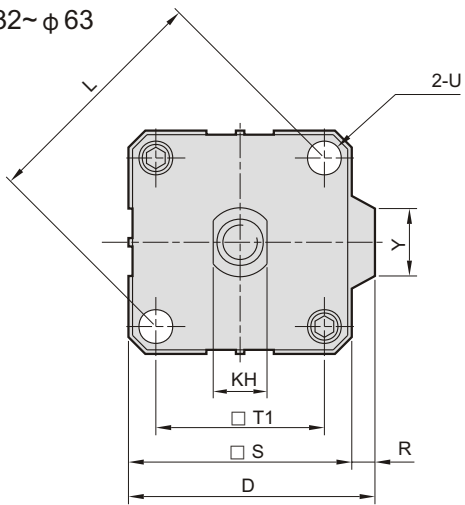
Bore  $\phi 20 \sim \phi 63$



**GJR..B** 雙動導桿外牙型(附磁性感應)  
Double acting - magnetic piston type



Bore  $\phi 32 \sim \phi 63$



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The length "C" of cylinder body is same of the stroke: (5,10)(15,20)(25,30)(35,40)(45,50)(55,60)

Bore	A	B1	C	D	E	F	G	H	I	K2	KH	L	N	N1
$\phi 20$	35	5.5	29.5	—	M6	M6	24	43	24	—	—	34	—	7.5
$\phi 25$	37.2	6	31.2	—	M6	M6	28	45.2	28	—	—	39.6	—	8
$\phi 32$	41	7	34	50	$\phi 5.5 \times \phi 10 \times 5.5L$	M5	28	53	28	M14 $\times$ P1.5	22	48	25	9
$\phi 40$	43.5	7	36.5	58	$\phi 5.5 \times \phi 10 \times 5.5L$	M5	33	55.5	33	M14 $\times$ P1.5	22	56.5	25	10
$\phi 50$	47.6	9	38.6	71	$\phi 6.5 \times \phi 11 \times 6.5L$	M6	42	59.6	42	M16 $\times$ P1.5	22	68	30	10.8
$\phi 63$	51	8.5	42.5	84.5	$\phi 6.5 \times \phi 11 \times 6.5L$	M6	50	63	50	M16 $\times$ P1.5	22	85	30	11

Bore	O	P1	P3	P4	R	S	T	T1	U	V	W	X	Y
$\phi 20$	M5 $\times$ 0.8	$\phi 3.8 \times 2-M5 \times P0.8 \times 6L, \phi 6.5 \times 5L$	11	5	—	34	—	24	6.5	—	6	8	—
$\phi 25$	M5 $\times$ 0.8	$\phi 5.1 \times 2-M6 \times P1.0 \times 8L, \phi 8 \times 6L$	14	6	—	40	—	28	6.5	—	8	8	—
$\phi 32$	PT 1/8	$\phi 5.1 \times 2-M6 \times P1.0 \times 8L, \phi 8 \times 6L$	14	6	6	44	25	34	8.5	5	10	12	13.6
$\phi 40$	PT 1/8	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18	8	6.5	52	25	40	10.5	5	14	12	13.6
$\phi 50$	PT 1/4	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18.5	8.5	9.5	62	25	48	10.5	5	17	12	19
$\phi 63$	PT 1/4	$\phi 6.8 \times 2-M8 \times P1.25 \times 10L, \phi 10 \times 8L$	18.5	8.5	9.5	75	25	60	10.5	5	17	12	20.5