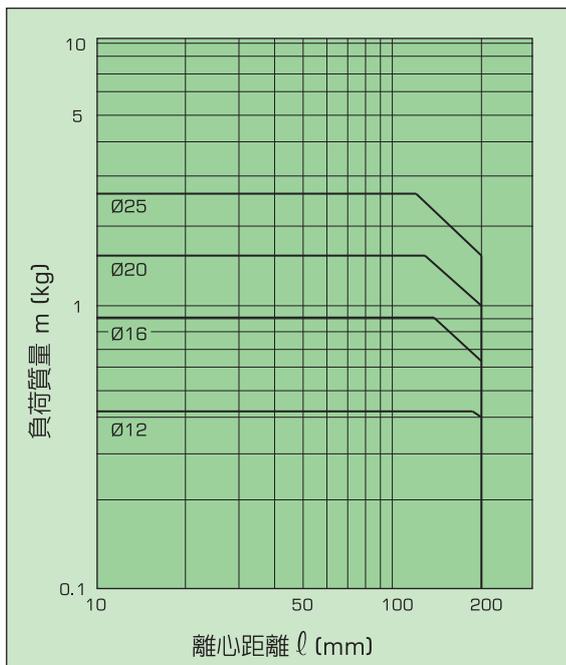


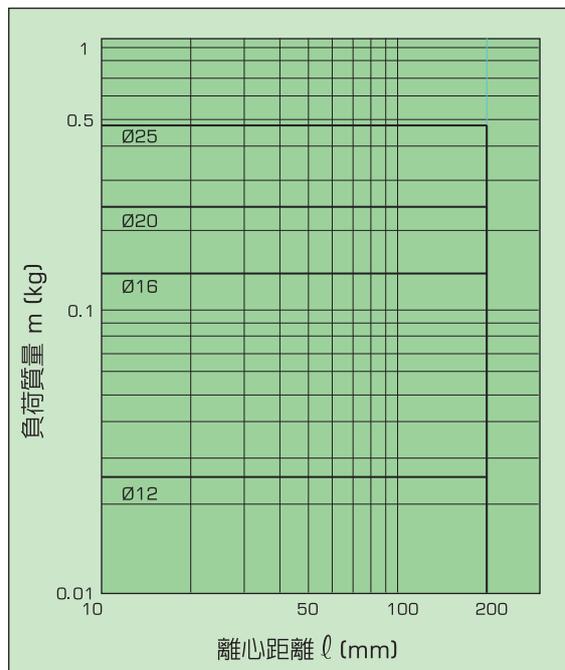
垂直安裝 (線性軸承)
GMM12~25

————— 操作壓力 0.4MPa

● (I) 30行程未滿, V = 400mm/s

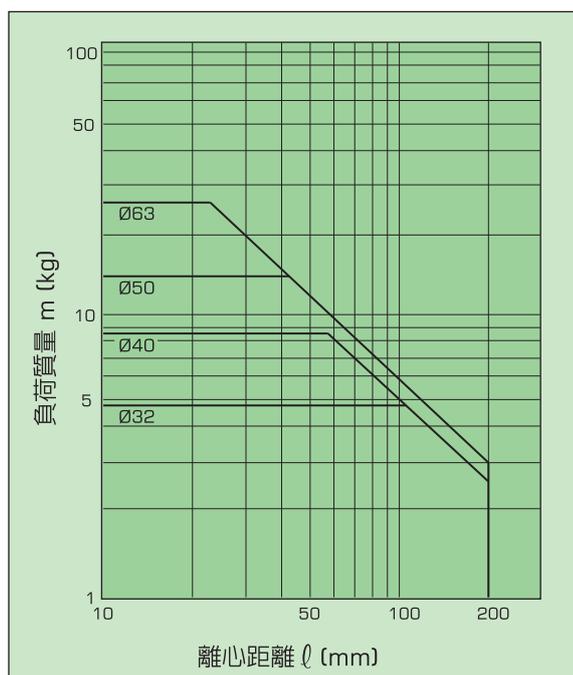


● (J) 30行程以上, V = 400mm/s

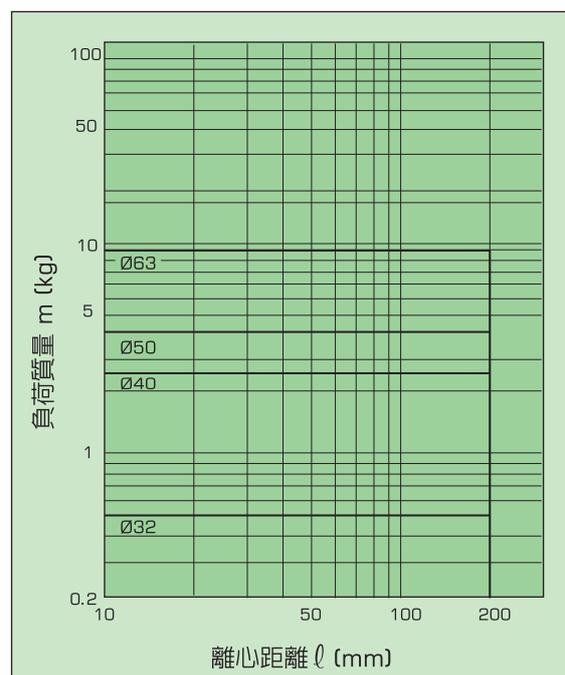


GMM32~63

● (K) 50行程未滿, V = 400mm/s



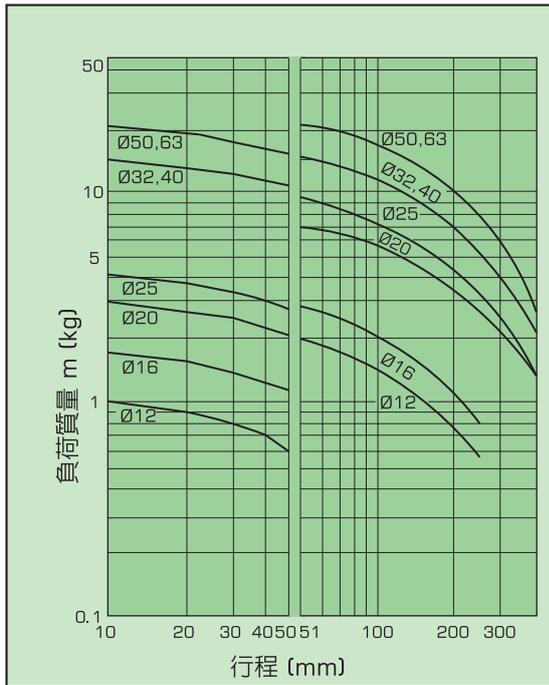
● (L) 50行程以上, V = 400mm/s



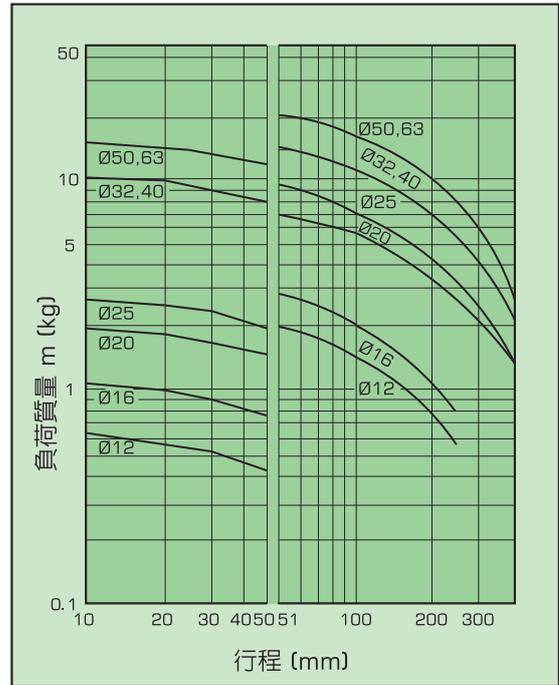
水平安裝 (複合軸承)

GML12~63

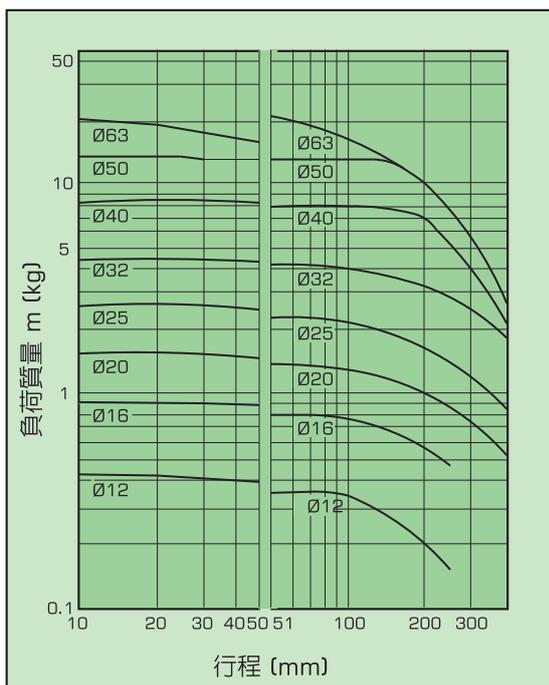
● (M) $l = 50\text{mm}$, $V = 200\text{mm/s}$



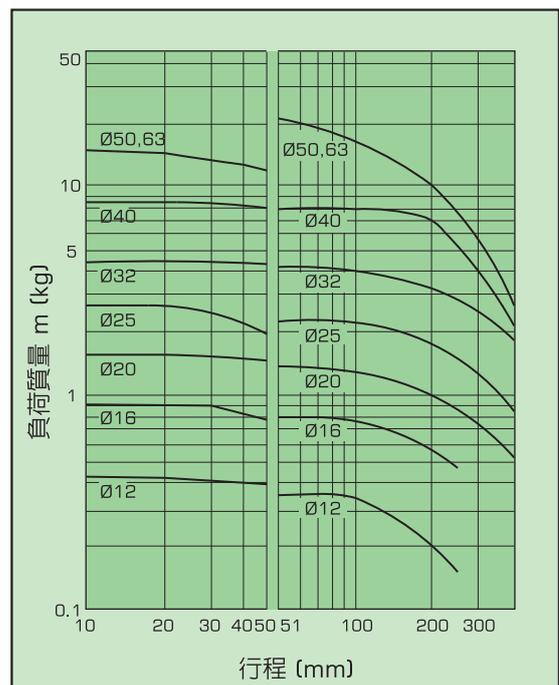
● (N) $l = 100\text{mm}$, $V = 200\text{mm/s}$



● (O) $l = 50\text{mm}$, $V = 400\text{mm/s}$



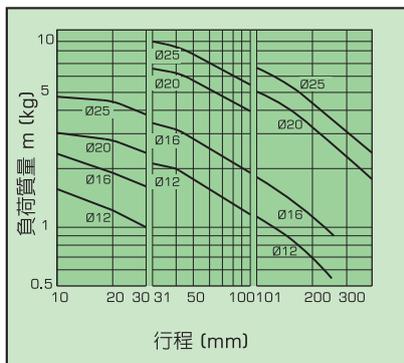
● (P) $l = 100\text{mm}$, $V = 400\text{mm/s}$



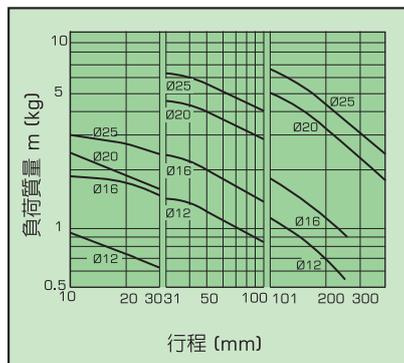
水平安裝 (線性軸承)

(Q) $l = 50\text{mm}$, $V = 200\text{mm/s}$

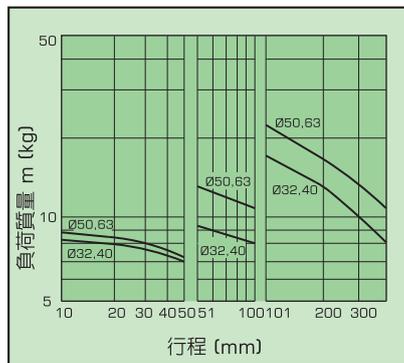
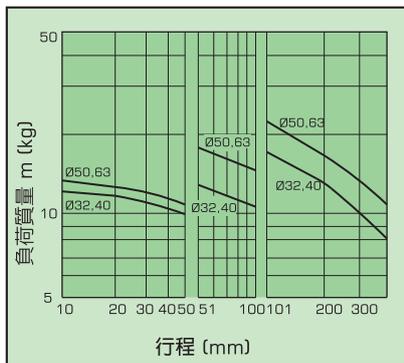
GMM12~25



(R) $l = 100\text{mm}$, $V = 200\text{mm/s}$

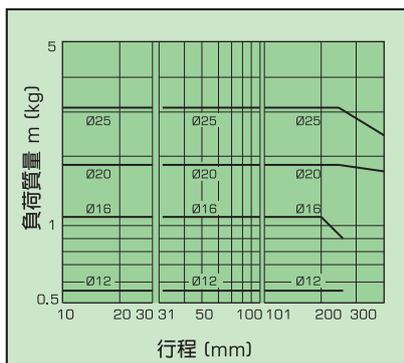


GMM32~63

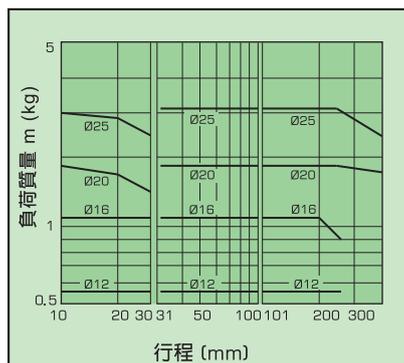


(S) $l = 50\text{mm}$, $V = 400\text{mm/s}$

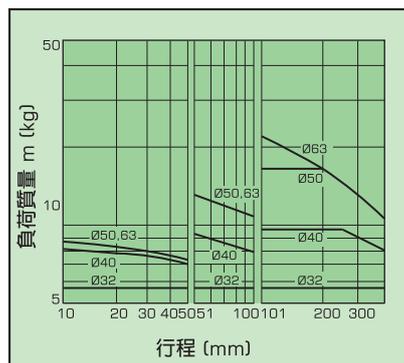
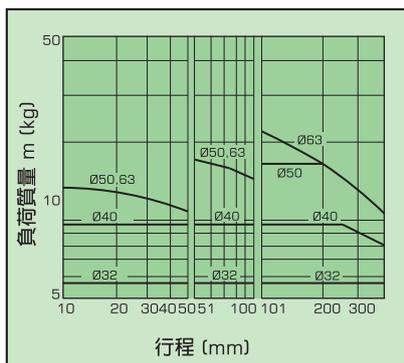
GMM12~25



(T) $l = 100\text{mm}$, $V = 400\text{mm/s}$

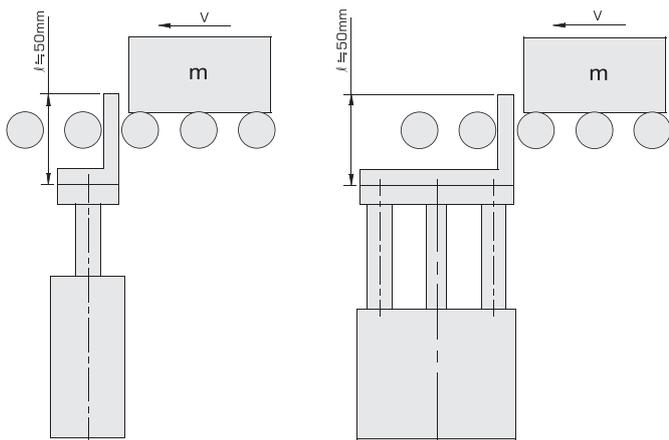


GMM32~63

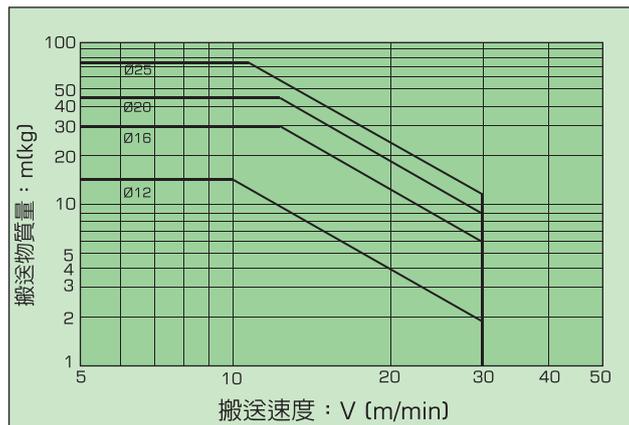


作為制動器使用之使用範圍

氣缸內徑 $\varnothing 12\sim 25$ 時/GML12~25(複合軸承)



GML12~25 (複合軸承)



● 於 l 尺寸過長時之機種選定，請加大其氣缸內徑選定之。

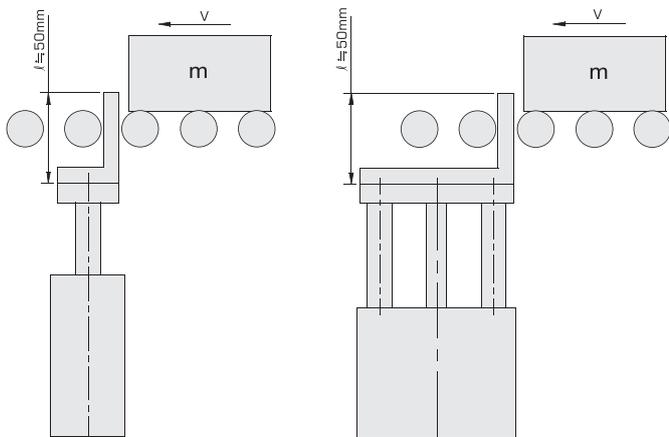
⚠ 注意

安裝時之注意

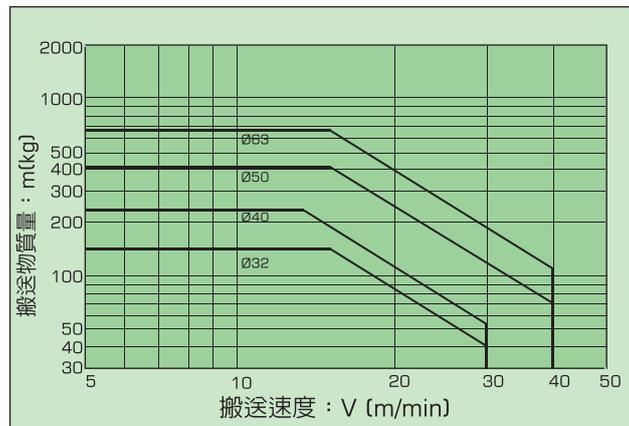
註1：作為制動器使用時其行程請選定30st以下機種。

註2：GMM（線性軸承）無法做制動器使用。

氣缸內徑 $\varnothing 32\sim 63$ 時/GML32~63(複合軸承)



GML32~63 (複合軸承)



● 於 l 尺寸過長時之機種選定，請加大其氣缸內徑選定之。

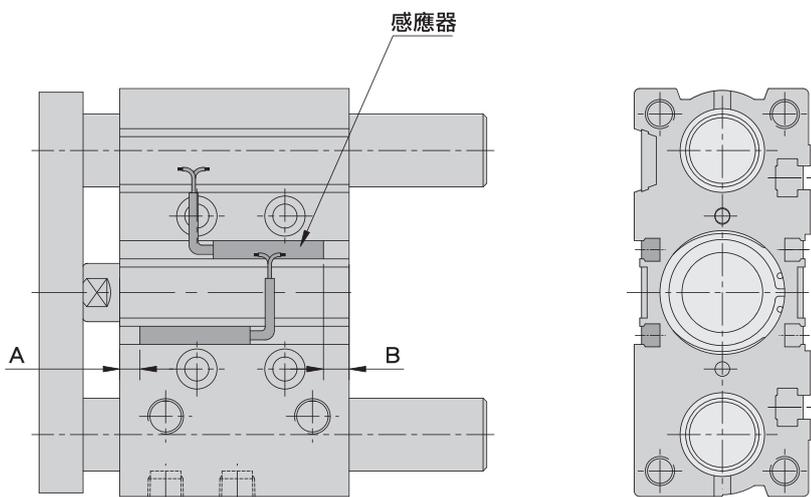
⚠ 注意

安裝時之注意

註1：作為制動器使用時其行程請選定50st以下機種。

註2：GMM（線性軸承）無法做制動器使用。

感應器 / 行程終點檢出時之正確安裝位置



正確安裝方式

氣缸內徑(mm)	A	B
12	2	0
16	1.5	1
20	4.5	2
25	2	7
32	0	7

氣缸內徑(mm)	A	B
40	2.5	12
50	10	4.5
63	10.5	9

感應器固定方式

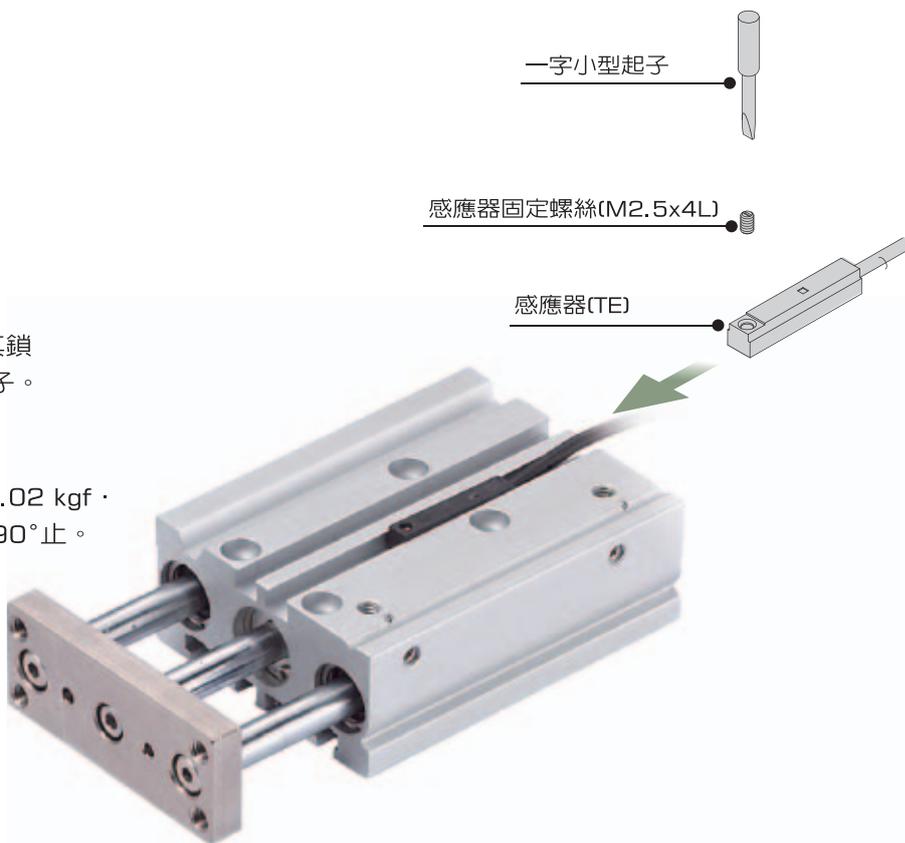
注意

感應器固定用工具

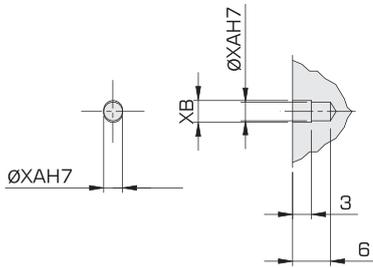
- 感應器固定螺絲（附屬於感應器）其鎖緊時請使用 5~6mm 之小型一字起子。

有關於鎖緊扭力

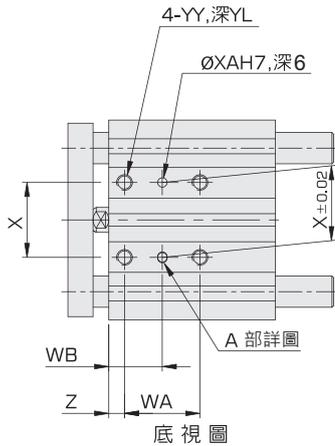
- 請於 0.05 ~ 0.1N · m (0.51 ~ 1.02 kgf · cm) 施力，感覺要鎖緊前，再回轉 90° 止。



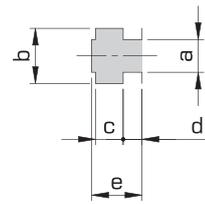
外型尺寸表



A 部詳圖, 比例 2:1

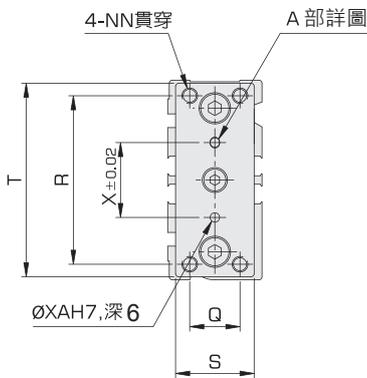


底視圖

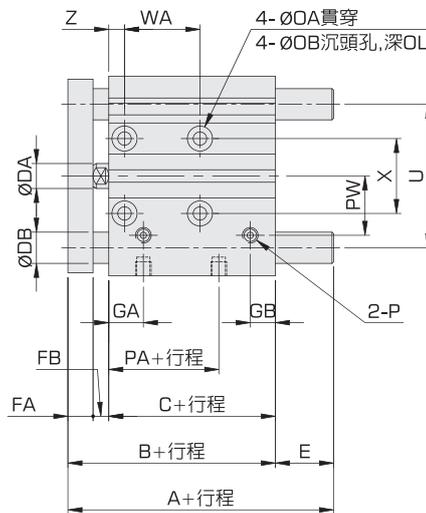


B 部詳圖, 比例 2:1

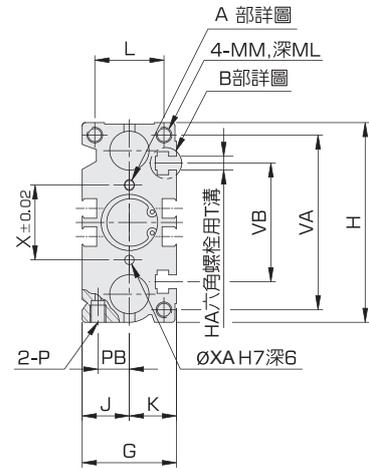
缸徑	a	b	c	d	e
Ø12	4.4	7.4	3.7	2	6.2
Ø16	4.4	7.4	3.7	2.5	6.7
Ø20	5.4	8.4	4.5	2.8	7.8
Ø25	5.4	8.4	4.5	3	8.2



A 部詳圖



底視圖



A 部詳圖

B 部詳圖

GML/GMM 共通尺寸表

缸徑	B	C	DA	FA	FB	G	GA	GB	H	HA	J	K	L	MM	ML	NN	OA	OB	OL	P	PA	PB	PW
Ø12	42	29	6	9.5	3.5	26	11	10	58	M4	13	13	18	M4X0.7	10	M4X0.7	4.3	8	4.5	M5x0.8	13	8	18
Ø16	46	33	8	8	5	30	11	9.5	64	M4	15	15	22	M5X0.8	12	M5X0.8	4.3	8	4.5	M5x0.8	15	10	19
Ø20	53	37	10	10	6	36	10.5	10.5	83	M5	18	18	24	M5X0.8	13	M5X0.8	5.3	9.5	5.5	Rc1/8	12.5	10.5	25
Ø25	53.5	37.5	12	11	5	42	11.5	11	93	M5	21	21	30	M6X1.0	15	M6X1.0	5.3	9.5	5.5	Rc1/8	12.5	13.5	28.5

缸徑	Q	R	S	T	U	VA	VB	WA					WB					X	XA	XB	YY	YL	Z
								10st-30st	40st-100st	125st-200st	250st-300st	超過300st	10st-30st	40st-100st	125st-200st	250st-300st	超過300st						
Ø12	14	48	22	56	41	50	37	20	40	110	200	—	15	25	60	105	—	23	3	3.5	M5x0.8	10	5
Ø16	16	54	25	62	46	56	38	24	44	110	200	—	17	27	60	105	—	24	3	3.5	M5x0.8	10	5
Ø20	18	70	30	81	54	72	44	24	44	120	200	300	29	39	77	117	167	28	3	3.5	M6X1.0	12	17
Ø25	26	78	38	91	64	82	50	24	44	120	200	300	29	39	77	117	167	34	4	4.5	M6X1.0	12	17

GML (複合軸承) A/DB/E 尺寸

缸徑	A			DB	E		
	10st-50st	75st-100st	超過100st		10st-50st	75st-100st	超過100st
Ø12	42	60.5	85	8	0	18.5	43
Ø16	46	64.5	95	10	0	18.5	49

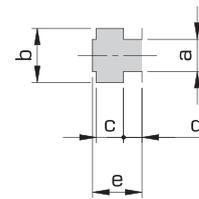
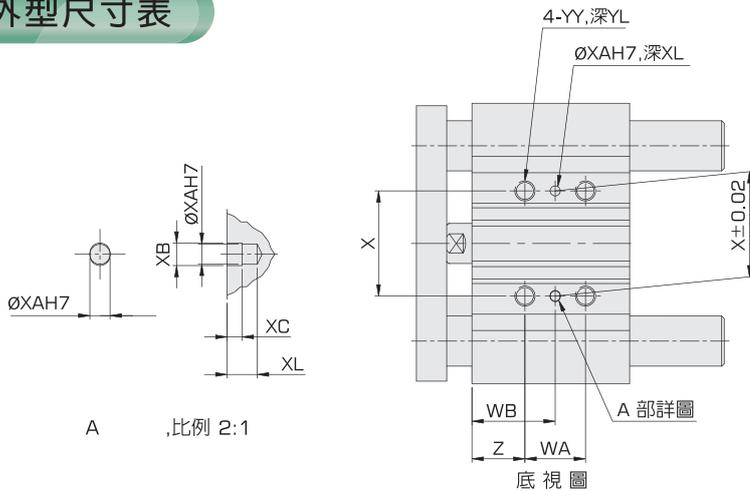
GMM (線性軸承) A/DB/E 尺寸

缸徑	A			DB	E		
	10st-30st	40st-100st	超過100st		10st-30st	40st-100st	超過100st
Ø12	43	55	85	6	1	13	43
Ø16	49	65	95	8	3	19	49

缸徑	A		DB	E	
	10st-50st	75st-200st		10st-50st	75st-200st
Ø20	53	84.5	12	0	31.5
Ø25	53.5	85	16	0	31.5

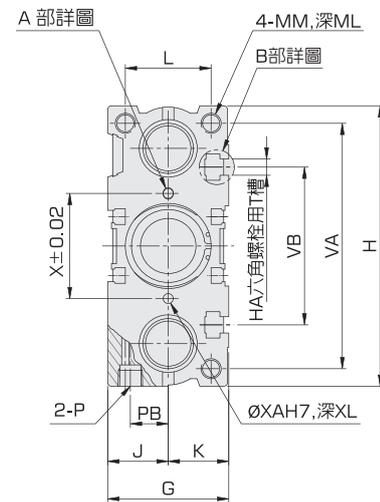
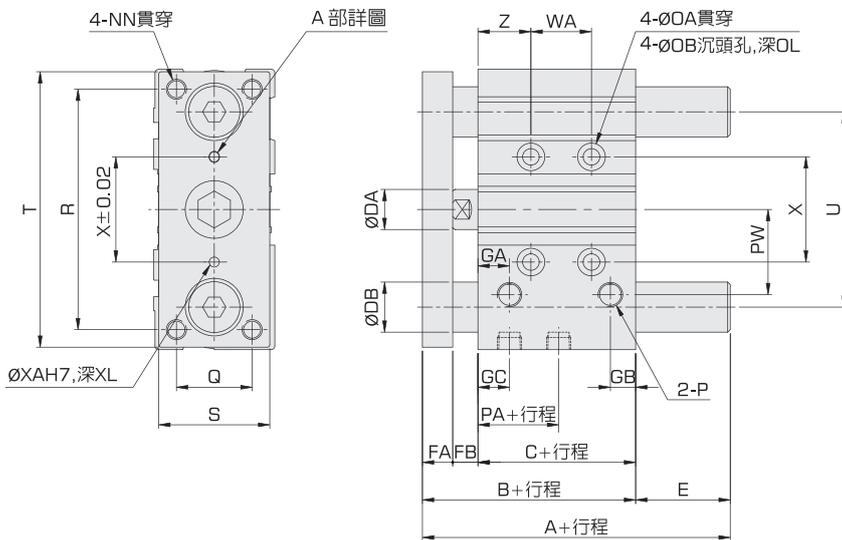
缸徑	A			DB	E		
	20st-30st	40st-100st	125st-200st		20st-30st	40st-100st	125st-200st
Ø20	63	80	104	10	10	27	51
Ø25	69.5	85.5	104.5	13	16	32	51

外型尺寸表



B 部詳圖, 比例 2:1

缸徑	a	b	c	d	e
Ø32	6.5	10.5	5.5	3.5	9.5
Ø40	6.5	10.5	5.5	4	11
Ø50	8.5	13.5	7.5	4.5	13.5
Ø63	11	17.8	10	7	18.5



GML/GMM 共通尺寸表

缸徑	B	C	DA	FA	FB	G	GA	GB	H	HA	J	K	L	MM	ML	NN	OA	OB	OL	P	PA	GC	PB	PW	Q
Ø32	59.5	37.5	16	12	10	48	12.5	11.5	112	M6	24	24	34	M8X1.25	20	M8X1.25	6.6	11	7.5	Rc1/8	7	12.5	15	34	30
Ø40	66	44	16	12	10	54	14	12	120	M6	27	27	40	M8X1.25	20	M8X1.25	6.6	11	7.5	Rc1/8	13	14	18	38	30
Ø50	72	44	20	16	12	64	14	13	148	M8	32	32	46	M10X1.5	22	M10X1.5	8.6	14	9.5	Rc1/4	9	12	21.5	47	40
Ø63	77	49	20	16	12	78	16.5	14	162	M10	39	39	58	M10X1.5	22	M10X1.5	8.6	14	9.5	Rc1/4	14	16.5	28	58	50

缸徑	R	S	T	U	VA	VB	WA					WB					X	XA	XB	XC	XL	YY	YL	Z
							25	50st~100st	125st~200st	250st~300st	超過300st	25	50st~100st	125st~200st	250st~300st	超過300st								
Ø32	96	44	110	78	98	63	24	48	124	200	300	33	45	83	121	171	42	4	4.5	3	6	M8X1.25	16	21
Ø40	104	44	118	86	106	72	24	48	124	200	300	34	46	84	122	172	50	4	4.5	3	6	M8X1.25	16	22
Ø50	130	60	146	110	130	92	24	48	124	200	300	36	48	86	124	174	66	5	6	4	8	M10X1.5	20	24
Ø63	130	70	158	124	142	110	28	52	128	200	300	38	50	88	124	174	80	5	6	4	8	M10X1.5	20	24

GML (複合軸承) A/DB/E 尺寸

缸徑	A		DB	E	
	25st~50st	75st~200st		25st~50st	75st~200st
Ø32	97	102	20	37.5	42.5
Ø40	97	102	20	31	36
Ø50	106.5	118	25	34.5	46
Ø63	106.5	118	25	29.5	41

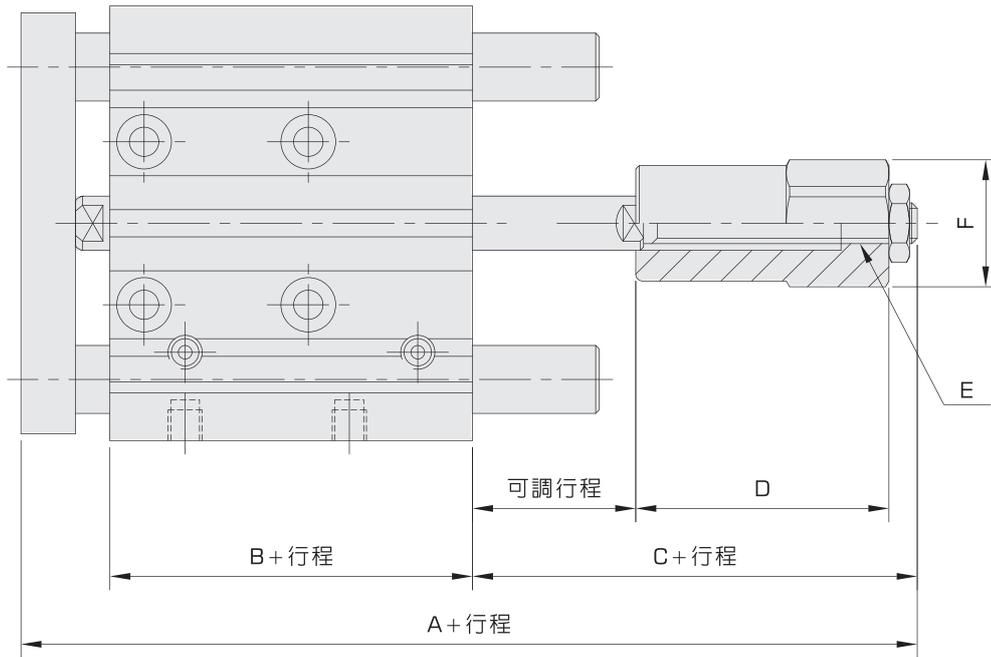
GMM (線性軸承) A/DB/E 尺寸

缸徑	A			DB	E		
	25st~50st	75st~100st	125st~200st		25st~50st	75st~100st	125st~200st
Ø32	81	98	118	16	21.5	38.5	58.5
Ø40	81	98	118	16	15	32	52
Ø50	93	114	134	20	21	42	62
Ø63	93	114	134	20	16	37	57



外型尺寸表

行程可調型



缸徑	A	B	C	D	E	F	可調行程
Ø20	125.5	37	52.5	45	M8X1.25	23	0~25
Ø25	125.5	37.5	52	45	M10X1.25	23	
Ø32	151.5	37.5	67	55	M12X1.25	32.5	
Ø40	160.5	44	69	55	M12X1.25	32.5	
Ø50	189	44	67	60	M16X1.5	39	
Ø63	193	49	66	60	M16X1.5	39	