

2018/03/02

MCGS-03/23/07/27-Ø50 Twin-Guide Cylinder Add 175~400 Stroke Notice And Body Appearance

Thanks for supporting mindman products.

MCGS-03/23/07/27-Ø50 will have following changes.

Please be noted , thank you.

1. Model series

MCGS-03/23/07/27-Ø50

2. Reason

(1) In order to meet market demand to add in 175~400 stroke.

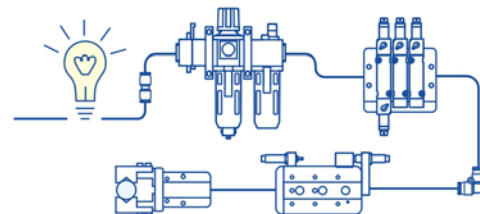
(2) To reduce the weights.

3. Design change

Before																		After																	
Without stroke 175~400																		Add stroke 175~400																	
Table for standard stroke																		Table for standard stroke																	
Series variety (Bearing type)	Tube I.D.	Stroke (mm)																Series variety (Bearing type)	Tube I.D.	Stroke (mm)															
		10	20	25	30	40	50	75	100	125	150	175	200	250	300	350	400			10	20	25	30	40	50	75	100	125	150	175	200	250	300	350	400
MCGS-03 (Slide bearing)	ø12																	MCGS-03 MCGS-07 (Slide bush)	ø12																
	ø16																		ø16																
	ø20																		ø20																
	ø25																		ø25																
	ø32*																		ø32*																
	ø40																		ø40																
	ø50																		ø50																
MCGS-23 (Linear bush bearing)	ø63																	ø63																	
	ø12																	MCGS-23 MCGS-27 (Linear bearing)	ø12																
	ø16																ø16																		
	ø20																ø20																		
	ø25																ø25																		
	ø32*																ø32*																		
	ø40																ø40																		
ø50																ø50																			
ø63																ø63																			

* Tube I.D. ø32: 25mm for the shortest standard stroke.

* Tube I.D. ø32: 25mm for the shortest standard stroke.



Before

Dimension Without stroke 201~400

MCGS-03 / MCGS-23

Code Tube I.D.	A	B	B1	B2	C	D	DD	E	E1	F	G	GA	GB	GC	H	K	K1	L1	M	N1	P
40	120	54	27	27	106	M8×1.25	M8×1.25×20 dp	104	30	44	86	14	10	14	40	118	12	44	ø6.6thru, ø11×7.5dp	22	Rc1/8
50	148	64	32	32	130	M10×1.5	M10×1.5×22 dp	130	40	60	110	14	11	12	46	146	16	44	ø8.6thru, ø14×9dp	24	Rc1/4
63	162	78	39	39	142	M10×1.5	M10×1.5×22 dp	130	50	70	124	16.5	13.5	16.5	58	158	16	49	ø8.6thru, ø14×9dp	24	Rc1/4

Code Tube I.D.	PA	PB	Q1	S	VB	W	X	XA ^{H7}	XB	XC	XL	YY	N2					WB				
													25st	50,75,100st	101st-200st	201-300st	301-400st	25st	50,75,100st	101st-200st	201-300st	301-400st
40	13	18	16	10	72	38	50	4	4.5	3	6	M8×1.25×16 dp	24	48	124	200	300	34	46	84	122	172
50	9	21.5	20	12	92	47	66	5	6	4	8	M10×1.5×20 dp	24	48	124	—	—	36	48	86	—	—
63	14	28	20	12	110	55	80	5	6	4	8	M10×1.5×20 dp	28	52	128	—	—	38	50	88	—	—

MCGS-03

Code Tube I.D.	L		L2			Q
	25,50st	51st~	25,50st	51-200st	201-400st	
40	97	102	31	36	63.5	ø20
50	106.5	118	34.5	46	—	ø25
63	106.5	118	29.5	41	—	ø25

MCGS-23

Code	L			L2				Q
Tube I.D.	25,50st	75,100st	101st~	25,50st	75,100st	101~200st	201~400st	
40	81	98	118	15	32	52	72.5	ø16
50	93	114	134	21	42	62	—	ø20
63	93	114	134	16	37	57	—	ø20

After

Dimension Add stroke 201~400

MCGS-03 / MCGS-23

Code Tube I.D.	A	B	B1	B2	C	D	DD	E	E1	F	G	GA	GB	GC	H	K	K1	L1	M	N1	P
40	120	54	27	27	106	M8×1.25	M8×1.25×20 dp	104	30	44	86	14	10	14	40	118	12	44	ø6.6thru, ø11×7.5dp	22	Rc1/8
50	148	64	32	32	130	M10×1.5	M10×1.5×22 dp	130	40	60	110	14	11	12	46	146	16	44	ø8.6thru, ø14×9dp	24	Rc1/4
63	162	78	39	39	142	M10×1.5	M10×1.5×22 dp	130	50	70	124	16.5	13.5	16.5	58	158	16	49	ø8.6thru, ø14×9dp	24	Rc1/4

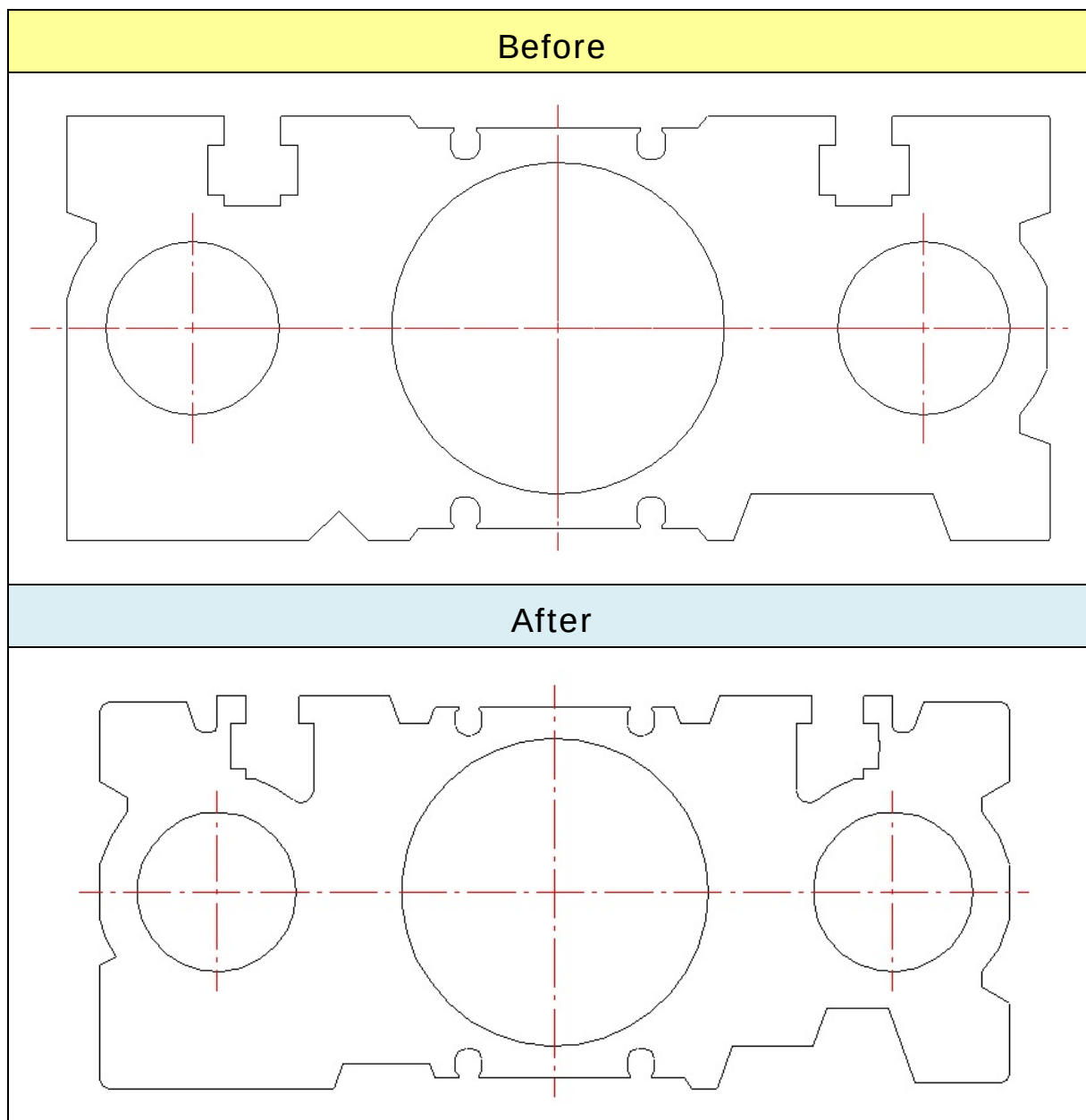
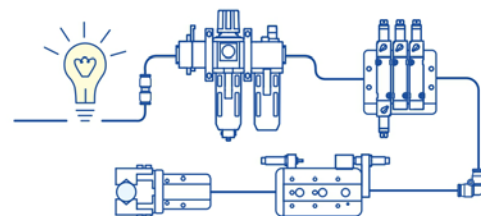
Code Tube I.D.	PA	PB	Q1	S	VB	W	X	XA ^{H7}	XB	XC	XL	YY	N2				WB					
													25st	50,75,100st	101st-200st	201-300st	301-400st	25st	50,75,100st	101st-200st	201-300st	301-400st
40	13	18	16	10	72	38	50	4	4.5	3	6	M8×1.25×16 dp	24	48	124	200	300	34	46	84	122	172
50	9	21.5	20	12	92	47	66	5	6	4	8	M10×1.5×20 dp	24	48	124	200	300	36	48	86	124	174
63	14	28	20	12	110	55	80	5	6	4	8	M10×1.5×20 dp	28	52	128	—	—	38	50	88	—	—

MCGS-03

Code Tube I.D.	L		L2			Q
	25,50st	51st~	25,50st	51-200st	201-400st	
40	97	102	31	36	63.5	ø20
50	106.5	118	34.5	46	78.5	ø25
63	106.5	118	29.5	41	—	ø25

MCGS-23

Code	L			L2				Q
Tube I.D.	25,50st	75,100st	101st~	25,50st	75,100st	101~200st	201~400st	
40	81	98	118	15	32	52	72.5	ø16
50	93	114	134	21	42	62	87.5	ø20
63	93	114	134	16	37	57	—	ø20



4. Effective Date

- 4-1. MCGS-03/23/07/27-50 with stroke less than 150 mm will be alternate to new body profile after March 3th.
- 4-2. MCGS-03/23/07/27-50 with stroke longer than 150 mm will be available with new body profile after March 3th.

5. Other

If there Is Any Question, Please Contact Our Sales Representative.