



2017/04/28

MCGS - 03/23 - Ø40 Twin-Guide Cylinder

Add 150 ~ 400 Stroke Notice

Thanks for supporting mindman products.

MCGS - 03/23 - Ø40 will have following changes. Please be noted , thank you.

1. Model series

MCGS - 03/23 - Ø40

2. Reason

In order to meet market demand to add in 150 ~ 400 stroke.

3. Design change

Before

Without stroke 150 ~ 400

Table for standard stroke

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
03	Slide bearing	φ12																
		φ16																
		φ20																
		φ25																
		φ32*																
		φ40																
		φ50																
23	Linear bush bearing	φ63																
		φ12																
		φ16																
		φ20																
		φ25																
		φ32*																
		φ40																
		φ50																
		φ63																

After

Add stroke 150 ~ 400

Table for standard stroke

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
03	Slide bearing	φ12																
		φ16																
		φ20																
		φ25																
		φ32*																
		φ40																
		φ50																
23	Linear bush bearing	φ63																
		φ12																
		φ16																
		φ20																
		φ25																
		φ32*																
		φ40																
		φ50																
		φ63																



Before

Dimension Without stroke 150 ~ 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
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	φ 6.6thru, φ 11×7.5dp	22
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	φ 8.6thru, φ 14×9dp	24
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	φ 8.6thru, φ 14×9 dp	24

Code Tube I.D.	P	PA	PB	Q1	S	VB	W	X	XA ^{H7}	XB	XC	XL	YY	N2			WB		
														25st	50,75,100st	101st~	25st	50,75,100st	101st~
40	Rc1/8	13	18	16	10	72	38	50	4	4.5	3	6	M8×1.25×16 dp	24	48	124	34	46	84
50	Rc1/4	9	21.5	20	12	92	47	66	5	6	4	8	M10×1.5×20 dp	24	48	124	36	48	86
63	Rc1/4	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	L		L2		Q
Tube I.D.	25,50st	51st~	25,50st	51st~	
40	97	102	31	36	φ 20
50	106.5	118	34.5	46	φ 25
63	106.5	118	29.5	41	φ 25

MCGS-23

Code	L			L2			Q
Tube I.D.	25,50st	75,100st	101st~	25,50st	75,100st	101st~	
40	81	98	118	15	32	52	φ 16
50	93	114	134	21	42	62	φ 20
63	93	114	134	16	37	57	φ 20

After

Dimension Add stroke 150 ~ 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	φ 6.6thru, φ 11×7.5dp	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	φ 8.6thru, φ 14×9dp	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	φ 8.6thru, φ 14×9 dp	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	101~200st	201~300st	301~400st	25st	50,75,100st	101~200st	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	L		L2			Q
Tube I.D.	25,50st	51st以上	25,50st	51~200st	201st~400st	
40	97	102	31	36	63.5	φ 20
50	106.5	118	34.5	46	—	φ 25
63	106.5	118	29.5	41	—	φ 25

MCGS-23

Code	L			L2				Q
Tube I.D.	25,50st	75,100st	101st以上	25,50st	75,100st	51~200st	201st~400st	
40	81	98	118	15	32	52	72.5	φ 16
50	93	114	134	21	42	62	—	φ 20
63	93	114	134	16	37	57	—	φ 20

4.Effective Date

Since June 15, 2017.

5.Other

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