

# Made to Order Common Specifications: -XC56: With Knock Pin Holes



## 46 With Knock Pin Holes

Symbol  
**-XC56**

Cylinder with knock positioning pin hole.

### Applicable Series

Series	Description	Model	Action	Note	Vol. no. (for std. model)
MGPW	Compact guide cylinder	MGPW	Double acting		Web Catalog
MGG	Guide cylinder	MGG <sup>M</sup> B	Double acting	For basic type only	
MGC	Guide cylinder	MGC <sup>M</sup> B	Double acting	For basic type only	
MGQ	Compact guide cylinder	MGQ	Double acting	For basic type only	
MY	Mechanically jointed rodless cylinder	MY1H-Z	Linear guide		
		MY1C	Cam follower guide		
		MY1H	Linear guide		
		MY2H	Linear guide type (Single axis)		
		MY2HT	Linear guide type (Double axis)		

### How to Order

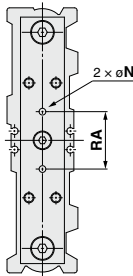
Standard model no. **-XC56**  
 With knock pin holes

Specifications: Same as standard type

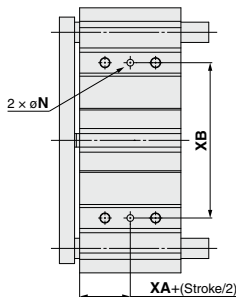
**Dimensions** (Dimensions other than below are the same as standard type.)

MGPW series  
 ø20 to ø63

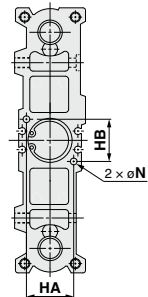
Upper view of plate



Side view (lower surface) of cylinder



Bottom view of cylinder



### MGPW Series

(mm)

Bore size (mm)	HA	HB	N	RA	XA	XB
20	25±0.02	25±0.02	3 <sup>H7</sup> / <sub>0</sub> <sup>+0.010</sup> depth 6	28±0.02	17	76±0.03
25	28±0.02	28±0.02	4 <sup>H7</sup> / <sub>0</sub> <sup>+0.012</sup> depth 6	34±0.02	18	92±0.03
32	34±0.02	34±0.02	4 <sup>H7</sup> / <sub>0</sub> <sup>+0.012</sup> depth 6	42±0.02	19	112±0.03
40	38±0.02	38±0.02	4 <sup>H7</sup> / <sub>0</sub> <sup>+0.012</sup> depth 6	50±0.02	21	128±0.04
50	49±0.02	49±0.02	5 <sup>H7</sup> / <sub>0</sub> <sup>+0.012</sup> depth 8	66±0.03	21	168±0.04
63	58±0.03	58±0.03	5 <sup>H7</sup> / <sub>0</sub> <sup>+0.012</sup> depth 8	80±0.03	25	196±0.04

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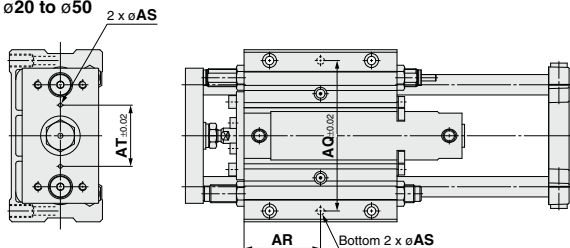


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Dimensions (Dimensions other than below are the same as standard type.)

### MGG series ø20 to ø50

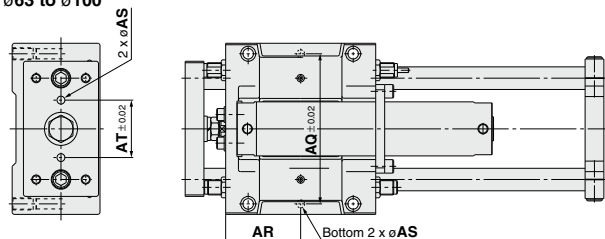


### MGG Series

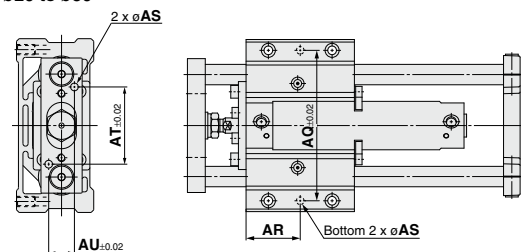
(mm)

Bore size (mm)	AQ	AR	AS	AT
20	92	45	$5^{+0.012}_0$ depth 6	36
25	113	50	$6^{+0.012}_0$ depth 8	45
32	118	60	$6^{+0.012}_0$ depth 8	48
40	150	70	$8^{+0.015}_0$ depth 11	56
50	170	85	$10^{+0.015}_0$ depth 13	68
63	200	100	$10^{+0.015}_0$ depth 13	74
80	234	115	$12^{+0.018}_0$ depth 15	92
100	274	140	$12^{+0.018}_0$ depth 15	106

### ø63 to ø100



### MGC series ø20 to ø50

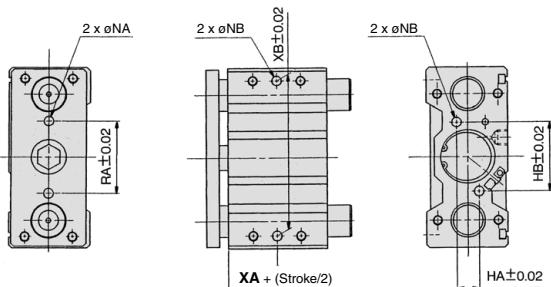


### MGC Series

(mm)

Bore size (mm)	AQ	AR	AS	AT	AU
20	90	37.5	$5^{+0.012}_0$ depth 6	45	15
25	103	40	$6^{+0.012}_0$ depth 8	55	20
32	118	42.5	$6^{+0.012}_0$ depth 8	60	20
40	140	47.5	$8^{+0.013}_0$ depth 11	70	22
50	170	65	$8^{+0.015}_0$ depth 11	85	30

### MGQ series



### MGQ Series

(mm)

Bore size (mm)	HA	HB	NA	NB	RA	XA	XB
12	0	19	$3^{+0.012}_0$ depth 4	$3^{+0.012}_0$ depth 4	21	14.5	50
16	7	22	$3^{+0.012}_0$ depth 4	$3^{+0.012}_0$ depth 4	22	16.5	54
20	9	26	$4^{+0.012}_0$ depth 5	$4^{+0.012}_0$ depth 5	28	18	64
25	12	30	$4^{+0.012}_0$ depth 5	$6^{+0.012}_0$ depth 5	34	19	76
32	14	44	$6^{+0.012}_0$ through	$6^{+0.012}_0$ depth 8	46	18.5	100
40	14	54	$6^{+0.012}_0$ through	$6^{+0.012}_0$ depth 8	50	22	110
50	20	62	$8^{+0.012}_0$ through	$8^{+0.012}_0$ depth 11	56	22	124
63	30	74	$8^{+0.012}_0$ through	$8^{+0.012}_0$ depth 11	66	24	132
80	36	94	$10^{+0.012}_0$ through	$10^{+0.012}_0$ depth 13	84	28.5	166
100	40	116	$10^{+0.012}_0$ through	$10^{+0.012}_0$ depth 13	110	32.5	200

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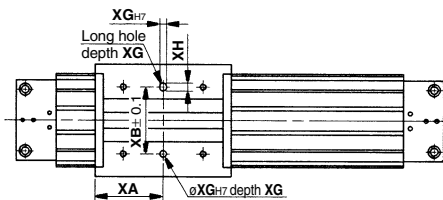


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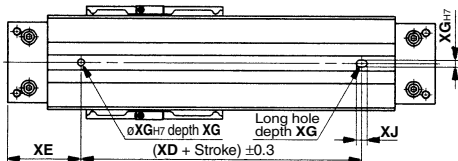
Symbol  
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**Dimensions** (Dimensions other than below are the same as standard type.)

### MY1C series



Mounting surface of a workpiece for the slide table



Mounting surface of cylinder tube

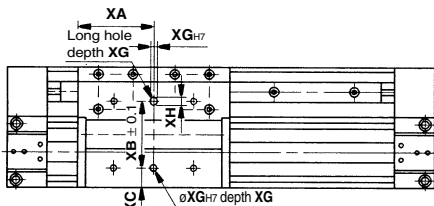
(mm)							
Bore size (mm)	XA	XB	XD	XE	XG	XH	XJ
16	40	40	80	40	4	5	9
20	50	40	100	50	4	5	9
25	51	50	110	55	5	6	10
32	66	60	140	70	6	7	11
40	81	80	180	80	6	7	11
50	100	90	230	85	8	9	13
63	115	110	280	90	10	10	15

### MY1H-Z series

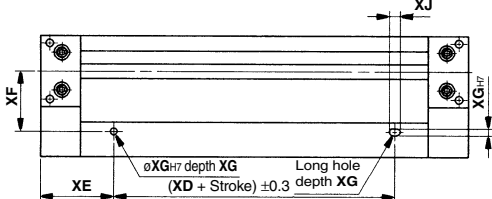
ø25, ø32, ø40

### MY1H series

ø10, ø16, ø20



Mounting surface of a workpiece for the slide table



Mounting surface of cylinder tube

(mm)					
Bore size (mm)	XA	XB	XC	XD	XE
10	25	33	3.5	70	20
16	40	40	7.5	80	40
20	50	40	14.5	100	50
25	57	50	14.5	110	55
32	70	60	15	140	70
40	85	80	20.5	180	80

Bore size (mm)	XF	XG	XH	XJ
10	21.5	3	4	5
16	30	4	5	7
20	39	4	5	7
25	45	5	6	8
32	60	6	7	9
40	60.5	6	7	9

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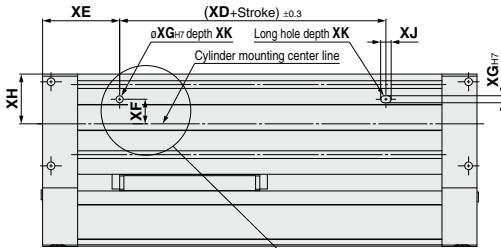
### MY2H series

ø16, ø25, ø40

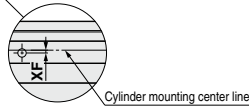
### MY2HT series

ø16, ø25, ø40

\* The workpiece mounting surface of the slide table supports knock pin holes as standard.



Mounting surface of  
cylinder tube



MY2HT16, 25

### MY2H series (mm)

Bore size (mm)	XD	XE	XF	XG	XH	XJ	XK
16	80	40	11.5	4	23.5	6	5
25	100	55	17.5	5	35.5	7.5	5
40	170	80	25.5	6	45.5	9	8

### MY2HT series (mm)

Bore size (mm)	XD	XE	XF	XG	XH	XJ	XK
16	80	40	3.5	5	43	7.5	5
25	100	55	2	6	61	9	8
40	170	80	3	8	75	12	12