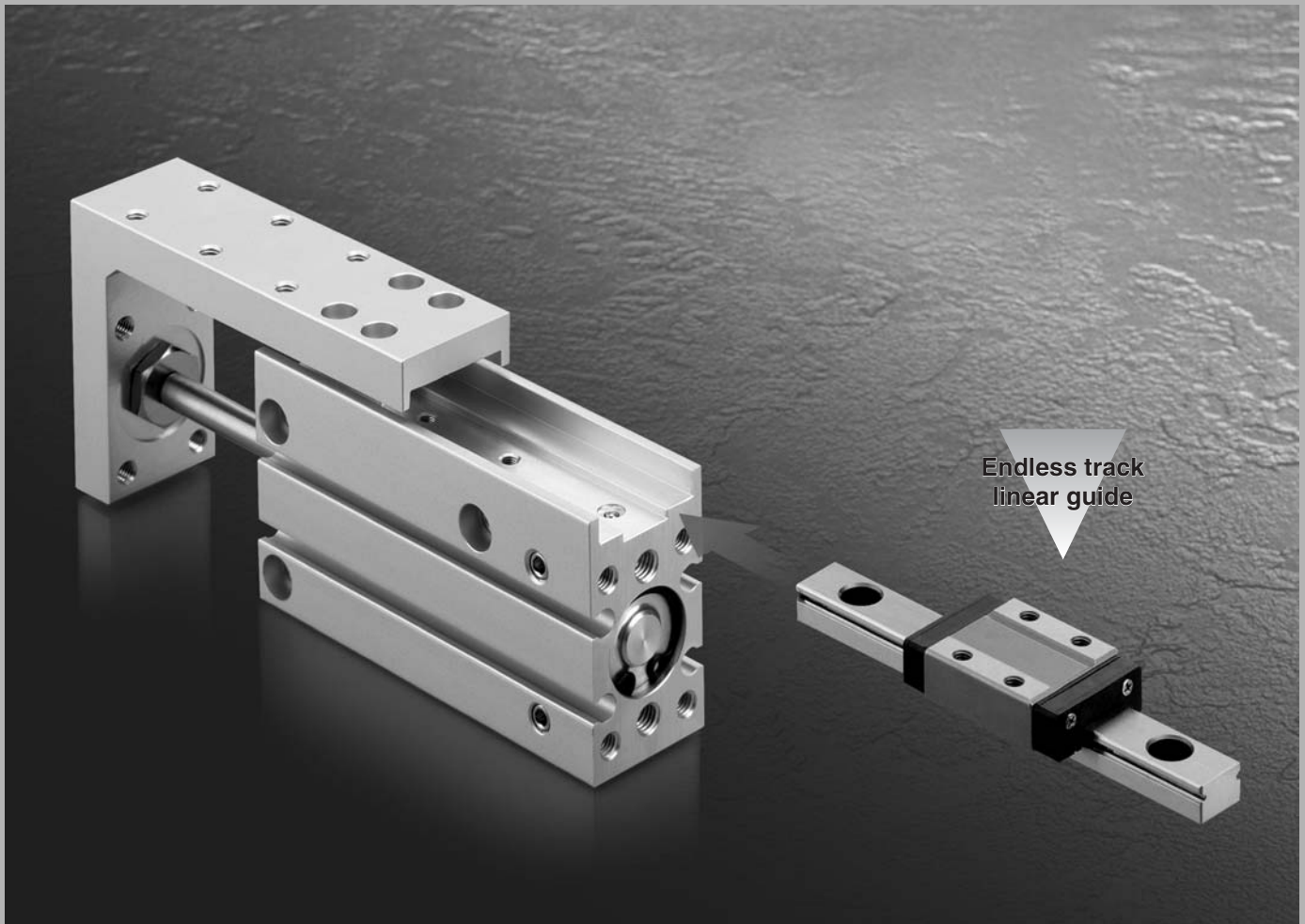


# Compact Slide

## Series MXH

ø6, ø10, ø16, ø20

The use of an endless track linear guide produces a table cylinder having excellent rigidity, linearity and non-rotating accuracy.



MXH

MXU

MXS

MXQ

MXF

MXW

MXJ

MXP

MXY

MTS

### Series Variations

Model	Bore size (mm)	Standard stroke (mm)								Made to Order	
		5	10	15	20	25	30	40	50		60
MXH6	6	●	●	●	●	●	●	●	●	●	<ul style="list-style-type: none"> <li>• -XB13 : Low-speed cylinder (5 to 50 mm/s)</li> <li>• -XC3□ : Special port positions</li> <li>• -XC19 : Intermediate stroke (Spacer type)</li> <li>• -XC22 : Fluororubber seals</li> <li>• -XC79 : Tapped hole, drilled hole, pinned hole machined additionally</li> </ul>
MXH10	10	●	●	●	●	●	●	●	●	●	
MXH16	16	●	●	●	●	●	●	●	●	●	
MXH20	20	●	●	●	●	●	●	●	●	●	

D-□

-X□

Individual  
-X□

## Specifications



**Made to Order**  
(Refer to pages 1847, and 1851 to 1954 for details.)

Symbol	Specifications
-XB13	Low-speed cylinder (5 to 50 mm/s)
-XC3	Special port positions
-XC19	Intermediate stroke (Spacer type)
-XC22	Fluororubber seals
-XC79	Tapped hole, drilled hole, pinned hole machined additionally

Bore size (mm)	6	10	16	20
Guide rail width (mm)	5	7	9	12
Fluid	Air			
Action	Double acting			
Piping port size	M5 x 0.8			
Minimum operating pressure	0.15 MPa	0.06 MPa		0.05 MPa
Maximum operating pressure	0.7 MPa			
Proof pressure	1.05 MPa			
Ambient and fluid temperature	Without auto switch: -10 to 70°C (No freezing) With auto switch: -10 to 60°C (No freezing)			
Piston speed	50 to 500 mm/s			
Allowable kinetic energy (J)	0.0125	0.025	0.05	0.1
Lubrication	Non-lube			
Cushion	Rubber bumper on both ends			
Stroke length tolerance	+1.0 0			
Auto switch (Option)	Reed auto switch: D-A9□ Solid state auto switch: D-M9□, D-M9□W			

## Standard Stroke

Bore size (mm)	Standard stroke (mm)
6, 10, 16, 20	5, 10, 15, 20, 25, 30, 40, 50, 60

Note: Intermediate strokes are available with "Made to Order" models (-XC19). (For details, see page 1916.)

## Theoretical Output

Bore size (mm)	Rod size (mm)	Operating direction	Piston area (mm <sup>2</sup> )	Operating pressure (MPa)		
				0.3	0.5	0.7
6	3	OUT	28.3	8.49	14.2	19.8
		IN	21.2	6.36	10.6	14.8
10	4	OUT	78.5	23.6	39.3	55.0
		IN	66.0	19.8	33.0	46.2
16	6	OUT	201	60.3	101	141
		IN	172	51.6	86.0	121
20	8	OUT	314	94.2	157	220
		IN	264	79.2	132	185

## Mass

Model	Stroke (mm)								
	5	10	15	20	25	30	40	50	60
MXH6	62	67	76	81	91	96	111	125	140
MXH10	117	125	140	148	162	170	192	215	238
MXH16	216	227	247	258	279	290	323	353	386
MXH20	437	455	486	505	542	560	597	656	700

MXH

MXU

MXS

MXQ

MXF

MXW

MXJ

MXP

MXY

MTS

(N)

(g)

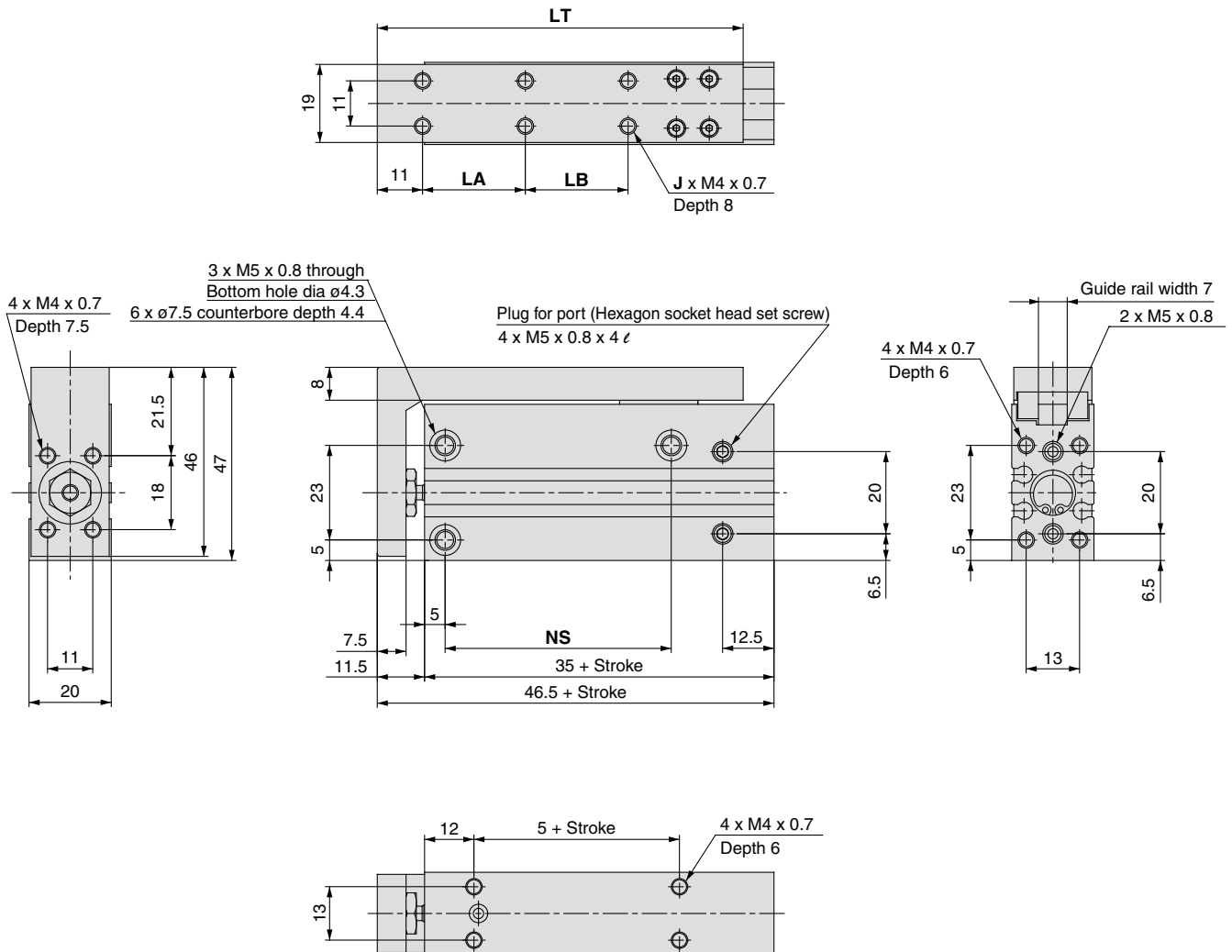
D-□

-X□

Individual  
-X□

# Series MXH

## Dimensions: $\phi 10$



Stroke (mm)	J	LA	LB	LT	NS
5	4	10	—	49	14
10	4	10	—	49	14
15	4	20	—	59	24
20	4	20	—	59	24
25	4	30	—	69	30
30	4	30	—	69	30
40	6	20	20	79	45
50	6	25	25	89	55
60	6	30	30	99	60