

HMA Series Miniature Parallel Hand

Light Weight Compact Size

Key Features

■ Integral compact body

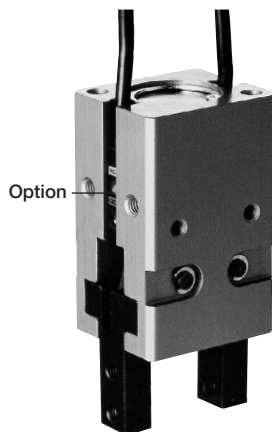
Simple design and low cost via cylinder integrated structure

■ Various sizes

HMA series offer total 5 sizes (dia.10, dia.12, dia.16, dia.20, dia.25 in cylinder diameter) for numerous areas of application.

■ Various options

Switch slots available for sensing jaw position (open or closed)



HMA-04AS

How To Order

Standard ----- HMA-01AS

Option ----- HMA - **01AS** - **ET3S2** - **SU**

HMA-01AS-SU (HMA-01AS, of which iron material is replaced with stainless steel) with 2 of ET3 non-contact reed switches

Size	
Symbol	
01AS	
02AS	
03AS	
04AS	
05AS	

Sensor, Quantity			
Symbol	Name	Symbol	Name
ET3	Non-Contact 3-Lead	S2	2 Sensors
ET3L	Non-Contact 3-Lead		
ET2	Non-Contact 2-Lead		
ET2L	Non-Contact 2-Lead		
S1	1 Sensor		

Option			
Symbol	Name	Symbol	Name
NO	Normally Open		
NC	Normally Closed		
SU	Stainless Steel for Iron Material		
PF	Air Port Position Change		

For sensor detail ▶ 277P

For option detail ▶ 36P

Specification

Model	HMA-01AS For Layout Drawing ▶ 71P	HMA-02AS For Layout Drawing ▶ 71P	HMA-03AS For Layout Drawing ▶ 72P	HMA-04AS For Layout Drawing ▶ 72P	HMA-05AS For Layout Drawing ▶ 73P
Working Pressure	Pneumatic: 0.3 to 0.7MPa				
Lubrication	Not Required or Turbine Oil Class 1 (ISOVG32)				
Ambient Temperature (°C)	5 to 60				
Total Jaw Stroke (mm)	5	7	9	11	15
Cylinder Diameter (mm)	dia.10	dia.12	dia.16	dia.20	dia.25
Rod Diameter (mm)	dia.5	dia.6	dia.8	dia.10	dia.12
Internal Volume [Reciprocation] (cm ³ /time)	0.32	0.69	1.58	2.89	6.32
Repeatability (mm)	±0.03				
Weight (g)	75	100	140	175	300