180° Angular Style Air Gripper Cam Style Series MHY2

Specifications

Fluid	Air		
Operating pressure	0.1 to 0.6 MPa		
Ambient and fluid temperature	-10 to 60°C		
Repeatability	±0.2 mm		
Max. operating frequency	60 c.p.m.		
Lubrication	Not required		
Action	Double acting		
Auto switch (Option) Note)	Solid state auto switch (3-wire, 2-wire)		

Note) Refer to pages 761 to 809 for further information on auto switches.

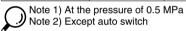
JIS Symbol

Double acting



Model

Model	Bore size	Effective gripping force (1)			Mass (2)
Wodel	(mm)	(N·m)	Opening side	Closing side	(g)
MHY2-10D	10	0.16	180°	-3°	70
MHY2-16D	16	0.54			150
MHY2-20D	20	1.10			320
MHY2-25D	25	2.28			560





- Refer to "How to Select the Applicable Model" on page 658.
 Refer to pages 658 and 659 for the details on effective holding force and allowable overhanging distance.



Made to Order

(Refer to pages 683 to 713 for details.)

Symbol	mbol Specifications/Description	
-X4	(4 Heat resistance (100°C)	
-X5	Fluororubber seal	
-X50	Without magnet	
-X53	EPDM for seals, Fluorine grease	
-X63	Fluorine grease	
-X79	Grease for food	

MHZ

MHF

MHL

MHR

MHK

MHS MHC

MHT

MHY

MHW

-X□

MRHQ

MA





Dimensions

MHY2-10D Pin hole positioning 2 x M3 x 0.5 thread depth 4 4 x M3 x 0.5 through (Mounting thread) 3H9⁺ 0.025 depth 3 (Thread for mounting attachment) 6 -0.005 4 x M3 x 0.5 thread depth 6 (Mounting thread) 2 x ø3.4 through 2 x M3 x 0.5 depth 6 (Mounting hole) (Mounting thread) (Limted area for mounting attachment*) 22 24 8 18 23.5 ø11H9 + 0.043 depth 1.5 Positioning pin hole Φ-47.5 15 58 **Auto Switch Mounting** M5 x 0.8 **Groove Dimensions** (Finger opening port) M5 x 0.8 (Finger closing port) MHY2-10D2 **Opening/Closing direction** 4 x ø3.4 through (Hole for mounting attachment) through-hole type (Limted area for mounting attachment*) Φ

^{*} Do not extend the attachment from limited area for mounting to avoid interference with the attachment or main body.



MHZ

MHF

MHL

MHR

MHK

MHS

MHC

MHT

MHY

MHW

-X□

MRHQ

MA

D-□