

### Features

The special coating on the actuator provides fast and stable response.



### Specifications

Item	MAGD*-R-HD-0	MAGD*-R-HD-1
Working fluid	Inert gas/process gas	
Working pressure Pa(abs) to MPa(G)	1.3 x 10 <sup>-6</sup> to 0.99	
Fluid temperature °C	5 to 80	
Operating ambient temperature °C	5 to 80	
Storage ambient temperature °C	-10 to 80	
Valve seat leakage Pam <sup>3</sup> /s(He)	1.0 x 10 <sup>-10</sup> or less (initial) 1.3 x 10 <sup>-9</sup> or less (after operation)	
External leakage Pam <sup>3</sup> /s(He)	2.8 x 10 <sup>-12</sup> or less	
Cv(23°C under pressurization)	0.1	0.26
Connection	Flange that supports an integrated gas supply system (W seal)	
Operating pressure MPa	NC 0.4 to 0.6 NO 0.4 to 0.5	
Operating port	M5	
Durability	Guaranteed: 10 million cycles (actual: 30 million cycles or more)	

### Specifications

Item	MAGD*-HDF-1	MAGD*-HDF-2
Working fluid	Inert gas/process gas	
Working pressure Pa(abs) to MPa(G)	1.3 x 10 <sup>-6</sup> to 0.5	1.3 x 10 <sup>-6</sup> to 0.99
Fluid temperature °C	20 to 200	
Operating ambient temperature °C	20 to 150	
Storage ambient temperature °C	-10 to 80	
Valve seat leakage Pam <sup>3</sup> /s(He)	1.0 x 10 <sup>-10</sup> or less (at 23°C)	
External leakage Pam <sup>3</sup> /s(He)	2.8 x 10 <sup>-12</sup> or less	
Cv(23°C under pressurization)	0.3	0.65
Connection	Flange that supports an integrated gas supply system (W seal, C seal)	
Operating pressure MPa	NC 0.4 to 0.6 NO 0.4 to 0.5	
Operating port	M5	
Durability	Guaranteed: 10 million cycles (actual: 30 million cycles or more)	

### Specifications

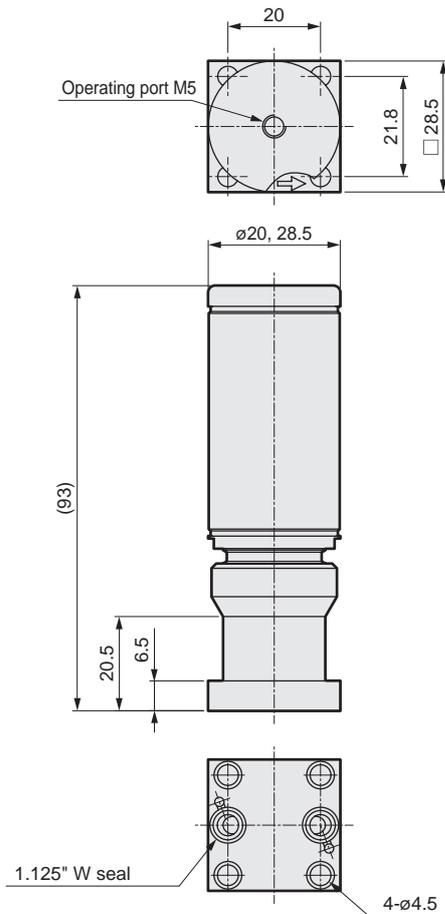
Item	MAGD*-A
Working fluid	Inert gas/process gas
Working pressure Pa(abs)-MPa(G)	1.3 x 10 <sup>-6</sup> to 0.5
Fluid temperature °C	150 to 200 (*1)
Operating ambient temperature °C	20 to 150
Storage ambient temperature °C	-10 to 80
Valve seat leakage Pam <sup>3</sup> /s(He)	1 x 10 <sup>-7</sup> or less (at 200°C)
External leakage Pam <sup>3</sup> /s(He)	2.8 x 10 <sup>-12</sup> or less
Cv (200°C, negative pressure)	0.4 and over
Connection	Flange that supports an integrated gas supply system (W seal, C seal)
Actuation	NC (Normally Closed)
Operating pressure MPa	0.4 to 0.6
Operating port	M5 *2
Durability	Guaranteed: 10 million cycles (actual: 100 million cycles or more)

\*1: 150°C or less actuator part

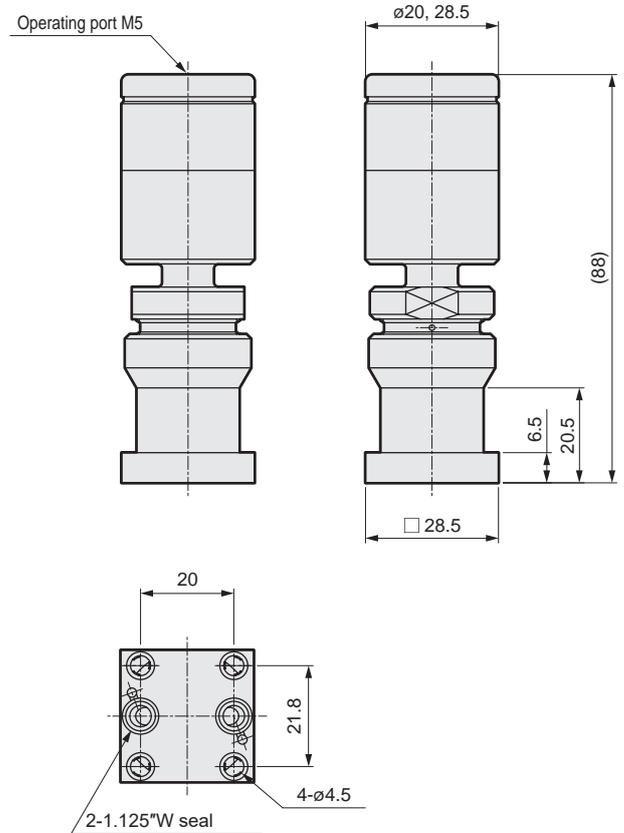
\*2: With optional ø4 push-in fitting

## Dimensions

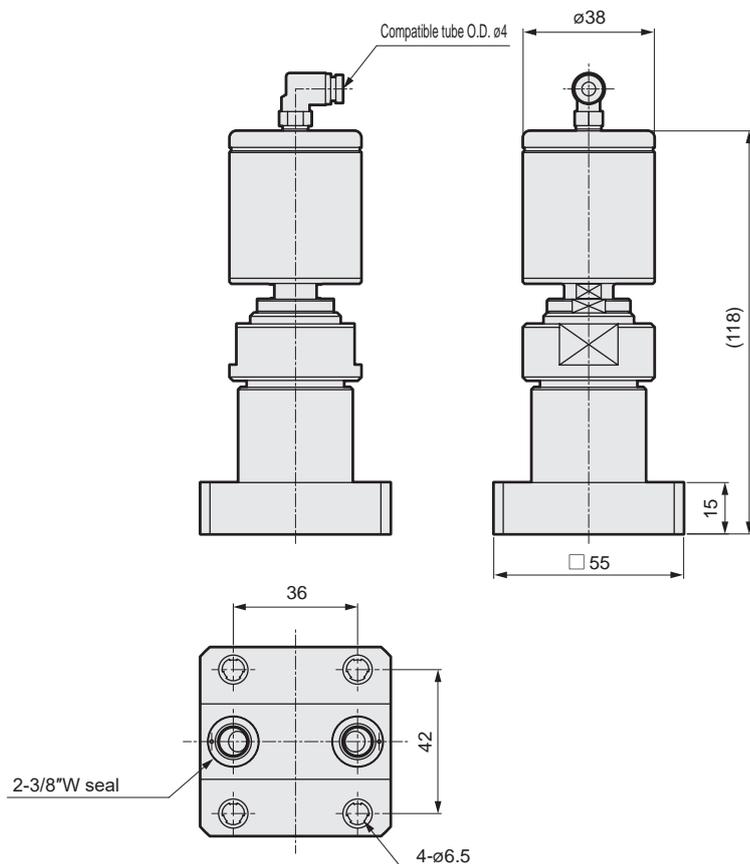
●MAGD5-R-HD-11D



●MAGD5-HDF-11D



●MAGD4-A



LGD Series	AGD/OGD/ MGD-R Series	High durability	Other valves for process gas	Regulator	Integrated gas supply system	Safety precautions	Air operated valve	Manual valve	Vacuum pressure control valves	Safety precautions	Related products
Components for process gases											
High vacuum components											