



2, 3 port electric ball valve

## MINIATURE MOTOR VALVE MHB4-MHG4 SERIES

• Port size : Rc3/8, Rc1/2, Rc3/4, Rc1

### Common specifications

Descriptions		MHB4/MHG4
Working fluid	MPa	Water, hot water, air, oil (500mm <sup>2</sup> /s or less)
Working pressure range	MPa	0 to 0.5
Withstanding pressure (water)	°C	1.0
Fluid temperature	°C	0 to 80 (no freezing)
Ambient temperature	%	-10 to 50
Ambient humidity	cm <sup>3</sup> /min	70 or less
Valve seat leakage		0 (under 0.5MPa water pressure)
Installation attitude		Limited from vertical to horizontal installation placing motor top
Rated voltage		AC100V(50/60Hz), AC200V(50/60Hz)
Apparent power (VA)	Holding Starting	AC100V
		AC200V
		AC100V
		AC200V
Power consumption	W	5
Cycle rate		1 cycle/min. or less

### Individual specifications

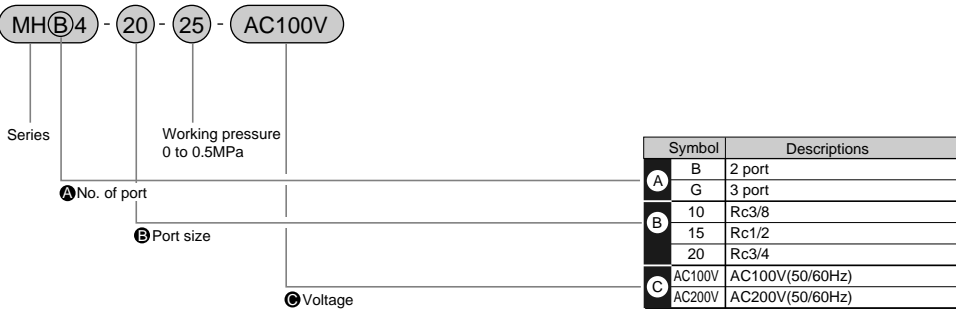
Descriptions		2 port valve			3 port valve		
		MHB4-10-25	MHB4-15-25	MHB4-20-25	MHG4-10-25	MHG4-15-25	MHG4-20-25
Port size		Rc3/8	Rc1/2	Rc3/4	Rc3/8	Rc1/2	Rc3/4
Orifice	mm	8	8	10	8	8	10
Cv flow factor		3.3	3.0	4.7	1.8	1.1	3.0
Operation time sec.	50Hz	4.5			9		
	60Hz	3.8			7.5		
Mass	kg	0.42	0.44	0.51	0.45	0.49	0.57
Pressurization direction		Any			Limited to Port C pressurized		

Note 1 : Allowable voltage range should be within  $\pm 10\%$  of rated voltage.

Note 2 : Consult with CKD about other than above specifications.

Note 3 : Only when vertical installation placing motor top, protection grade is JIS CO920 IPX2 " drip proof type II ".

How to order



<Example of model number>

MHB4-20-25-AC100V

Series : MHB4

A

No. of port : 2 port valve

B

Port size : Rc3/4

C

Voltage : AC100V (50/60Hz)