

High corrosion resistant direct acting 2-port solenoid valve

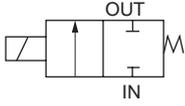
HB-FP2 Series

- NC (Normally Closed)
- Working fluid: Water/pure water/chemical liquids
- Port size: Rc1/8, Rc1/4, Rc3/8



JIS symbol

- NC (Normally Closed)



Common specifications

Item	HB31/41
Working fluid	Water/pure water/chemical liquids (fluids that do not corrode wetted part materials)
Working pressure MPa	0 to 0.4
Proof pressure (water pressure) MPa	2
Fluid temperature °C	-10 to 60 (no freezing)
Valve seat leakage cm ³ /min	0 (water pressure)
Mounting orientation	Unrestricted
Degree of protection	IP 65 or equiv.
Electrical specifications	
Rated voltage	100 VAC(50/60Hz), 200 VAC(50/60Hz), 24 VDC

*1: The AC rated voltage will be converted to DC by the diode integrated into the coil.

*2: Always read the precautions in "General Purpose Valves (catalog No. CB-03-1SA)" before use.

Individual specifications

Item	Connection	Orifice size	Cv	Working pressure	Ambient temperature ¹	Power consumption	Weight (kg)
Model No.	Bore size	(mm)		(MPa)	(°C)	(w)	
HB31-6-3	Rc1/8	3.0	0.31	0 to 0.4	-20 to 60	11	0.52
HB31-8-3	Rc1/4						
HB41-8-5	Rc3/8	4.0	0.48				0.69
HB41-10-5							

How to order

HB31 - 6 - 3 - M - 5A FP2 - AC100V

HB41

A Model No.

B Port size

C Orifice size

D Body/sealant combination

E Coil housing

F Rated voltage

		A Model No.	
Code	Description	HB31	HB41
B Port size			
6	Rc1/8	●	
8	Rc1/4	●	●
10	Rc3/8		●
C Orifice size			
3	ø3	●	
5	ø4		●
D Body/sealant combination			
	Body	Seal	
M	Stainless steel	Fluoro rubber	● ●
E Coil housing			
3 A	Open frame	Lead wire	● ●
5 A	Open frame (diode integrated)	Lead wire	● ●
F Rated voltage			
AC100V	100 VAC	●	●
AC200V	200 VAC	●	●
DC24V	24 VDC	●	●

*1: The combinations indicated with ● above are available.

*2: E 100 VAC or 200 VAC for Item 5A, and 24 VDC for 3A.

For dimensions, refer to the HB Series in "General Purpose Valves (CB-03-1SA)".

Electric actuator
 Pneumatic cylinders
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 Pneumatic valves
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 Fluid control valves
 Main line components
 Anti-bacterial/bacteria-removing filter
 Vacuum components
 Fluid control valves