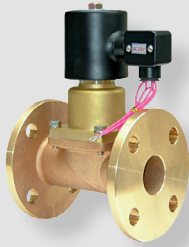




HKS3212BF, 4014BF, 5020BF



HKS 3212BF

Symbol	
N.C	
N.O	

How to Order

HKS 3212 BF - AC220V

① ② ③ ④

① Orifice & Port size

	Orifice	Port size
3212	Ø32	1 1/4
4014	Ø40	1 1/2
5020	Ø50	2

② Initial status

Nil	Normally close (Standard)
O	Normally open

③ Seal material

Nil	NBR	Standard
E	EPDM	Hot water 100℃
M	FPM	Chemical, Hot water 120℃

④ Voltage

AC220V	AC220V 50Hz/60Hz
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Specifications

Classification	Standard	Option	Classification	Standard	Option
Fluid	Air, Steam, Hot water		Voltage	AC220V 50/60Hz	
Fluid temp.	0 ~ 150℃	EPDM(100℃) FPM(120℃)			
Ambient temp.	50℃ (Max.)				
Pressure range	0~ 7kgf/cm ² (0 ~ 0.7MPa)	Vacuum(10 ⁻³ Torr)	Allowable voltage fluctuation	±10%(AC), ±5% (DC)	
Coil insulation	Class H		Power consumption	AC, DC : 30W	
Electrical connection	Termianal box lead wire G(PF1/2)		Body material	Brass	
End connection	JIS 10K FF		Seal material	PTFE + PISTON	EPDM FPM
Orifice	Ø32, Ø40, Ø50		Weight	Refer to the table below	

※ Not available in explosive atmosphere.

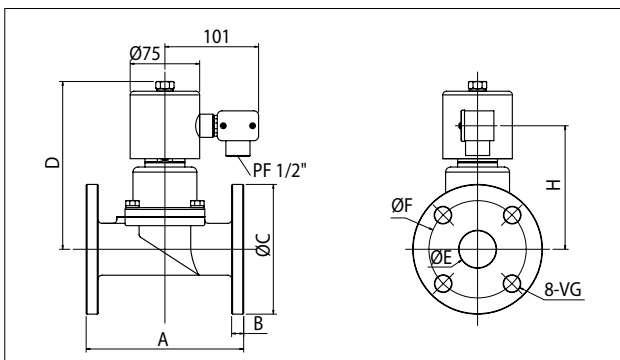
Features

- Piston pilot kick type-Direct acting type
- Operate in 0kgf/cm² of differential pressure (Vacuum)
- Seal material can be changed depending on fluid Specifications.
- Fire resistant structure, large capacity
- Horizontal pipe (30° or less) installation
- Terminal box type electrical connection

Applications

- Building humidifier
- Industrial cleaner
- Water purifier
- Sterilizer
- Boiler

Dimensions



Model	A	B	C	D	E	F	G	H	Weight (kg)
HKS 3212BF	170	13	Ø135	181	Ø40	Ø100	Ø18	133	7.70
HKS 4014BF	180	13	Ø140	181	Ø40	Ø105	Ø18	133	7.86
HKS 5020BF	180	14	Ø155	186	Ø50	Ø120	Ø18	138	9.70