

Brass 2/2 Solenoid Vave Normaly Close/Open



SPECIFICATION

Model	Port Size	Efective Area(mm ²)	Option/ Pressure	Fluid	Votage	Temp.
2W025-06	PT1/8	2.5	Direct Operate 0 - 7 Bar	Air	DC 12V	-5 - 85°C
2W025-08	PT1/4	2.5		Water	DC 24V	
2W040-10	PT3/8	4	Diaphram Type 0.3 - 10 Bar	Oil	AC 24V	
2W160-10	PT3/8	16			Gas	
2W160-15	PT1/2	16		AC 220V		
2W200-20	PT3/4	20				
2W250-25	PT 1	25				
2W350-35	PT1-1/4	35				
2W400-40	PT1-1/2	40				
2W500-50	PT 2	50				

**Stainless 2/2 Solenoid Vave Normally Close &
Brass&Stainless 2/2 Solenoid Vave Normally Close**



SPECIFICATION

Model	Port Size	Efective Area(mm ²)	Option/ Pressure	Fluid	Votage	Temp.
2WB025-06	PT1/8	2.5	PTFE Diaphram 0 - 10 Bar	Air	DC 12V DC 24V AC 24V AC 110V AC 220V	-5 - 130°C
2WB025-08	PT1/4	2.5				
2WB040-10	PT3/8	4				
2WB160-10	PT3/8	16		Hot Water		
2WB160-15	PT1/2	16				
2WB200-20	PT3/4	20		Hot Oil		
2WB250-25	PT 1	25		Steam		
2WB350-35	PT1-1/4	35				
2WB400-40	PT1-1/2	40				
2WB500-50	PT 2	50				

Model	Port Size	Efective Area(mm ²)	Option/ Pressure	Fluid	Votage	Temp.
2WBF160-15	DN15	16	PTFE Diaphram 0 - 16 Bar	Air	DC 12V DC 24V AC 24V AC 110V AC 220V	-5 - 130°C
2WBF200-20	DN20	20				
2WBF250-25	DN25	25		Hot Water		
2WBF350-35	DN35	35				
2WBF400-40	DN40	40		Hot Oil		
2WBF500-50	DN50	50		Steam		

Stainless 2/2 Pneumatic Piston Valve



SPECIFICATION

Model	Port Size	Effective Area(mm ²)	Acting	Fluid	Flow Direction	Temp.
PV-04	1/2"	15	Single Acting	Air Water	A: Above The seat	PTFE Seal -5 - 185°C
PV-06	3/4"	20				
PV-10	1"	25				
PV-12	1-1/4"	32	Double Acting	Oil Gas	B: Below The seat	
PV-14	1-1/2"	40				
PV-20	2"	50				

Pneumatic Actuator With 3PC Ball Valve



SPECIFICATION

Model	Port Size	Actuator Bore	Acting	Fluid	Conection Type	Temp.
BVA-15(F)	1/2"	B52	Single Acting	Air	Screw Type	-23 - 180°C PTFE Seal
BVA-20(F)	3/4"	B52				
BVA-25(F)	1"	B52				
BVA-32(F)	1-1/4"	B63	Double Acting	Hot Water Hot Oil Steam	F: Flange Type JIS DIN ANSI	
BVA-40(F)	1-1/2"	B63				
BVA-50(F)	2"	B75				
BVA-65(F)	2-1/2"	B83				
BVA-80(F)	3"	B105				
BVA-100(F)	4"	B125				

Pneumatic Actuator With Butterfly Valve



SPECIFICATION

Model	Port Size	Actuator Bore	Acting	Fluid	Conection Type	Seat
BTVA-40	1-1/2"	B52	Single Acting	Air	Universall flange Type	:NBR :EPDM :White EPDM :PTFE :Viton
BTVA-50	2"	B63				
BTVA-65	2-1/2"	B63				
BTVA-80	3"	B63				
BTVA-100	4"	B75	Double Acting	Water		
BTVA-125	5"	B83				
BTVA-150	6"	B105				
BTVA-200	8"	B125				
BTVA-250	10"	B140				
BTVA-300	12"	B160		Oil		

3/2 Solenoid Valve Normaly Close/Open



SPECIFICATION

Model	Port Size	Efective Area(mm ²)	Position &Coil	Pressure Bar	Votage	Temp.
3V110-M5	M5	5.5	3 Port	1.5 - 9.0	DC 12V DC 24V	-5 - 60°C
3V110-06	1/8"	12				
3V210-06	1/8"	14				
3V210-08	1/4"	16	2 Position		AC 24V AC 110V AC 220V	
3V310-08	1/4"	25				
3V310-10	3/8"	30	Single coil			
3V410-15	1/2"	30				

5/2 Solenoid Valve



SPECIFICATION

Model	Port Size	Effective Area(mm ²)	Position &Coil	Pressure (Bar)	Voltage	Temp.
4V110-M5	M5	5.5	5 Port 2 Position Single coil	1.5 - 9.0	DC 12V DC 24V AC 24V AC 110V AC 220V	-5 - 60°C
4V110-06	1/8"	12				
4V210-06	1/8"	14				
4V210-08	1/4"	16				
4V310-08	1/4"	25				
4V310-10	3/8"	30				
4V410-15	1/2"	50				
4V120-M5	M5	5.5	5 Port 2 Position Double coil	1.5 - 9.0	DC 12V DC 24V AC 24V AC 110V AC 220V	-5 - 60°C
4V120-06	1/8"	12				
4V220-06	1/8"	14				
4V220-08	1/4"	16				
4V320-08	1/4"	25				
4V320-10	3/8"	30				
4V420-15	1/2"	50				
4V130-M5	M5	5	5 Port 3 Position Double coil Midle position type C:Center close E:Center exhaust P:Center pressure	1.5 - 9.0	DC 12V DC 24V AC 24V AC 110V AC 220V	-5 - 60°C
4V130-06	1/8"	9				
4V230-06	1/8"	12				
4V230-08	1/4"	12				
4V330-08	1/4"	18				
4V330-10	3/8"	18				
4V430-15	1/2"	30				

3/2 Air Valve Normaly Close/Open



SPECIFICATION

Model	Port Size	Efective Area(mm ²)	Position &Control	Pressure Bar	Port control Size	Temp.
3A110-M5	M5	5.5	3 Port	1.5 - 9.0	1/8"	-5 - 60°C
3A110-06	1/8"	12				
3A210-06	1/8"	14				
3A210-08	1/4"	16	2 Position	1.5 - 9.0	1/8"	-5 - 60°C
3A310-08	1/4"	25				
3A310-10	3/8"	30				
3A410-15	1/2"	30	Single air control			

5/2 Air Valve



SPECIFICATION

Model	Port Size	Effective Area(mm ²)	Position & Control	Pressure (Bar)	Port control Size	Temp.
4A110-M5	M5	5.5	5 Port 2 Position Single air control	1.5 - 9.0	1/8"	-5 - 60°C
4A110-06	1/8"	12				
4A210-06	1/8"	14				
4A210-08	1/4"	16				
4A310-08	1/4"	25				
4A310-10	3/8"	30				
4A410-15	1/2"	50				
4A120-M5	M5	5.5	5 Port 2 Position Double air control	1.5 - 9.0	1/8"	-5 - 60°C
4A120-06	1/8"	12				
4A220-06	1/8"	14				
4A220-08	1/4"	16				
4A320-08	1/4"	25				
4A320-10	3/8"	30				
4A420-15	1/2"	50				
4A130-M5	M5	5	5 Port 3 Position Double air control Midle position type C:Center close E:Center exhaust P:Center pressure	1.5 - 9.0	1/8"	-5 - 60°C
4A130-06	1/8"	9				
4A230-06	1/8"	12				
4A230-08	1/4"	12				
4A330-08	1/4"	18				
4A330-10	3/8"	18				
4A430-15	1/2"	30				

Manifold valve 5/2

SPECIFICATION

Type	Port Size	Model Valve	Stations	Temp.
100M	1/8"	4V/4A1XX	1 - 16	-5 -60°C
200M	1/4"	4V/4A2xx	1 - 16	
300M	3/8"	4V/4A3XX	1 - 12	
400M	1/2"	4V/4A3xx	1 - 12	



Mechanical Valve 3/2 (MOV)



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
MOV-B	1/8"	3/2NC	Non Button	Single Acting	0-10 Bar	-5 - 60°C
MOV-R	1/8"	3/2NC	Roller lever			
MOV-R1	1/8"	3/2NC	One way roller			
MOV-RP	1/8"	3/2NC	Roller plunger			
MOV-L	1/8"	3/2NC	Toggle lever	Double Acting		
MOV-S	1/8"	3/2NC	Selector switch	Lock or Nonlock Type		
MOV-PM	1/8"	3/2NC	Push button Muchroom(G,R)			
MOV-PF	1/8"	3/2NC	Push button Flat head (G,R)			
MOV-PE	1/8"	3/2NC	Push button Extend(G,R)			

Mechanical Valve 3/2 (JM)



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
JM-B	1/4"	3/2NC	Non Button	Single Acting	0-10 Bar	-5 - 60°C
JM-R	1/4"	3/2NC	Roller lever			
JM-R1	1/4"	3/2NC	One way roller			
JM-RP	1/4"	3/2NC	Roller plunger	Double Acting		
JM-L	1/4"	3/2NC	Toggle lever			
JM-S	1/4"	3/2NC	Selector switch	Lock or Nonlock Type		
JM-PM	1/4"	3/2NC	Push button Mushroom(G,R)			
JM-PF	1/4"	3/2NC	Push button Flat head (G,R)			
JM-PE	1/4"	3/2NC	Push button Extend(G,R)			

Mechanical Valve 3/2 (S3)



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
S3B-m5	M5	3/2NC	Non Button	Single Acting	0-10 Bar	-5 - 60°C
S3B-06	1/8"	3/2NC				
S3B-08	1/4"	3/2NC				
S3R-m5	M5	3/2NC	R:Roller lever			
S3R-06	1/8"	3/2NC	R1:One way roller			
S3R-08	1/4"	3/2NC	RP:Roller plunger			
S3LP-m5	M5	3/2NC	Push lever			
S3LP-06	1/8"	3/2NC				
S3LP-08	1/4"	3/2NC				
S3L-m5	M5	3/2NC	Toggle lever	Double Acting		
S3L-06	1/8"	3/2NC				
S3L-08	1/4"	3/2NC				
S3S-m5	M5	3/2NC	Selector switch			
S3S-06	1/8"	3/2NC				
S3S-08	1/4"	3/2NC				
S3PM-m5	M5	3/2NC	Push button Mushroom Color:R,G,B	Lock or Nonlock Type		
S3PM-06	1/8"	3/2NC				
S3PM-08	1/4"	3/2NC				
S3PF-m5	M5	3/2NC	Push button Flat head Color:R,G,B			
S3PF-06	1/8"	3/2NC				
S3PF-08	1/4"	3/2NC				
S3PE-m5	M5	3/2NC	Push button Extend Color:R,G,B			
S3PE-06	1/8"	3/2NC				
S3PE-08	1/4"	3/2NC				

Mechanical Valve 5/2 (MV)



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
MV-B	1/4"	5/2way	Non Button	Single Acting	0-10 Bar	-5 - 60°C
MV-R	1/4"	5/2way	Roller lever			
MV-R1	1/4"	5/2way	One way roller			
MV-RP	1/4"	5/2way	Roller plunger			
MV-L	1/4"	5/2way	Toggle lever	Double Acting		
MV-S	1/4"	5/2way	Selecter switch	Double Acting		
MV-PM	1/4"	5/2way	Push button Mushroom(G,R)	Lock or Nonlock Type		
MV-PF	1/4"	5/2way	Push button Flat head (G,R)			
MV-PE	1/4"	5/2way	Push button Extend(G,R)			

Mechanical Valve 5/2 (M5)



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
M5B-m5	M5	5/2way	Non Button	Single Acting	0-10 Bar	-5 - 60°C
M5B-06	1/8"	5/2way				
M5B-08	1/4"	5/2way				
M5R-m5	M5	5/2way	R:Roller lever R1:One way roller RP:Roller plunger			
M5R-06	1/8"	5/2way				
M5R-08	1/4"	5/2way				
M5LP-m5	M5	5/2way	Push lever			
M5LP-06	1/8"	5/2way				
M5LP-08	1/4"	5/2way				
M5L-m5	M5	5/2way	Toggle lever			
M5L-06	1/8"	5/2way				
M5L-08	1/4"	5/2way				
M5S-m5	M5	5/2way	Selector switch			
M5S-06	1/8"	5/2way				
M5S-08	1/4"	5/2way				
M5PM-m5	M5	5/2way	Push button Mushroom Color:R,G,B	Lock or Nonlock Type		
M5PM-06	1/8"	5/2way				
M5PM-08	1/4"	5/2way				
M5PF-m5	M5	5/2way	Push button Flat head Color:R,G,B			
M5PF-06	1/8"	5/2way				
M5PF-08	1/4"	5/2way				
M5PE-m5	M5	5/2way	Push button Extend Color:R,G,B			
M5PE-06	1/8"	5/2way				
M5PE-08	1/4"	5/2way				

Hand lever valve 5/2,5/3 way



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Acting	Pressure	Temp.
4H210-06	1/8"	5/2way	Hand Return	Double Acting	0-10 Bar	-5 - 60°C
4H210-08	1/4"					
4H310-10	3/8"					
4H410-15	1/2"					
4H230-06	1/8"	5/3way Close center	Spring Return	Single Acting	0-10 Bar	-5 - 60°C
4H230-08	1/4"					
4H330-10	3/8"					
4H430-15	1/2"					

Hand rotary valve 4/2,4/3 way



SPECIFICATION

Model	Port Size	Valve Type	Control Type	Function	Pressure	Temp.
4HV210-06	1/8"	4/2way	Hand Return	With lock	0-10 Bar	-5 - 60°C
4HV210-08	1/4"					
4H3V10-10	3/8"			And		
4HV410-15	1/2"					
4HV230-06	1/8"	4/3way Close center	Hand Return	Non lock	0-10 Bar	-5 - 60°C
4HV230-08	1/4"					
4HV330-10	3/8"			And		
4HV430-15	1/2"					

Hand Slide Valve



SPECIFICATION

Model	Port Size	Valve Type	Connection	Control Type	Pressure	Temp.
HSV-06	1/8"	3/2 way Normally close	*In(female)/out(male) *Double Male *In(male)/out(female) *Double Female	Hand Slide	0-10 Bar	-5 - 60°C
HDV-08	1/4"					
HSV-10	3/8"					
HSV-15	1/2"					
HSV-20	3/4"					
HSV-25	1"					

Foot valve 3/2,5/2 way



SPECIFICATION

Model	Port Size	Valve Type	Function	Control Type	Pressure	Temp.
Fv-02	1/4"	3/2 way NC.	Spring return	Foot Return	0-10 Bar	-5 - 60°C
FV-02A	1/4"		Selflock			
FOV-320	1/4"	5/2 way	Spring return			
FOV320A	1/4"		Selflock			
FOV320C	1/4"		Spring return+cover			
FOV-320AC	1/4"		Selflock+cover			