

ENB

Stainless Steel Fluid Control 2-Way Valves

2

ENB



Product Features

- The valve body adopts precision stainless steel casting process to reduce the resistance of the flow path to enhance the flow performance.
- Valve body from 1 to 4 series, wide size range from 1/8" to 1", flow orifice from $\phi 7$ to $\phi 25$, meet the needs of various working conditions.
- Seals are available in NBR, EPDM, and VITON, and can be used in air, water, oil, gas, vacuum, and liquid.
- It can be controlled by external pilot air or electromagnetic control. When using the external pilot air control, it can be used in occasions without electricity, flammable and explosive, etc.
- Optional type from normal open, normal close, and double air control, compact structure, safe and reliable.

How to order?

Series	Valve Body ID Code	Controls	Initial Status (Max. Pressure)	Port Size	Voltage	Connection Mode	Valve Body Material	Seal Material	Thread Type	Mounting Type
ENB	1: 1 Series 2: 2 Series 3: 3 Series 4: 4 Series	0: Air Control 1: External pilot electromagnetic type (*Only N.C. for external pilot electromagnetic type)	1: N.C.(0.5MPa) 2: N.O.(1MPa) 3: Double Air Control(1MPa) 4: N.C.(1MPa)			Blank: DIN Connector L: Plug-in Type F: Flying leads		Blank: NBR E: EPDM V: VITON	Blank: G P: PT T: NPT	Blank: No B: with Bracket
				Valve Body	Code	Thread	Blank: Air Control Without Voltage S: Stainless steel E1: AC110V E2: AC220V E4: DC24V E5: DC12V E7: AC24V * Only for External pilot electromagnetic type			
				1	06	1/8				
					08	1/4				
					10	3/8				
				2	10	3/8				
					15	1/2				
				3	20	3/4				
				4	25	1				

The corresponding relationship of Valve body size, port size, orifice size, initial status(Max. Pressure) is shown in the table below:

Valve body size	Orifice	Initial Status(Max. Pressure)				Port Size	
		1: N.C.(0.5MPa)	2: N.O.(1MPa)	3: Double Air Control(1MPa)	4: N.C.(1MPa)	Code	Thread
1	$\phi 7$	-	✓	✓	✓	06	1/8
		-	✓	✓	✓	08	1/4
		-	✓	✓	✓	10	3/8
2	$\phi 11$	-	-	-	✓	10	3/8
	$\phi 15$	✓	✓	✓	-		
	$\phi 11$	-	-	-	✓	15	1/2
$\phi 15$	✓	✓	✓	-			
3	$\phi 14$	-	-	-	✓	20	3/4
	$\phi 20$	✓	✓	✓	-		
4	$\phi 16$	-	-	-	✓	25	1
	$\phi 25$	✓	✓	✓	-		

Order Example: ENB series valve, 2 series valve body, air control, N.C.(1MPa), 3/8" port size, stainless steel valve body, EPDM seal, PT thread, with bracket, ERP code is ENB204-10SE-P-B

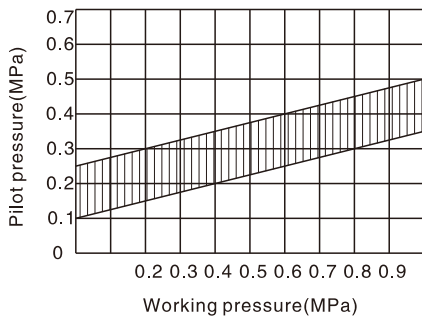
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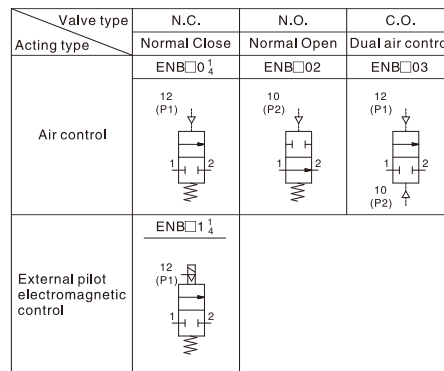
Specifications

Model	ENB1□□-06	ENB1□□-08	ENB1□□-10	ENB2□4-10	ENB2□□-10	ENB2□4-15	ENB2□□-15	ENB3□4-20	ENB3□□-20	ENB4□4-25	ENB4□□-25	
Port size	1/8"	1/4"	3/8"			1/2"		3/4"		1"		
Orifice	7			11	15	11	15	14	20	16	25	
CV value	0.8	1	1.1	2.6	4	2.6	4.8	5.4	7.4	7	12.5	
Working pressure(MPa)	0~1.0				0~0.5	0~1.0	0~0.5	0~1.0	0~0.5	0~1.0	0~0.5	
Guaranteed pressure(MPa)	1.5											
Working medium	air, water, oil, etc.											
Working medium temperature(°C)	NBR:-5~70(non-freezing) EPDM, VITON:-5~99(non-freezing)											
External pilot air control	Pressure(MPa)	ENB□□1、ENB□□4:0.25~0.7					ENB□□2、ENB□□3: 0.1+0.25~0.25+0.25 (working pressure)					
	Temperature	-5~70(non-freezing)										
Seal material	NBR、EPDM、VITON											
Weight(g)	253			563			823		1292			

ENB□□2, ENB□□3 (normal open, dual air control type) pilot pressure should correspond to the working pressure in the following range of tables

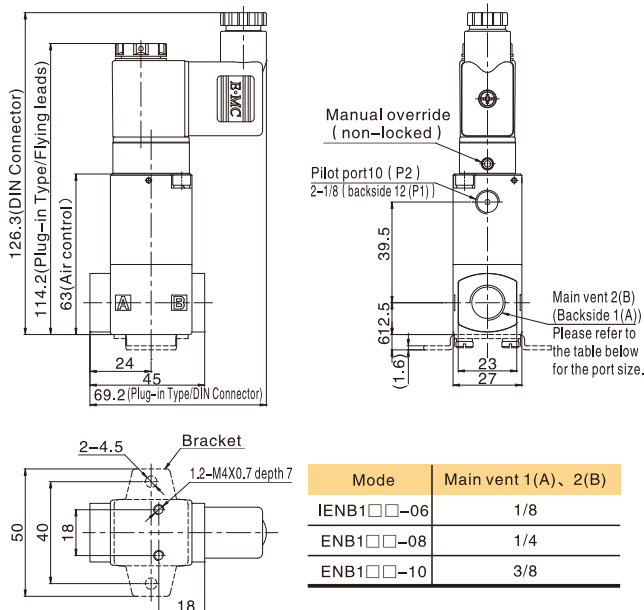


Pneumatic symbols



Main Dimension

ENB1-06/08/10



ENB2-10/15、ENB3-20、ENB4-25

