



Dymatrix™
AVSDVX

● CONTENTS ●

药
液
用
开
关
阀

2way valve for chemical

 6×4 6.35×3.95 10×8 9.53×6.33 12×10 12.7×9.5

※关于外观CAD数据 ※ About the appearance CAD data

需要 **Dymatrix™** 产品外观CAD数据的客户，

请联系最近的代理店或本公司营业所，我们将为您提供相关数据。

If you require CAD data for the appearance of **Dymatrix™** products, please contact us, our nearest distributor or agent and we will provide the data.

AVSDVX

药液用开关阀 2way valve



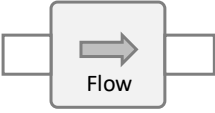
规格表 Specifications

项目 Items		单位 Unit	尺寸 Size		
			□20	□26	□32
			6x4	10x8	12x10
			6.35x3.95	9.53x6.33	12.7x9.5
作动 Actuation		-	气开常闭・气闭常开 Air to open・Air to close		
流体温度 Medium Temperature		℃	5~90		
构造耐压 Proof Pressure		-	1.0MPa 145psi		
使用压力范围 Working Pressure range		-	0~0.5 MPa 0~72.5psi		
阀座泄漏量 Leakage Rate		cm³/min	0(水压23℃) 0(at hydraulic pressure 23℃)		
背压 Back Pressure		MPa	0~0.5MPa 0~72.5psi		
周围温度 Ambient Temperature		℃	5~60		
开关频率 Frequency of open/close		times/min	< 20		
安装方向 Installation direction		-	任意方向 Any direction		
接续 Connection		-	Super 300 Type Pillar Fitting		
内部通径 ※1 Orifice diameter ※1		mm	φ 3.2	φ 5.3	φ 8.6
Cv值 Cv valve ※1		-	0.27	0.77	1.9
操作部 Pilot	气源压力 Pilot pressure	-	0.4~0.5MPa 58~72.5psi		
	气源口接续 Pilot air consumption	-	Rc1/8		
产品重量 Weight	气开常闭 Air to open	kg	0.06	0.12	0.21
	气闭常开 Air to close		0.06	0.13	0.22

※1：此为代表值。It is typical value.

选型表 Ordering Code

动作：气开常闭 接续方法：Super 300 Type Pillar Fitting

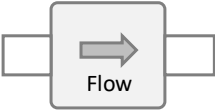
AVSDVX	-	G	T	3		2	4	2	0	0			-	*2
作动 <i>Actuation</i>	G		气开常闭 <i>Air to open</i>											
阀体材质 <i>Body Material</i>	T		PTFE											
接续方法 <i>Connection methods</i>	3		Super 300 Type Pillar Fitting											
规格 <i>Tubing Standard</i>	I		英制 <i>Inch</i>											
	M		公制 <i>Millimeter</i>											
固定方法 <i>Mounting</i>	2		底座 <i>Baseplate</i> (方向2 <i>Direction 2</i>)											
附件 <i>Option</i>	4		带开关指示 <i>Indicator</i>											
气源口方向 <i>Pilot port direction</i>	2		<div><div>2</div><div></div></div>											
管径 <i>Connection tubing size</i> *1	0		6											
	1		0											
	1		2											
管理编码 <i>Management code</i>														*2

*1: 以下为“管径”的编号与常见管径对应表。
*1: The table below shows the "Conneciotion tubing size" numbers and their corresponding common tube diameters.
*2: 该编码为敝司内部管理编码，未填写也可下单。
*2: Management code for internal use only. Orders can be placed without specifying the management code.

对应表 *Table of Correspondence*

		管径 <i>Connection tubing size</i>		
		06	10	12
常见管径 <i>Common Tube diameters</i>	mm	6 x 4	10 x 8	12 x 10
	inch	6.35 x 3.95	9.53 x 6.33	12.7 x 9.5

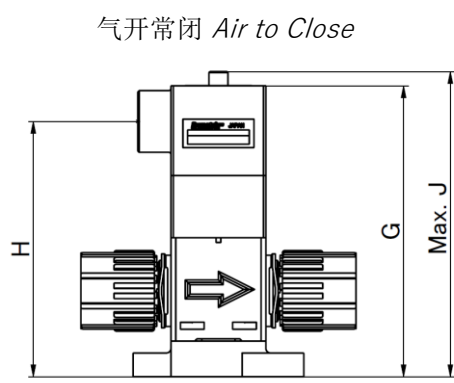
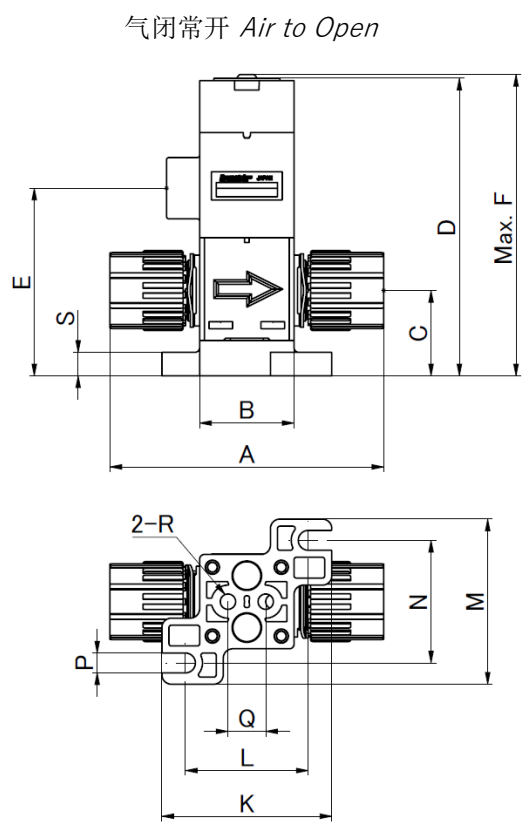
动作: 气闭常开 接续方法: Super 300 Type Pillar Fitting

AVSDVX	-	S	T	3		2	4	2	0	0			-	0
作动 <i>Actuation</i>	S		气闭常开 <i>Air to close</i>											
阀体材质 <i>Body Material</i>	T		PTFE											
接续方法 <i>Connection methods</i>	3		Super 300 Type Pillar Fitting											
规格 <i>Tubing Standard</i>	I		英制 <i>Inch</i>											
	M		作动 <i>Millimeter</i>											
固定方法 <i>Mounting</i>	2		底座 <i>Baseplate</i> (方向2 <i>Direction 2</i>)											
附件 <i>Option</i>	4		带开关指示 <i>Indicator</i>											
气源口方向 <i>Pilot port direction</i>	2													
管径 <i>Connection tubing size</i> *4 *5	0		6											
	1		0											
	1		2											
管理编码 <i>Management code</i>														0

*1: 以下为"管径"的编号和常见管径的对应表。
 *1: The table below shows the "Conneciotn tubing size" numbers and their corresponding common tube diameters.

对应表 *Table of Correspondence*

		チューブ径 <i>Connection tubing size</i>		
		06	10	12
常见管径 <i>Common Tube diameters</i>	mm	6 × 4	10 × 8	12 × 10
	inch	6.35 × 3.95	9.53 × 6.33	12.7 × 9.5



单位(Unit): mm

		Size		
		□20	□26	□32
Standard		6×4 / 6.35×3.95	10×8 / 9.53×6.33	12×10 / 12.7×9.5
A	Super 300 Type Pillar Fitting	58	76	90
	B	□20	□26	□32
	C	18.1	20	21.8
	D	63.1	72	88.7
	E	39.8	45.7	52.2
	F	63.9	73.5	91.7
	G	61.3	72.2	83.2
	H	53.8	62.4	73.2
	J	64.3	75.7	88.2
	K	36	43	52
	L	26	34	40
	M	35	41	54
	N	26	31	41
	P	4.2	5.2	6.3
	Q	8	12	16
	R	M4 L7.5	M5 L7	M5 L6.5
	S	5	5	5

※ 以上尺寸均为参考值。 ※ All dimensions are for reference.

部件名称 Parts	材质 Material	接液部件 Wetted parts
阀体 <i>Body</i>	PTFE	○
隔膜片 <i>Diaphragm</i>	PTFE	○
执行器 <i>Actuator</i>	PVDF and PP	
底座 <i>Base plate</i>	PP	
金属部件 <i>Metal parts</i>	SUS304	
密封圈 <i>Sealing ring</i>	FEPM	

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 - 3. 由于本公司产品以外的原因所造成的情况。
 - 4. 本产品在本公司以外被改造、二次加工或拆解的情况。
 - 5. 将部件用于本产品原定用途以外的情况。
 - 6. 因天灾、灾害等不可抗力的情况以及无法归咎于本产品的事故导致的情况。
- H) 关于上述事项的详细情况，请联系最近的代理店，或我司营业所进行咨询。

※1 本产品的质保期适用于在商品目录中所记载的开闭频率和规定的耐久性范围内使用纯水且常温下使用的本公司的阀门。如果使用强腐蚀性流体等特殊流体时，或是关于耐久性的问题，请联系最近的代理店，或我司营业所进行咨询。

※2 本公司对因本产品的保证内容或本保证条款规定的履行或不履行而产生的任何原因导致的特殊损害、间接损害或衍生性损害不承担任何责任。

Be sure to read the following warranty clauses of our product (Product).

- A) Always observe the precautions and instructions on using the Product.
- B) We always strive to improve the quality and reliability of the Product, but cannot guarantee the perfection of the Product. Therefore, should you intend to use the Product with any equipment or machinery that may involve the risk of serious or even fatal injury, or property damage, ensure an appropriate safety design or take other measures with sufficient consideration to prevent possible problems. We shall assume no responsibility for any inconvenience on your part arising from such use without our prior written consent.
- C) Precautions on selecting, constructing, installing, operating, maintaining, and servicing Products are prescribed in the related technical documents, operation manuals, and/or other documentation. For details, consult with our nearest distributor or agent.
- D) We make a warranty that Product shall be free from defects in workmanship and materials(Warranty) and the Warranty extends for one and a half years after the Product is shipped from our factory or one year after the Product is installed, whichever comes first.*1 The abnormality of the Product occurred during the warranty period and reported to us will be investigated immediately to identify its cause. Should the Product be deemed defective, we shall, at our option, repair or replace it free of charge or repay the purchase price to you, which is the sole remedy for the Warranty.*2
- E) Should you intend to use the Product with a special fluid (such as a highly corrosive fluid) that is not compatible, we do not guarantee the warranty period specified above*1 Please consult us in case of use for ozone water. We would not guarantee it in some cases. Moreover, if you intend to use it with compressed air or gas (such as air, nitrogen, or other gas), we do not assume product liability of the Product. In conducting a leak test of a newly installed system, be sure to do it under water pressure. Note; If you must conduct a test with a compressed air or gas for some unavoidable reason, we will not assume any product liability of the Product.
- F) After the termination of warranty period we will repair or replace our Product at your expense, but will not supply repair parts.
- G) We shall not responsible for the results to be occurred in the following cases:
 - 1. Using the Product under any condition beyond the scope of use instructed by us.
 - 2. Failure to observe our precautions or instructions regarding the construction, installation, handling, maintenance, or servicing of Product.
 - 3. Any inconvenience caused by any product other than ours.
 - 4. Remodeling, otherwise modifying, or disassembling the Product by anyone other than us.
 - 5. Using any part of the Product for anything other than the intended use of the Product.
 - 6. Any abnormality that occurs due to a natural disaster, accident, or other incident not attributable to the Product.
- H) If you want more information on the above, please contact us, our nearest distributor or agent.

*1 The Product warranty period applies to our valves to be used within the specified durability and open - close frequency specified in catalogue", and "in the presence of pure water" and "at normal temperature". Consult us if you wish to use it under a highly corrosive atmosphere and the durability.

*2 We shall not be liable for any special, incidental or consequential damage for any cause with respect to the Product Warranty or performance of non-performance of any provision thereof.

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