

DMF-Y (D-type)

DMF-Y D型淹没式电磁脉冲阀

DMF-Y D-type Submerged Electromagnetic Pulse Valve



产品概述 / Product overview

DMF-Y D型为淹没式（嵌入式）电磁脉冲阀，直接安装在分气箱上。产品册说明其具有良好的流通特性，压力损失有所下降，适合气源压力较低的工作场合。

The DMF-Y D-type is a submerged (embedded) electromagnetic pulse valve installed directly on an air-distribution box. The catalog states that it has favorable flow characteristics, reduced pressure loss and suitability for lower air-source pressure.

产品特点 / Product features

- 采用淹没式（嵌入式）结构，直接安装在分气箱上。
- 产品册明确说明其流通特性较好、压力损失有所下降。
- 工作介质为干燥清洁的压缩空气；可选防爆线圈。

The submerged (embedded) construction mounts directly on the air-distribution box.
The catalog explicitly notes favorable flow characteristics and reduced pressure loss.
The operating medium is dry, clean compressed air; an explosion-proof coil is optional.

工作条件 / Operating conditions

项目 Item	参数 Value
工作压力 Working pressure	0.2–0.6 MPa (recommended 0.2–0.4 MPa)
环境温度 Ambient temperature	-5–80°C
相对湿度 Relative humidity	<85%
使用介质 Operating medium	干燥清洁的压缩空气 Dry clean compressed air
电压 Voltage	AC220V / DC24V (special voltage optional)
膜片寿命 Diaphragm life	≥1,000,000 pulses
公称通径 Nominal diameters	φ50 / φ62 / φ76 / φ102
连接 Connections	G2 / G2-1/2" / G3" / G3-1/2" / G4"

经原页核验的代表型号 (非完整矩阵) / Verified representative models (not the full matrix)

型号 Model	大膜片直径 Large diaphragm	Kv/Cv	喷吹面积 (m²) Blowing area (m²)	进/出气口 Inlet/outlet	重量 (kg) Weight (kg)	来源页 Source page
DMF-Y-25	φ96	28.82 / 33.63	8–10	G1"	0.75	10
DMF-Y-40S	φ112	47.36 / 55.27	12–16	G1-1/2"	1.15	10
DMF-Y-62S	φ188	136.58 / 159.39	27–38	φ75	3.08	12
DMF-Y-76S	φ202	165.84 / 193.54	37–65	φ89	3.2	12
DMF-Y-102SA	φ204	242.35 / 282.82	55–80	φ102	3.72	14

应用场景 / Applications

用于分气箱直接安装，并适用于气源压力较低的工作场合。

Direct installation on an air-distribution box, including duties with lower air-source pressure.

选型提示 / Selection note

请在询价时提供型号、口径、接口、材质、介质、压力、温度、控制方式和数量；所有供货信息按单确认。

For RFQ, provide model, size, connection, material, media, pressure, temperature, control mode and quantity. Availability is confirmed per order.

资料来源 / Source: 爱儿康阀门样册 2.pdf · Catalog described by the source manifest as updated through 2025; publication date must still be confirmed by the document owner. · PDF pages 6, 10–15