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Pneumatic Ceramic Lined Rotating Type Gate Valve

气动陶瓷旋转摆动阀

Product Feature

产品特征

气动陶瓷旋转摆动阀主要用于火力发电厂气动输灰系统仓泵上进料，也可用于其他粉料输送管道如氧化铝干粉、水泥和粉煤灰等进料启闭。本阀门密封面经过研磨加工，确保密封的可靠性，因此阀门具有密封性良好、耐磨性强，启闭灵活，无卡灰及积灰现象。

可根据现场要求选择电磁阀，空气过滤器，磁性位置开关和吹扫装置。

FREE-VALVE's pneumatic ceramic lined rotating type gate valve is mainly used in transport materials on the fly ash conveying system in electrostatic precipitator systems (ESP systems) of coal-power plants, and also used in other powder conveying pipeline, such as: alumina dry powder, cement and coal ash etc. The whole of ceramic sealing faces of the valves are well ground and polished, which is ensure a reliable sealing performance of the valve, so the valve has good sealing performance, high wear-resistance, open and close flexible and have no ash and dust phenomenon.

Solenoid valves, air filters, magnetic position switch and blowing devices can be selected according to site requirements.



Application

适用范围

适用介质：粉煤颗粒，粉煤灰

Applicable medium: Coal particles, coal ash



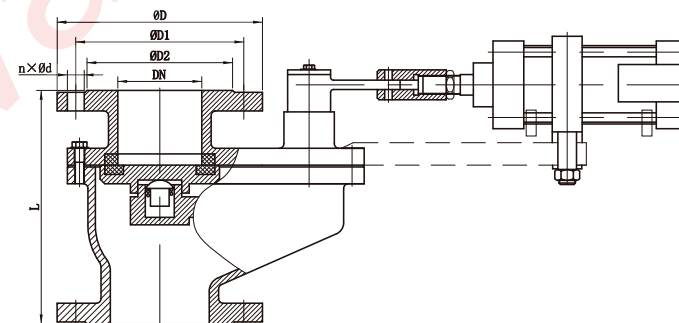
Products Performance Specification

产品性能规范

法兰标准 The standards of flange ends	ASME B16.5, GB/T9113
公称压力 Nominal Pressure	1.0MPa, Class150
公称通径 Size Range	DN150 ~ DN 300, NPS6 ~ NPS12
连接形式 Connection type	Flange
工作温度 Working Temperature	≤200℃
驱动方式 Operating Type	Pneumatic
密封面材质 Sealing surface material	Engineering ceramic
结构长度 Face to Face	GB/T12221, ASME B16.10
压力测试 Pressure test	GB/T13927, API598

Main Connection and Installation Dimensions

主要连接及安装尺寸



公称压力 Nominal pressure	尺寸 (mm) Dimension					
	DN	L	D	D1	D2	n × φd
PN10	80	230	195	160	138	8 × φ18
	100	250	215	180	158	8 × φ18
	125	265	245	210	188	8 × φ18
	150	265	280	240	212	8 × φ22
	200	310	335	295	268	8 × φ22
	250	395	390	350	320	12 × φ22
	300	450	440	400	370	12 × φ22
	350	500	500	460	430	16 × φ22

注：本公司可根据用户要求提供产品

Note: Face to face dimension can be customized according to customer requirements.

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Pneumatic Ceramic Lined Rotating Double Disc Gate Valve

气动陶瓷双闸板旋转摆动阀

Product Feature

产品特征

气动陶瓷双闸板旋转摆动阀是为压力和真空系统设计的，在钢铁厂、煤电厂和化工的干灰和水渣等介质管道上作启闭阀门应用，该阀门用于替代除灰出料系统管路中的圆顶阀，本阀门密封面经过研磨加工，确保密封的可靠性，因此阀门具有密封性良好、耐磨性强，启闭灵活，无卡灰及积灰现象。

可根据现场要求选择电磁阀，空气过滤器，磁性位置开关和吹扫装置。

FREE-VALVE's pneumatic ceramic lined rotating double disc gate valves are designed for pressurized and vacuum systems including dense and dilute phase pneumatic conveying systems, discharge and vent applications in steel plant and coal power. The double ceramic sealing faces of the valves are well ground and polished, which ensure a reliable sealing performance of the valve, the valve is used to replace the dome valve in the pipe line of the ash system. Solenoid valves, air filters, magnetic position switch and blowing devices can be selected according to site requirements.



Application

适用范围

适用介质：干灰、粉煤、物料等介质的输送

Applicable medium: Dry ash, Pulverized coal

安装位置 Installation Position

在管道上安装时，此阀的法兰口应在管道的最下部

When installed in the pipeline, the valve flange port should be at the bottom of the pipeline.



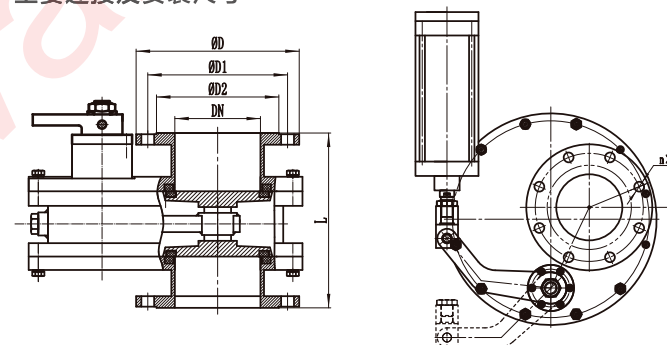
Products Performance Specification

产品性能规范

法兰标准 The standards of flange ends	ASME B16.5, GB/T9113
公称压力 Nominal Pressure	1.0MPa, Class150
公称口径 Size Range	DN150 ~ DN 300, NPS6 ~ NPS12
连接形式 Connection type	Flange
工作温度 Working Temperature	≤200℃
驱动方式 Operating Type	Pneumatic
密封面材质 Sealing surface material	Engineering ceramic
结构长度 Face to Face	GB/T12221, ASME B16.10
压力测试 Pressure test	GB/T13927, API598

Main Connection and Installation Dimensions

主要连接及安装尺寸



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