

5

Ceramic Lined Knife Gate Valve

陶瓷刀闸阀

Product Feature

产品特征

陶瓷刀闸阀是专门针对固液两相流工况介质管道而设计制造的，它采用了增韧型工程陶瓷来作为关断抗冲刷的主要材料，以满足该类介质管道的关断使用功能。该型阀门具有轻便、便于安装以及适应在不同排布管道上任意角度安装，深受用户欢迎。经多年的实践证明，与普通排渣浆液阀相比使用寿命得到大幅提高。

气动阀门可根据现场要求选择电磁阀，空气过滤器，磁性位置开关。

FREE-VALVE's ceramic lined knife gate valve is designed and produced specially for pipeline with solid-liquid two-phase flow medium, which adopt toughening engineering ceramic as the main materials to shut off and avoid the flow wear out, so as to meet the function of the shutoff. This valve is light, easy to install, and installed at any angle on the pipeline with different configuration, so, obtain the welcome by the user. It is also proven that this valve's working life is greatly prolonged comparing with common slagging slurry valve.

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



Application

适用范围

采矿、钢铁工业—用于煤炭、滤渣浆等；

Mining, steel industry—used for coal, filter slurry, etc.

造纸工业—用于任何浓度纸浆、料水混合物；

Paper-making industry—used in pulp, mixture of materials and water with any density.

电站除灰—用于灰渣浆液；

Dusting of power station—used in ash slurry.

洗选煤行业,洗煤厂—煤浆的输送；

Washing coal industry, coal washing plant – used for coal water slurry, coal water slurry, etc.



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	DN50 ~ DN 600, NPS2 ~ NPS24
连接形式Connection type	Flange, Wafer
工作温度Working Temperature	≤200℃
驱动方式Operating Type	Electric, Pneumatic, Manual
密封面材质Sealing surface material	Engineering ceramic
压力测试 Pressure test	GB/T13927, API598
结构长度Face to Face	GB/T12221, ASME B16.10

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 × Md
PN10	50	43	160	125	100	4 × M16
	65	46	180	145	120	4 × M16
	80	46	200	160	135	8 × M16
	100	52	220	180	155	8 × M16
	125	56	250	210	185	8 × M16
	150	56	285	240	210	8 × M20
	200	60	340	295	265	8 × M20
	250	68	395	350	320	12 × M20
	300	78	445	400	370	12 × M20
	350	78	505	460	430	16 × M20
	400	102	565	515	482	16 × M24
	450	114	615	565	432	20 × M24
	500	127	670	620	585	20 × M24
	600	154	780	725	685	20 × M27

