Pneumatic Ceramic Rotary Gate Valve

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The pneumatic ceramic rotary gate valve is developed according to the fault frequently occurred during the operation of the dome valve .The ceramics is used as the wear-resisting parts.The sealing surface of the product is made of toughened engineering ceramics with good abrasion resistance and prolonged service life.They are widely use in dense phase pneumatic conveying system of power plant.

Moreover,our ceramic rotary gate valve has the following features:

Product Feature :

1.Our pneumatic ceramic rotary gate valve has long working life.
2.Product with customized structural length and connection size is available.
3.The plane rotational motion of the valve disc can avoid the ash deposition on the sealing surface.
4.Equipped with knife gate,the pneumatic rotary gate valve can separate the dry ash from the medium
5. The rotation structure with shorter stroke makes for less abrasion and longer life time of the pneumatic ceramic rotary gate valve.

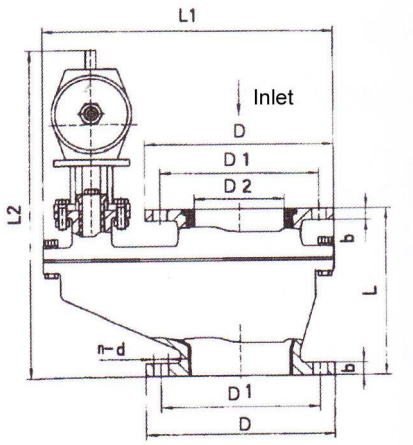
Performance

Type	PN (MPa)	Test pressure（MPa）		Temperature（℃）	Application
		Sealing test	Shell test		
QSRG643TC-6C	0.6	0.66	0.9	-30~300	Mixture medium between gas and solid ,such as dry ash,coal powder,core powder etc
QSRG643TC-10C	1.0	1.1	1.5		

Technical parameters

Nominal Diameter :2”~12” DN50~DN300
Pressure :Class 150 PN1.0~PN1.6
Material of body : WCB（A105)
Sealing material:toughened engineer ceramics

Dimensions



QSRG643TC-6C

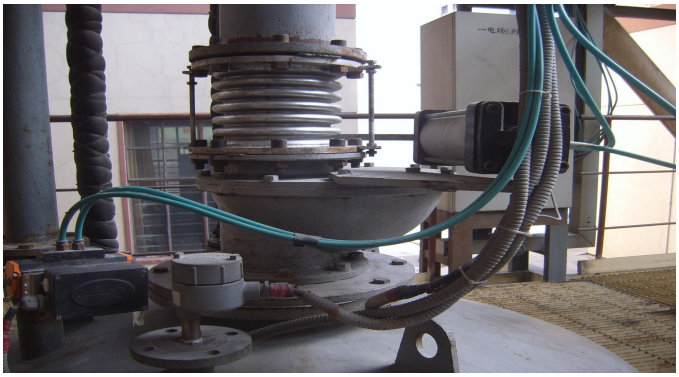
DN	D	D1	D2	b	n-a	L	L_1	L_2
80	190	150	75	18	4-18	203	320	390
100	210	170	90	18	4-18	229	400	460
150	265	225	140	20	8-18	267	440	510
200	320	280	185	22	8-18	300	520	560
250	375	335	240	24	12-18	330	590	620
300	440	395	285	24	12-22	356	685	710

QSRG643TC-10C

DN	D	D1	D2	b	n-a	L	L_1	L_2
80	200	160	75	18	8-18	203	320	390
100	220	180	90	18	8-18	229	400	460
150	285	240	140	20	8-22	267	440	510
200	340	295	185	22	8-22	300	520	560
250	395	350	240	24	12-22	330	590	620
300	445	400	285	24	12-22	356	685	710

Application

Pneumatic Ash Conveying System in power plant



Electrostatic precipitator dust