

V型球阀

产品概述 Product overview

V型球阀是一种芯阀座采用金属，或金属对聚四氟乙烯密封配合的旋转球阀，它将球阀和蝶阀的最佳控制特性结合成一体，既可用于控制调节阀，又可作关断切断阀。

V type ball valve is a kind of core seat is metal, or metal for ptfе seal with the rotation of the ball valve, it will be a ball valve and butterfly valve control features combined into an organic whole, can be used as a control valve, both can be shut off again to cut off the valve.

产品特点 Product features

- 不带任何管接头的整体式阀体，不受管道或螺栓应力影响，并且由于阀体无任何管接头，故耐压壳体不会受压力“突变”的影响。
- 具有一个V型阀体，即使在小流量或高粘度介质的情况下，也可在整个量程范围内，保证控制的精确性。
- 防漏耐用的阀座在其外径处衬有带不锈钢内芯PTFE杯形或是O型密封圈，阀座用截面较大的钨钴硬质合金制成，通过一个合金的波纹弹簧进一步增强了阀座的结构。
- 当阀门关闭时，V型缺口与阀座之间产生楔形剪切作用，并既具有自洁功能又可防止球芯卡死，特别适用于高粘度、悬浮液、纸浆等不干净、含纤维介质场合。
- Without coupling integral body, is not affected by a pipe or bolt stress, and because the body does not have any pipe joint, so the pressure shell will not be affected by pressure "mutation".
- Have a v-shaped body, even in the case of small flow rate or high viscosity media, can also be within the scope of the whole range, ensure the control accuracy.
- Low leak proof and durable seat is lined with stainless steel inner core at its outer diameter PTFE beaker or type O sealing ring, tungsten cobalt cemented carbide seat with larger cross section, by a corrugated metal spring to further strengthen the structure of the valve seat.
- Low when the valve is closed, v-shaped gap between wedge and seat shearing action, and already has self-cleaning function can prevent the core ball again stuck, especially suitable for high viscosity, slurry, pulp is not clean, fiber media such occasion.

产品采用标准 Product Specification

设计标准 Design standard	结构长度 Structural length	连接法兰 Flanged ends	试验和检验 Inspection and test
GB 12237	GB 12221-89	JB79	GB 13927-89

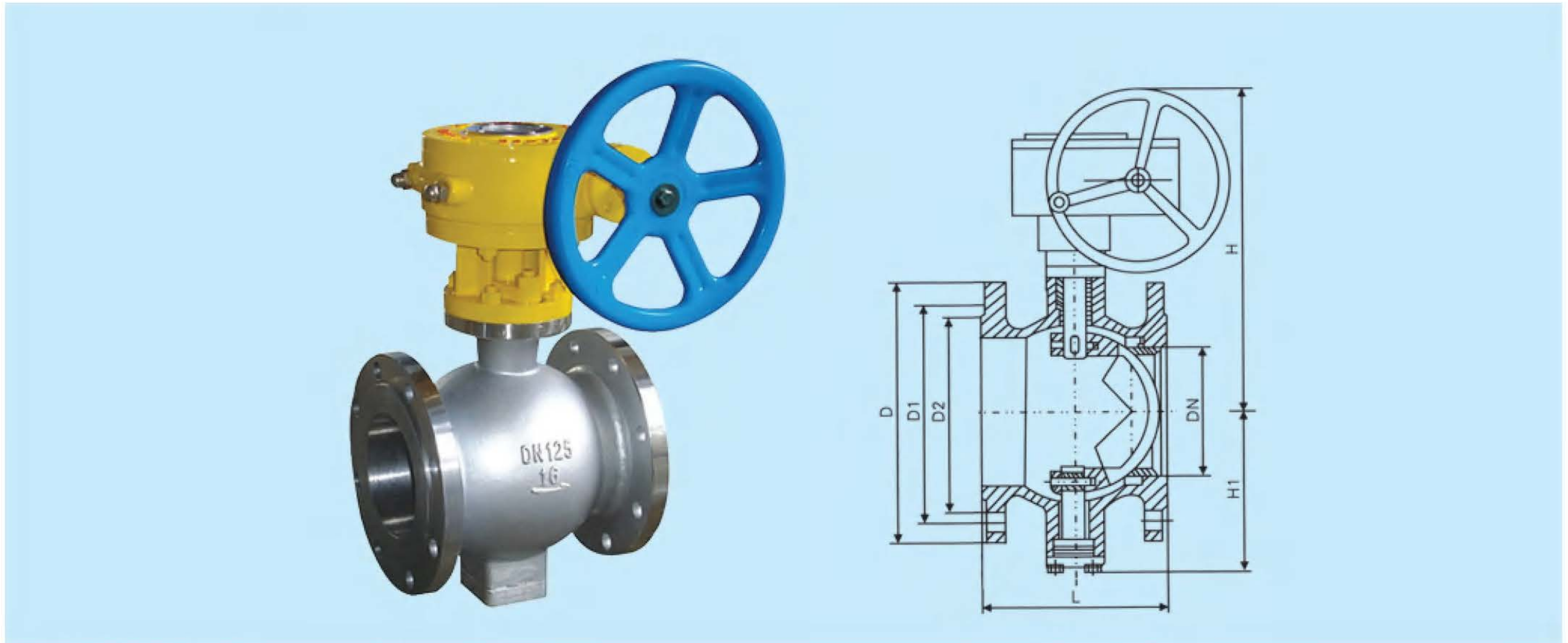
压力试验 Pressure test

公称压力 PN Nominal pressure PN	常温最大工作压力 maximum working pressure	壳体试验压力 Shell test pressure	气密封试验压力 Gas seal test pressure	高压密封试验压力 High pressure seal test pressure
1.6	1.6	2.4	0.6	1.76
2.5	2.5	3.8	0.6	2.75
4.0	4.0	6.0	0.6	4.4
6.4	6.4	9.6	0.6	7.1

主要零件材料 The major parts material

序号 No.	零件名称 Name	材质 material			
1	阀体、阀盖 Body and bonnet	WCB	ZG1Cr18NiTi	ZG0Cr18Ni12Mo2	ZG15Cr1Mo1V
2	球体 sphere	2Cr13/1Cr18Ni9Ti	1Cr18Ni9Ti/ 表面特殊处理 Special surface treatment	0Cr18Ni12Mo2/ 表面特殊处理 Special surface treatment	25Cr2Mo1V/ 表面特殊处理 Special surface treatment
3	阀杆、固定轴 Stem, fixed axis	2Cr13	1Cr18Ni9Ti	0Cr18Ni12Mo2	25Cr2Mo1V
4	阀座 seat	PTFE/2Cr13	PTFE/1Cr18Ni9Ti	PTFE/0Cr18Ni12Mo2	D517
5	填料 packing	PTFE/ 柔性石墨 Flexible graphite	PTFE/ 柔性石墨 Flexible graphite	PTFE/ 柔性石墨 Flexible graphite	柔性石墨 Flexible graphite
6	螺栓 bolt	35	0Cr18Ni9	0Cr18Ni9	15Cr1Mo1V
7	螺母 nut	45	0Cr18Ni9	0Cr18Ni9	20CrMo

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主要外形尺寸 (mm) Main External and Connection Dimension

型号	DN	L	D	D1	D2	Z-φd	H1	H
VQ340/940 -16C/P/R	25	150	115	85	65	4-14	57	200
	32	165	135	100	78	4-18	59	202
	40	180	145	110	85	4-18	63	205
	50	200	160	125	100	4-18	92	225
	65	220	180	145	120	4-18	100	235
	80	250	195	160	135	8-18	108	260
	100	280	215	180	155	8-18	117	270
	125	320	245	210	185	8-18	140	320
	150	360	280	240	210	8-23	177	340
	200	400	335	295	265	12-23	200	390
VQ340/940 -25P/R	25	150	115	85	65	4-14	57	200
	32	165	135	100	78	4-18	59	202
	40	180	145	110	85	4-18	63	205
	50	200	160	125	100	4-18	92	225
	65	220	180	145	120	8-18	100	235
	80	250	195	160	135	8-18	108	260
	100	280	230	190	160	8-23	117	270
	125	320	270	220	188	8-25	140	320
	150	360	300	250	218	8-25	177	340
	200	400	360	310	278	12-25	200	390
VQ340/940 -40P/R	25	150	115	85	65	4-14	57	200
	32	180	135	100	78	4-18	59	202
	40	200	145	110	85	4-18	63	205
	50	220	160	125	100	4-18	92	225
	65	250	180	145	120	8-18	100	235
	80	280	195	160	135	8-18	108	260
	100	320	230	190	160	8-23	117	270
	125	400	270	220	188	8-25	140	320
	150	400	300	250	218	8-25	177	340
	200	502	375	320	282	12-30	200	390