

产品简介 Product Introduction



Non-rising stem metal seat gate valve

硬密封铸铁闸阀一种广泛应用于石油化工, 火力发电厂等油品、水蒸气管路上作接通或截断管路中介质的启闭装置的阀门。这种阀门结构紧凑、设计合理, 阀门刚性好, 通道流畅, 流阻系数小。该类阀门采用柔性石墨填料, 密封可靠, 操作轻便灵活; 密封面采用不锈钢和硬质合金, 使用寿命长; 驱动方式分手动、电动、气动和齿轮传动。

Metal seat cast iron gate valve is one kind of equipment which can be widely used on oil and steam pipelines in petrochemical plant and coal-fired power plants to connect or truncate the medium in pipelines. This valve has the advantage of compact structure, reasonable design, good rigidity, smooth channel and small flow resistance coefficient. This kind valve adopts flexible graphite packing to make seal reliably, operate portably and flexibly. Stainless steel and hard alloy seat to make service life longer. The driveway can be classified into manual, electric, pneumatic and gear transmission.

设计标准 Design standard

Design Code: EN1171, EN1074, ASME B16.1

Size Range: DN40-1200, NPS 1.5"-48"

Face to Face: BS5163, DIN3202 F4, API609

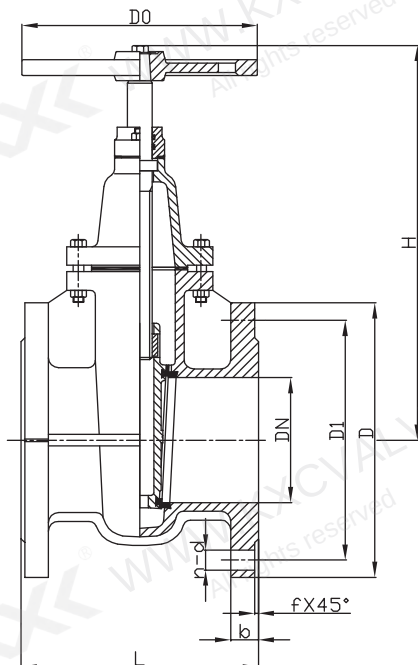
End Flange: DIN2501 PN6/PN10/PN16, BS 4504 PN6/PN10/PN16, ISO 7005 PN6/PN10/PN16, JIS 5K/10K/16K, ASME B16.1 125LB, ASME B16.1 150LB, AS 2129 Table D and E, BS10 Table D and E

Test inspection: EN 12266-1, API 598

主要性能参数 Performance specification

公称压力 Nominal pressure	公称通径 Nominal diameter	试验压力 Test pressure		工作温度	适用介质
PN(Mpa)	DN(mm)	壳体 Shell	密封 Seal		
1.0	40-1200	1.5	1.1	≤80℃	清水、源水、污水、 空气、油品 Water、Source Water、 Sewage、Air、Oil
1.6		2.4	1.76		
2.5		3.8	2.75		

主要外形及连接尺寸 Main external and connection dimension



名称 Name	材料 Material
阀体 Body	灰铸铁 Cast Iron, 球墨铸铁 Ductile Iron
阀板 Disc	灰铸铁 Cast Iron, 球墨铸铁 Ductile Iron
阀杆 Stem	不锈钢 Stainless steel
密封圈 Sealing ring	黄铜 Brass
O型圈 O-ring	EPDM/NBR
阀盖 Bonnet	灰铸铁 Cast Iron, 球墨铸铁 Ductile Iron

SIZE		D				D1				L			H	n-d				b				D0
DN	in	10	16	25	150LB	10	16	25	150LB	DIN	BS	ANSI		10	16	25	150LB	10	16	25	150LB	
50	2	165			150	125			120.7	150	178	177.8	235	4-19		4-19	4-19	19		14.3	160	
65	2.5	185			180	145			139.7	170	190	190.5	265	4-19		8-19	4-19	19		15.9	160	
80	3	200			190	160			152.4	180	203	203.2	290	8-19		8-19	4-19	18-19		17.5	200	
100	4	220	220	235	230	180	180	190	190.5	190	229	228.6	320	8-19		8-22	8-19	18-19		22.3	200	
125	5	250	250	270	255	210	210	220	215.9	200	254	254	380	8-19		8-26	8-22	18	24	22.3	260	
150	6	285	285	300	280	240	240	250	241.3	210	267	266.7	40	8-23		8-26	8-22	19	24	23.9	260	
200	8	340	340	360	345	295	295	310	298.5	230	292	292.1	520	8-23	12-23	12-26	8-22	20	24	27	330	
250	10	405	405	425	405	350	355	370	362	250	330	330.2	630	12-23	12-28	12-30	12-26	22	27	28.6	400	
300	12	460	460	485	485	400	410	430	431.8	270	356	355.6	720	12-23	12-28	16-30	12-26	24	22	27	30.2	400
350	14	520	520	555	535	460	470	490	476.3	290	381	381	800	16-23	16-28	16-33	16-29	25	30	33.4	465	
400	16	580	580	620	595	515	525	550	539.8	310	406	406	850	16-28	16-31	16-36	16-29	28	33	35	465	
450	18	640	640		635	565	585		577.9	330	432	432	1000	20-28	20-31		16-32	29		38.1	465	
500	20	715	715		700	620	650		635	350	457	457.2	1200	20-28	20-31		20-32	31		41.3	630	
600	24	840	840		815	725	770		749.3	390	508	508	1350	20-31	20-38		20-35	33		46.1	630	

H and D0 are only for reference, actual dimension may be a little different.