

Coosai

刀型闸阀选型样本 Product catalog of knife gate valves



温州科赛阀门有限公司
Wenzhou coosaivalve co.,ltd



企业简介

科赛阀门有限公司坐落在中国泵阀之乡——温州瓯北，厂区紧临104国道，东临温州机场，南临温州火车站，交通便利。

科赛阀门有限公司是一家专业生产阀门、阀门驱动装置、过滤器、及隔膜泵等产品的生产企业。阀门设计和制造标准有 API6D，API609、GB/T4213。阀门产品等级 class150 ~ class2500，公称口径 1/2 " ~ 48 "，工作温度 -29℃ ~ 425℃，阀体材料主要为 ASTM A216-WCB。可以根据客户要求冶炼和制造。电动执行机构有 PSL、PSQ 和 HQ 三大类，控制模式有 4~20mA 标准信号和现场总线。隔膜泵分气动隔膜泵和电动隔膜泵两大类。公司拥有数控车床、数控铣床等加工设备 70 多台套以及各种测量器具，并辅以 CAD 计算机辅助设计，保证了公司产品的设计检测和制造能力。

公司贯彻执行 ISO9001: 2000 质量体系，严格按照产品标准设计检测和制造(CE API)，遵守相关的法律和法规，确保产品安全可靠，满足客户的要求。

欢迎光临科赛公司指导！

Brief introduction

Wenzhou Kesai Valve Co., Ltd is located in "china pump & valve town"——Oubei, which is along side the national highway G104, and is not far from wenzhou airport and train station. It enjoys a very convenient transportation.

We Coosai (brand name of Wenzhou Kesai Valve Co., Ltd), mainly manufactures various kinds of valves, valve actuators, strainers and diaphragm pumps and so on according to API6D, API609 GB/T4213 and also our own company's manufacturing standard, with pressure ranges from class150~class2500, size 1/2 " ~ 48 ",and temperature -29℃~425℃. Also, we can produce in various kinds of materials according to customers' requirements. Our electric actuators covers PSL, PSQ, HQ series, which can be controlled by 4 ~ 20mA analog signals as well as field bus. Besides, we produce pumps like air operated diaphragm pumps and electric operated diaphragm pumps and so on.

We Coosai possesses 70 sets of advanced digital lathes, digital milling machines, testing equipments etc., further more, Coosai is assisted with CAD design system, all these guarantees our designing, manufacturing and testing capability.

As an ISO9001:2000(CE, API) granted company we design and manufacture strictly according to international standards, to make sure we produce the reliable products for you.

Welcome to Coosai.



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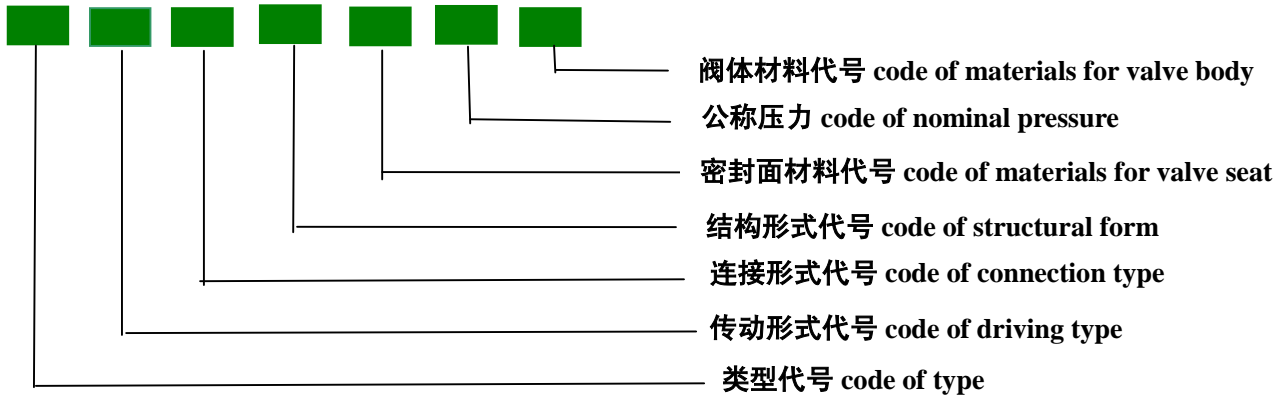
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闸阀 Establishment method of gate valve model



1	类型代号 code of type	刀形闸阀 Knife gate valve		PZ		
2	传动形式代号 code of driving type	蜗轮 worm gear	齿轮动 Gear operated	电动 electric		
		3	4	9		
3	连接形式代号 code of connection type	法兰 Flange	4			
4	结构形式代号 code of structural form	楔式单闸板 Single disc		平行式单闸板 Parallel Single disc		
		1		3		
5	密封面材料代号 code of materials for valve seat	合金钢 Alloy steel	硬质合金 Hard alloy	铜合金 Copper alloy	四氟 Teflon	橡胶 Rubber
		H	Y	T	F	X
6	公称压力 code of nominal pressure	GB	16 20 25 40 50 64 100 150 250 400	CLASS	150 300 600 800 1500 2500	
7	阀体材料代号 code of materials for valve body	灰铸铁 Gray iron	球墨铸铁 ductile iron	碳钢 carbon steel	不锈钢 stainless steel	
		Z	Q	C	P	

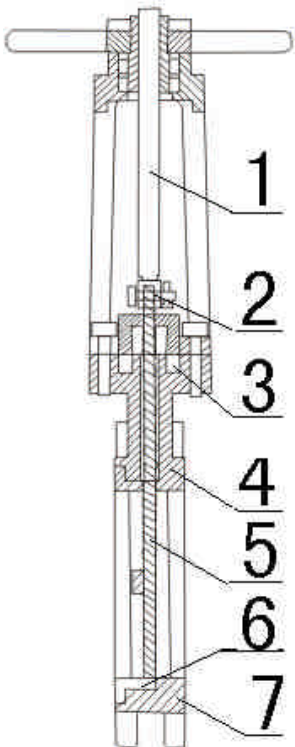
说明 Note:

1、型号编制 Model explanation

如一阀体材料为 WCB，公称压力为 PN10，密封面材料为橡胶，结构为楔式单闸板，法兰连接的刀型闸阀，其型号编制为：PZ41R10C。通常情况下，写为 PZ41R。本公司在编制型号时可在阀体材料后面编写阀门口径。如：P41F10R25。

Take a DN25 WCB Knife gate valve with PN10, Rubber, Single disc and flange connection for example the model № should be like this PZ41F10C. Normally written as PZ41F. Also the valve size can be put to the model i.e. PZ41F10C25.

刀型闸阀 Knife gate valve



产品采用标准 Technical specification

设计标准 design standard	MSS.SP-81
结构长度 Structural length	KSS.SP-81 & TAPPI TIS405-8
连接法兰 Flanged ends	ASME B 16.5 2 " -24 " ASME B 16.47 30 " -36 "
试验和检验 Test & inspection	MSS.SP-81

注：系列阀门的连接法兰端尺寸可按客户要求设计制造。

Note: The dimension of the connecting flange can be designed according to customers' special requirements.

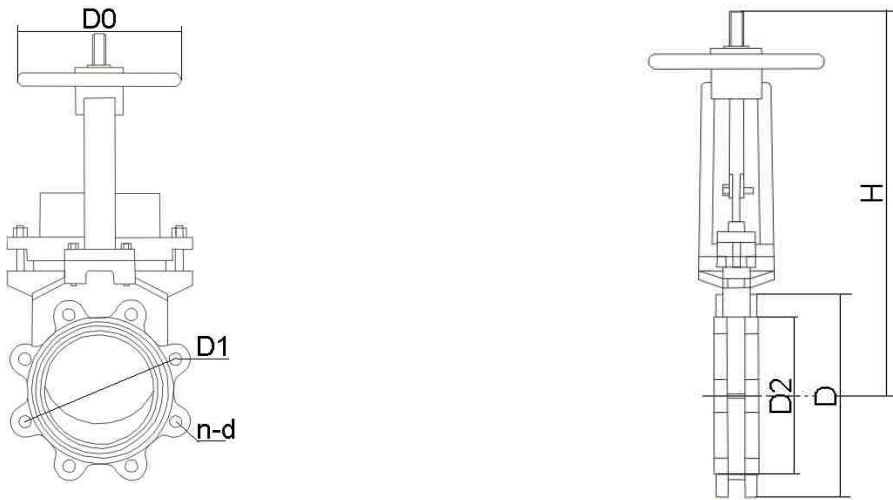
主要零件材料 Materials of major parts

No	零件名称 accessory name	材质 Material ASTM
1	阀杆 Stem	A182-F304
2	阀杆连接器 Yoke connection	A182-F304
3	填料 Packing	SFT-1
4	压盖 Gland	A216 WCB
5	闸板 Gate	A182-F304
6	阀座 Seat	A276-420
7	阀体 Body	A216 WCB

注：系列阀门主要零部件及密封面的材质可根据实际工况条件或用户特殊要求设计选用。

Note: Major parts of the valve series and materials of sealing surface differ according to casual working condition and customers' special requirements.

主要外型尺寸 External dimensions



压力等级 pressure	公称通径 Nominal diameter		法兰 Flanged type						
	mm	in	L	H	D0	D1	D2	D	n-Φd
Class150 PN10/16	50	2	48	350	180	120	92	152	4-19
	65	2½	48	375	200	140	105	178	4-19
	80	3	51	430	220	153	127	191	4-19
	100	4	51	505	240	191	157	221	8-19
	125	5	57	575	260	216	186	254	8-22
	150	6	57	660	280	242	216	279	8-22
	200	8	70	810	300	299	270	343	8-22
	250	10	70	1015	340	362	324	406	12-25
	300	12	76	1120	400	432	381	483	12-25
	350	14	76	1320	450	476	413	533	12-29
	400	16	89	1424	530	540	470	597	16-29
	450	18	89	1685	600	578	533	635	16-32
	500	20	114	1786	600	635	584	699	20-32
	600	24	114	2086	680	750	691	813	20-35
	650	26	114	2175	680	806	750	870	24-35
	700	28	127	2320	680	864	800	927	28-35
	750	30	127	2465	800	914	857	985	28-35
	800	32	127	2650	800	978	914	1060	28-41
900	36	154	2920	800	1086	1022	1168	32-41	
1000	40	165	3225	900	1200	1124	1289	36-41	
1200	48	190	3770	900	1422	1359	1511	44-41	
1400	56	190	4365	900	1651	1575	1746	48-48	
1500	60	203	4745	1000	1759	1676	1898	52-48	

注：本公司可以按照客户的要求设计制造非标产品，可以依照 GB、ASME、DIN 等标准设计和制造

Note: products can be designed to clients' requirements. Also can be designed and manufactured GB, ASME, DIN, BS standard.

Commitment on Quality Service

质量服务承诺

我们承诺我们公司的所有产品均按相应的国家或国际标准以及有关的法律法规的要求进行设计、制造和检验，保证符合相关的质量要求。

我们公司的产品质量保证期为 12 个月。用户对我公司产品提出质量异议，公司保证在接到客户提出异议后，24 小时做出处理意见。

我们公司的阀门产品由中国人民财产保险股份有限公司（**PICC**）承担质量保险。

We hereby confirm that the design, manufacture, and inspection of our products are strictly in accordance with the relevant state and international standards, and meet the relative quality requirement.

The guarantee period of our products is valid for 12 months. If any doubt to the quality of our products, we hereby promise to deal with it with in 24 hours upon receiving the quality objection.

Our valve series is guaranteed by PICC for insurance.



保险证
Insurance card



Wenzhou coosaisai valve co., ltd
Quality Control Department

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