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单元号 Unit	含义 Meaning	各单元代号及说明 Code and description of each unit	
1	专用功能 Special features	H-带阻尼缓闭机构; N-有抗硫要求(NACE)的阀门; 没有专用功能省略本单元 H-slow closing mechanism with damping; N-has anti-sulfur requirements (NACE) of the valve; no special features omitted, the unit	
2	阀门类型 Valve type	H	
3	传动方式 Actuated Type	止回阀省略本单元 Check valve is omitted the unit	
4	连接形式 Connection Type	7-对夹连接; 7J-对夹连接, 环连接面; 4-法兰连接; 4J-法兰连接, 环连接面 7-wafer; 7J-wafer, ring joint surface; 4- flange connection; 4J- flange connection, ring joint face	
5	结构形式 Construction Type	1-升降式; 6-双瓣旋启式 1- Lift; 6- double disc swing	
6	密封面材料 Sealing Face	H-13Cr/13Cr; W-本体材料; Y-不锈钢/硬质合金; M-蒙乃尔合金; E-硬质合金/硬质合金; A-52号合金; T-铜合金; X-丁腈橡胶; F-聚四氟乙烯; S-氟橡胶; K-EPDM三元乙丙橡胶; G-硅橡胶 H-13Cr/13Cr; W-body materials; Y-stainless steel/ carbide; M-Monel; E-carbide /carbide; A-52 alloy; T-copper alloy; X-nitrile rubber; F-PTFE; S-fluorine rubber; K-EPDM ethylene propylene diene monomer; G-silicone rubber	
7	压力级 Pressure level	公称压力(欧洲体系) Nominal (European system)	6-PN0.6MPa; 10-PN1.0MPa; 16-PN1.6MPa; 25-PN2.5MPa; 40-PN4.0MPa; 63-PN6.3MPa; 100-PN10.0MPa; 160-PN16.0MPa; 250-PN25.0MPa
		公称压力(美洲体系) Nominal(Inter- American System)	20-PN2.0MPa; 50-PN5.0MPa; 110-PN11.0MPa; 150-PN15.0MPa; 260-PN26.0MPa; 420-PN42.0MPa
		磅级 Pound	A1-Class150; A3-Class300; A4-Class400; A6-Class600; A9-Class900; A15-Class1500; A25-Class2500
		JIS K级 JIS K-Class	K1-JIS 10K; K2-JIS 20K
8	阀体材料 Body Material	C-WCB; A105; C6-WC6; F11; C9-WC9; F22; CL-LCB; LF1; P8-CF8; 304; P3-CF3; 304L; R8-CF8M; 316; R3-CF3M; 316L; P+ZG1Cr18Ni9Ti; 1Cr18Ni9Ti; R-ZG1Cr18Ni12Mo2Ti; 1Cr18Ni12Mo2Ti; Ti-钛及钛合金; T-铜及铜合金	
9	内件材料 Trim materials	用户没有特殊 要求, 省略本代号 User does not have	P8-304; P3-304L; R8-316; R3-316L; M-Monel; A-20号合金; T-铜合金; Ti-钛及钛合金
10	弹簧材料 Spring material	special Requirements of this code is omitted	A-20 alloy; T-copper alloy; Ti-titanium and titanium alloy P8-304; P3-304L; R8-316; R3-316L; N6-Inconel 600; N7-Inconel 750
11	辅助标记 Auxiliary marker	一般情况下 省略本代号 Under normal circumstances The code is omitted	L-PN1.0~PN4.0MPa长系列对夹升降式止回阀; D-PN16.0MPa压力级, 采用GB/T9112-9124、 HG20592-20614、DIN 2543-2548法兰标准的止回阀; T-采用凸耳对夹连接结构的双瓣旋启式止回阀 L-PN1.0~ PN4.0MPa a long series of valve lift on the folder; D-PN16.0MPa pressure level, the use of GB/T9112-9124, HG20592- 20614, DIN 2543-2548 standard check valve flange; T-lug on the wafer using the structure of the double disc swing check valve.

订货须知

1、公称尺寸大于等于DN100mm(NPS4), 以选用H76型对夹双瓣旋启式止回阀为宜, 可有效减小止回阀的流体阻力损失; 公称尺寸小于等于DN80mm(NPS3), 以选用H71型对夹升降式止回阀为宜。

2、公称尺寸小于等于DN100mm (NPS4) 的H71型对夹升降式止回阀由于结构小巧, 另外考虑到加工工艺, 一般不生产碳钢止回阀, 建议用户选用不锈钢对夹升降式止回阀。

3、我公司可以生产凸耳对夹双瓣旋启式止回阀, 但订货时应注明。一般建议用户选用常规对夹式止回阀, 这样用户可以从节约费用、缩短交货期, 而且常规对夹式止回阀与凸耳对夹式止回阀的使用性能完全相同。凸耳对夹式止回阀有如下几种结构, 如果用户没有特殊要求, 结构形式一般由本公司根据制造工艺确定。一般法兰螺栓孔数量小于等于12个的凸耳采用花法兰, 法兰螺栓孔数量大于等于16个的凸耳采用圆法兰, 锻钢阀体一般采用实心圆法兰。

4、部分双瓣旋启式止回阀可以采用双法兰结构设计 (H46型), 可以采用双法兰结构设计的止回阀规格见下表, 由于受阀门结构长度的限制, 部分规格的阀门无法采用双法兰结构的设计。

可以采用以法兰结构设计的双瓣旋启式止回阀规格范围									
压力级	Class 150 PN20	Class 300 PN50	Class 600 PN110	Class 900 PN150	PN10 PN16	PN25	PN40	PN63	PN100
口径范围	≥NPS6 ≥DN150	≥NPS8 ≥DN200	≥NPS10 ≥DN250	≥NPS10 ≥DN250	≥DN125	≥DN200	≥DN200	≥DN150	≥DN250

5、凸耳对夹双瓣旋启式止回阀的凸耳法兰仅仅起定位作用, 凸耳不承受螺栓力, 因此凸耳法兰的厚度不是按标准法兰的厚度设计, 通常凸耳法兰的厚度小于标准法兰的厚度。而双法兰接双瓣旋启式止回阀的法兰承受螺栓力, 其法兰厚度按法兰标准设计。

6、公称压力PN1.0MPa、PN1.6MPa、PN2.5MPa及PN4.0MPa的对夹升降式止回阀有两种结构长度系列。采用短系列止回阀价格较低, 但止回阀与管道法兰之间可能需要采用非标准的连接垫片, 如果采用长系列止回阀, 可以配制标准法兰垫片。

7、为了方便用户的使用, 本公司可提供对夹式止回阀的配套法兰、垫片、连接螺栓及螺母, 但用户需要在订货时注明。

8、典型产品可按样本中所列型号进行订货, 其它产品可按样本型号编制方法确定型号订货, 如还有特殊要求, 请在订货合同中予以说明。

Ordering information

1. Nominal size greater than or equal DN100mm (NPS4), to use H76 double disc wafer type swing check valve is appropriate, the check valve can effectively reduce the loss of fluid resistance: Nominal size less than or equal DN80mm (NPS3) to use H71-type wafer lift check valve is appropriate.

2. Nominal size of less than or equal DN100mm (NPS4) of the H71-type wafer lift check valve as compact, while taking into account the manufacturing process, generally does not produce carbon steel check valve, the user is made of stainless steel lift check valve Wafer.

3. We company Lug wafer can produce double-disc swing check valve, but the order should be specified. Generally recommend that users use conventional wafer type check valve, so that users can Save costs, shorten delivery time, and the conventional wafer type check valve and lug wafer type check valve performance identical. Lug Wafer Check Valve There are several structures, if the user does not have special requirements, structure generally determine the Company under the manufacturing process. Generally less than or equal the number of flange bolt holes 12 lugs with flange, flange bolt hole number greater than or equal to 16 lugs with around flange, forged steel valve flange generally use solid round.

4. Part of the double disc swing check valves dual flange design (H46 type), you can double check valve flange design specifications of the table below, the length of the valve structure due to the restrictions, some of the specifications of the valve do not be dual-flange structural design.

5. Lug wafer double disc swing check valve's lug positioning flange only from the role of lug bolts do not bear the force, so the thickness of the flange lugs are not at the standard thickness of flange design, usually lug flange thickness is less than the thickness of standard flanges. And then double-valve double flanged swing check valve flange bolt force to bear, the flange thickness at the flange standard design.

6. Nominal PN1.0MPa, PN1.6MPa, PN2.5MPa and PN4.0MPa the wafer lift check valve, there are two structural length series. Check valve with a short series of lower prices, but between the valve and pipe flange connection may need to use non-standard pads, if we adopt a long series of check valves, can be prepared the standard flange gasket.

7. In order to facilitate the use of user, the company provides wafer type check valve supporting flanges, gaskets, bolts and nuts, but users need to specify when ordering.

8. Typical products according to the models listed in the order samples, and other products can be identified in this type of model for the sample order, as well as special requirements, please be stated in the contract.