

过滤器型号编制

Strainer Figure Number System

种类Type	标准Standard	驱动Drive	连接Connection	结构Style	材质Material
K-过滤器	G-GB	0-手柄	2-内螺纹	1-Y型	T-铜
	A-API	2-电动	3-法兰	2-T型	Z-铸铁
	D-DIN		5-焊接	3-U型	C-铸钢
	J-JIS			4-刷式	S-不锈钢
				5-篮式直通	Q-球墨铸铁
				6-篮式高低	
				7-扩散过滤器	
				8-直通反冲洗	
				9-角式反冲洗	
				0-清洗过滤器	

备注：低温阀型号前加"D"；锥形过滤器型号：TEK-G-I；平顶锥形过滤器型号：TEK-G-II。

Remarks: Cryogenic valve model before the "D" ; Cone Type Strainer Model: TEK-G-I ; Flat-top Cone Type Strainer Model: TEK-G-II.

过滤器概述

Strainer Overview

过滤器是安装在管道中的设备，用于在试运行期间清除管道流中的杂质，并在系统运行期间保护泵和其他设备。当流体流过安装在过滤器内部的滤网时，杂质被过滤。

A strainer is equipment installed in pipelines to remove debris from the pipeline flow during pre-commissioning tests and to protect the pump and other instruments during commercial operation. The debris is filtered as the fluid flows through the screen installed inside the strainer.

过滤器通常为阀体及过滤网组成，一般安装在管路设备的进口端。过滤精度可由滤网的大小来控制，过滤面积可定做。过滤器会产生阻力损失，水用过滤器在一般计算额定流速下，压力损失为0.52~1.2kpa。

Strainer is usually composed of a valve body and a filter, and is generally installed on the inlet end of the pipeline equipment. Filter accuracy can be controlled by the size of the filter, filter area can be customized. The filter will have a loss of resistance, water filters in the general calculation of the rated flow rate, the pressure loss of 0.52 ~ 1.2kpa.

滤网目数换算Filter mesh conversion

目数	微米	目数	微米	目数	微米	目数	微米
2.5	7925	12	1397	60	245	325	47
3	5880	14	1165	65	220	425	33
4	4599	16	991	80	198	500	25
5	3962	20	833	100	165	625	20
6	3327	24	701	110	150	800	15
7	2794	27	589	180	83	1250	10
8	2362	32	495	200	74	2500	5
9	1981	35	417	250	61	3250	2
10	1651	40	350	270	53	12500	1

滤网目数示意图Filter mesh diagram

