

“ConF V5” 系列

对夹式,二通型动态流量平衡阀

产品详细说明



特色:

- 在此平衡阀设计中,随着系统压力的波动,动态平衡阀胆会自动的上下运动以改变开度,从而保持管道的流量始终不变;
- 在流量自动调节时无须任何外部能量;
- 能自动的调节设备或管道流量达到所要求的设计流量;
- 紧凑的设计节省了安装空间;
- 简化了设计时管道系统的计算工作量;
- 安装工作方便快捷;
- 系统运行前无须进行平衡调试;
- 不锈钢阀胆确保了阀门耐腐蚀能力强、工作寿命长。

应用:

霍尼韦尔“ConF V5”系列对夹式动态流量平衡阀是暖通空调水系统用于流量控制的一种新型平衡阀产品,当系统压力在工作压差范围内波动时它能动态地平衡这种压力变化而保持所在管道的流量恒定。

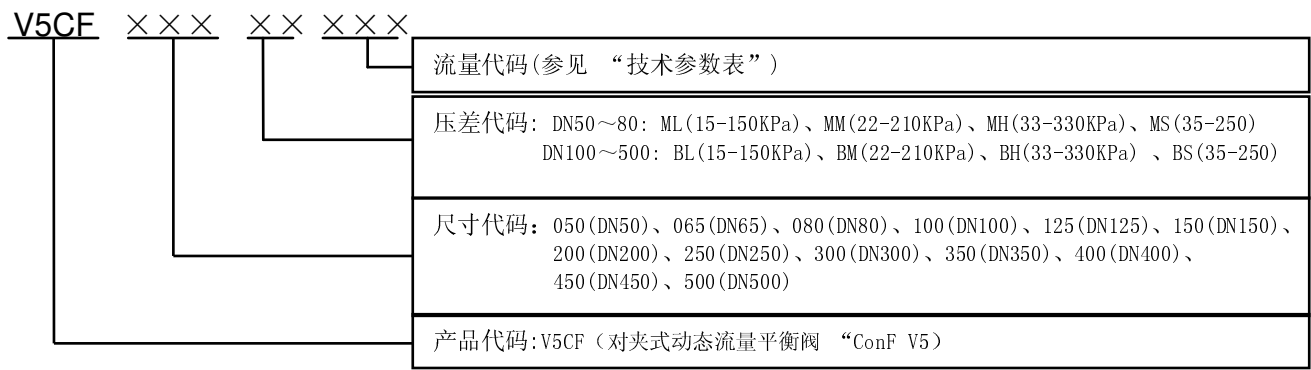
“ConF V5”系列对夹式动态流量平衡阀不仅能应用于暖通空调系统的流量控制,也可应用于其它的有相同功能要求的工作场合。

“ConF V5”系列对夹式动态流量平衡阀是一种动态平衡、无须任何外部能量的二通型流量控制阀,规格尺寸为DN50-DN500,它由球墨铸铁阀体和在内阀体内部的动态流量阀胆组成。

主要技术参数:

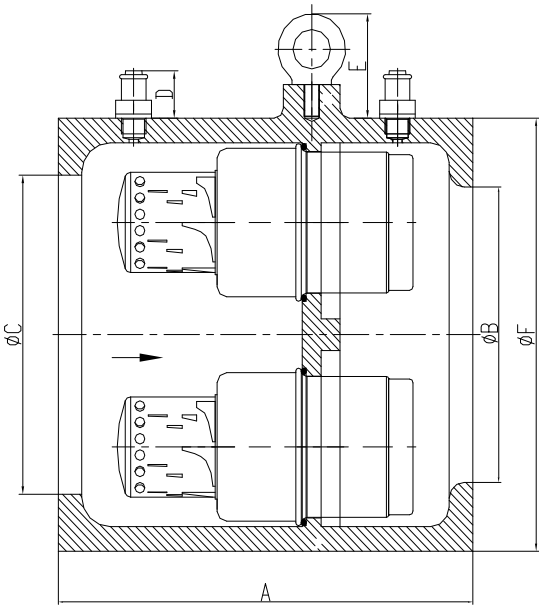
尺寸范围:	DN50~500(2" ~ 20")
流量精度:	5%
额定压力:	静压 375 psi (25 Bars), 极限压力 1875 psi (125 Bars)
法兰连接:	与DIN EN 1092-1 2002兼容
介 质:	水
介质温度:	0~ 110℃
材 质:	阀体 球墨铸铁 阀胆 不锈钢 O型圈 EPDM
环境温度:	0 ~ 65℃
运输存储温度:	-40 to +65℃
大 气:	无腐蚀无爆炸
尺 寸:	参见附表

OS 代码构成:

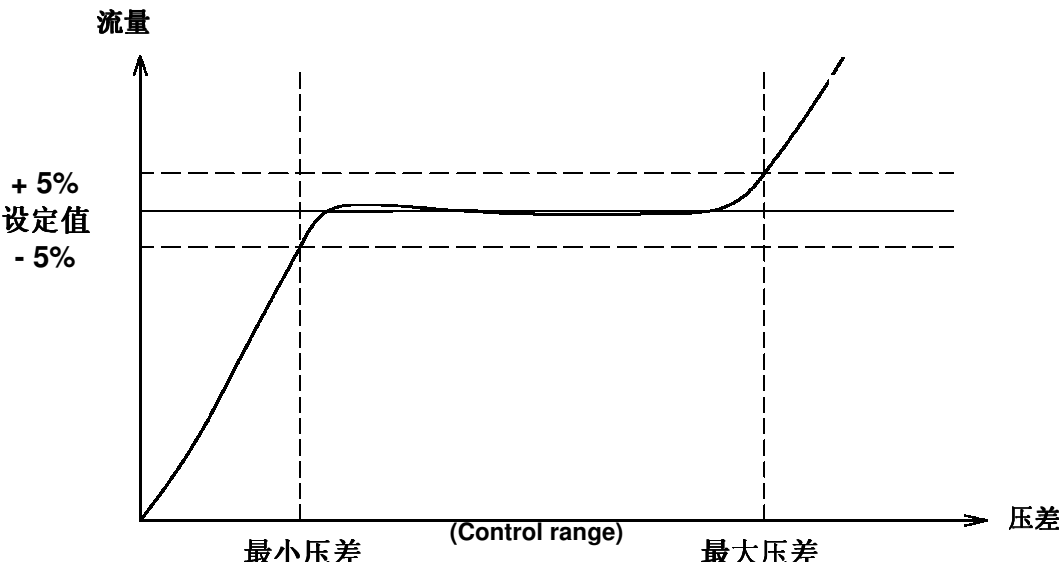


尺寸重量表:

尺寸	A	B	C	D	E	F	重量(Kg)
DN50	180	50	83	24		106	5.7
DN65	180	65	83	24		120	5.9
DN80	180	80	83	24		132	6.2
DN100	220	100	133	24		177	10.7
DN125	220	125	140	24		193	15.3
DN150	220	150	162	24	53	220	21.7
DN200	220	200	214	24	53	280	30.2
DN250	220	250	280	24	53	341	34.5
DN300	223	300	328	24	69	400	50.7
DN350	223	350	382	24	69	448	58.8
DN400	242	400	440	24	69	510	90.3
DN450	242	450	487	24	69	560	110.8
DN500	242	500	545	24	69	618	149.7



流量—压差特性曲线:



技术参数表:

规格	压差范围 (KPa)	流量(m ³ /h)/流量代码
DN50	15-150	5.44/003,5.90/004,6.37/005,6.80/006,7.27/007,7.70/008,8.17/009,8.64/010,9.07/011,9.54/012,10.01/013,10.44/014,10.91/015,11.34/016,11.81/017,12.28/018,12.71/019,13.18/020,13.95/021
	22-210	14.18/016,14.76/017,15.34/018,15.91/019,16.45/020,17.43/021
	33-330	17.93/019,18.54/020,19.42/021
	35-250	20.32/022,21.25/023,22.25/024,23.35/025,24.50/026,25.63/027,26.75/028,27.93/029,29.04/030,30.25/031,31.52/032,32.82/033,34/034,35.10/035,36.3/036
DN65	15-150	6.80/006,7.27/007,7.70/008,8.17/009,8.64/010,9.07/011,9.54/012,10.01/013,10.44/014,10.91/015,11.34/016,11.81/017,12.28/018,12.71/019,13.18/020,13.95/021
	22-210	14.18/016,14.76/017,15.34/018,15.91/019,16.45/020,17.43/021
	33-330	17.93/019,18.54/020,19.42/021
	35-250	20.32/022,21.25/023,22.25/024,23.35/025,24.50/026,25.63/027,26.75/028,27.93/029,29.04/030,30.25/031,31.52/032,32.82/033,34/034,35.10/035,36.3/036
DN80	15-150	7.27/007,7.70/008,8.17/009,8.64/010,9.07/011,9.54/012,10.01/013,10.44/014,10.91/015,11.34/016,11.81/017,12.28/018,12.71/019,13.18/020,13.95/021
	22-210	14.18/016,14.76/017,15.34/018,15.91/019,16.45/020,17.43/021
	33-330	17.93/019,18.54/020,19.42/021
	35-250	20.32/022,21.25/023,22.25/024,23.35/025,24.50/026,25.63/027,26.75/028,27.93/029,29.04/030,30.25/031,31.52/032,32.82/033,34/034,35.10/035,36.3/036
DN100	15-150	8.17/009,9.07/011,10.01/013,10.91/015,11.81/017,12.71/019,13.61/021,15.40/023,17.28/025,19.08/027,20.88/029,22.68/031,24.56/033,26.89/035
	22-210	28.36/031,30.68/033,32.9/035,36.08/037
	33-330	37.66/035
	35-250	39.26/035,41.1/037,43.21/039,45.33/041,47.58/043,50.01/045,52.55/047,55.32/049,58.13/051,61.05/053,64.81/055,68.15/057,71.65/059,75.33/061,79.13/063,82.15/065,85.4/067
DN125	15-150	11.81/017,12.71/019,13.61/021,15.40/023,17.28/025,19.08/027,20.88/029,22.68/031,24.56/033,26.89/035,28.62/037,31.32/039,34.02/041,36.84/043,40.09/045
	22-210	42.52/041,46.02/043,50.02/045
	33-330	51.84/043,56.26/045
	35-250	58.13/051,61.05/053,64.81/055,68.15/057,71.65/059,75.33/061,79.13/063,82.15/065,85.4/067,89.73/069,94.22/071,99.05/073,103.9/075,109.2/077,114.7/079,120.4/081,124.3/083,128.1/085
DN150	15-150	15.40/023,17.28/025,19.08/027,20.88/029,22.68/031,24.56/033,26.89/035,28.62/037,31.32/039,34.02/041,36.84/043,40.09/045,41.76/047,45.36/049,49.12/051,53.27/053
	22-210	56.72/049,61.36/051,66.24/053
	33-330	69.12/051,75.07/053
	35-250	79.13/063,82.15/065,85.4/067,89.73/069,94.22/071,99.05/073,103.9/075,109.2/077,114.7/079,120.4/081,124.3/083,128.1/085,134.6/087,141.3/089,148.3/091,155.7/093,163.5/095,170.8/097
DN200	15-150	40.09/045,41.76/047,45.36/049,49.12/051,53.27/053,57.19/055,63.49/057,70.07/059,76.37/061,82.67/063,88.97/065,97.14/067
	22-210	99.26/069,103.32/071,107.38/073,111.37/075,115.15/077,121.15/079
	33-330	123.56/075,127.95/077,134.19/079
	35-250	141.3/089,148.3/091,155.7/093,163.5/095,170.8/097,179.3/099,188.3/101,197.7/103,207.7/105,218.1/107,229/109,240.5/111,252.5/113,265.4/115,282.7/117,298.9/119
DN250	15-150	70.07/059,76.37/061,82.67/063,88.97/065,97.14/067,104.94/069,114.84/071,124.74/073,135.08/075,146.23/077
	22-210	155.98/091,162.36/093,168.74/095,175.01/097,180.95/099,189.58/101
	33-330	193.38/097,200.89/099,209.33/101
	35-250	218.1/107,229/109,240.5/111,252.5/113,265.4/115,282.7/117,298.9/119,310.5/121,322.9/123,339.1/125,356.2/127,374.1/129,392.8/131,412.3/133,433.2/135,451.1/137,469.7/139
DN300	15-150	104.94/069,114.84/071,124.74/073,135.08/075,146.23/077,150.15/079,163.65/081,177.15/083,190.65/085,206.47/087
	22-210	212.7/107,221.4/109,230.1/111,238.65/113,246.75/115,257.88/117
	33-330	259.2/113,268.95/115,278.1/117,290.33/119
	35-250	298.9/119,310.5/121,322.9/123,339.1/125,356.2/127,374.1/129,392.8/131,412.3/133,433.2/135,451.1/137,469.7/139,498.9/141,527/143,553.5/145,581.3/147,610.2/149,640.5/151

规格	压差范围 (KPa)	流量(m ³ /h)/流量代码
DN350	15-150	163.65/081,177.15/083,190.65/085,206.47/087,213.50/089,226.8/091,236.2/093,245.6/095,254.2/097,263.6/099,275.7/101

	22-210	277.9/121,289.4/123,301/125,312.5/127,323.6/129,336.9/131
	33-330	352.1/129,364.7/131,380.8/133
	35-250	392.8/131,412.3/133,433.2/135,451.1/137,469.7/139,498.9/141,527/143,553.5/145,581.3/147,610.2/149,640.5/151,673.2/153,707.8/155,743.3/157,780.2/159,817.1/161,854/163
DN400	15-150	190.65/085,204.15/087,213.50/089,226.8/091,236.2/093,245.6/095,254.2/097,263.6/099,275.7/101,283.5/103,295.25/105,307/107,317.75/109,329.5/111,343.67/113
	22-210	348.8/133,363.2/135,377.7/137,392.05/139,405.85/141,422.44/143
	33-330	432/141,448.25/143,463.5/145,482.33/147
	35-250	498.9/141,527/143,553.5/145,581.3/147,610.2/149,640.5/151,673.2/153,707.8/155,743.3/157,780.2/159,817.1/161,854/163,897.4/165,940.5/167,986.3/169,1027/171,1067.5/173
DN450	15-150	245.6/095,254.2/097,263.6/099,275.7/101,283.5/103,295.25/105,307/107,317.75/109,329.5/111,343.67/113,351.54/115,366.11/117,380.68/119,394.01/121,408.58/123,424.88/125
	22-210	431.03/145,448.86/147,466.84/149,484.66/151,501.85,153,522.41/155
	33-330	546.08/153,565.59/155,590.37/157
	35-250	610.2/149,640.5/151,673.2/153,707.8/155,743.3/157,780.2/159,817.1/161,854/163,897.4/165,940.5/167,986.3/169,1027/171,1067.5/173,1121/175,1177/177,1228.4/179,1279.8/181,1323.7/183
DN500	15-150	275.7/101,283.5/103,295.25/105,307/107,317.75/109,329.5/111,343.67/113,351.54/115,366.11/117,380.68/119,394.01/121,408.58/123,424.88/125,436.97/127,454.36/129,470.27/131,487.66/133, 512.28/135
	22-210	522.41/155,536.26/157,557.72/159,578.98/161,599.47/163,642.42/165
	33-330	652.36/163,675.61/165,725.39/167
	35-250	743.3/157,780.2/159,817.1/161,854/163,897.4/165,940.5/167,986.3/169,1027/171,1067.5/173,1121/175,1177/177,1228.4/179,1279.8/181,1323.7/183,1390/185,1455.5/187,1520.5/189,1579.9/191

安装说明：

1. 仔细地阅读该安装说明并确保按照该说明的方法进行安装工作。不按说明安装可能导致产品无法正常工作、甚至导致如系统无法正常工作等严重后果；

2. 将设备要求的额定参数与产品上标示的额定参数进行对照，确保产品的额定流量满足应用的要求；

3. 安装人员必须是经过培训的、有经验的，以确保安装工作顺利完成；

4. 在安装结束后必须进行彻底地检查以确保安装无误；

5. **重要提示：**
为确保安装工作不出现任何意外，在产品安装前必须对管道系统进行彻底地的清洗（必要时采用化学试剂），以确保管道系统的清洁、无锈蚀和污垢，在冲洗前必须t移去所有的过滤装置以确保管道通畅；

6. 建议在系统初始清洗时设备安装管道处安装临时管道，待冲洗工作完成后在将设备安装到管道上；

7. 注意该设备不要使用在介质含有较多油脂、矿物油等粘度较高或有腐蚀性的地方；

8. 在安装时应注意确保水流方向于阀体标识的箭头方向一致，错误的安装将导致水系统阻塞甚至瘫痪；

9. 注意在安装时不要损坏吊装环（DN200以上）。

