



3-WAY、4-WAY PLUG VALVE 三通、四通旋塞阀

PRODUCT STRUCTURAL FEATURES 产品结构特点:

3-way、4-way plug valve is applicable to change the media flowing direction or to distribute the media, that are used in various industries such as、petroleum, chemical industry, pharmacy, chemical fertilizer, power, industry etc. under nominal pressure class 150-900LBS, PN1.0-16.0, Working temperature -29°C ~ 550°C.

三通、四通旋塞阀适用于压力CLASS150-900LBS,PN1.0-16.0,工作温度-29-550°C的石油、化工、制药、化肥、电力行业等各种工况的管路上,多用于改变介质流动方向或进行介质分配。

MAIN STRUCTURAL FEATURES 其主要结构特点:

- 1、The product has reasonable structure, reliable sealing, excellent performance and beautiful appearance.
- 2、According to different conditions, the 3-way、4-way plug valve can be designed into diverseful media flowing forms(eg."L" type or "T" type) for all kinds of material (eg.Iron、cast steel、stainless steel) or unlike sealing forms(eg. Metal to metal sleeve Type,lubricated, etc)。
- 3、The materials of the parts and sizes of flanges can be reasonably configured according the actual operation condition of the requirements of the customers, so as to meet the various needs of engineering.

- 1、产品结构合理、密封可靠、性能优良、造型美观;
- 2、可根据管路工况要求,设计成多种流通形式(如L型、T型等)、多种材质(如铸铁、铸钢、不锈钢)、多种密封形式(如硬密封、卡套密封、油密封等)的三通、四通旋塞阀。
- 3、零件材质及法兰尺寸可根据实际工况或用户要求合理选配,满足各种工程需要。

TECHNICAL SPECIFICATION 技术规范:

结构形式 Structural formation	BB-BG
驱动方式 Driving manner	手柄、蜗轮蜗杆传动、气动、电动 Wrench wheel, worm & worm gear、pneumatic, electric-actuated
设计标准 Design standard	API 599, API 6D, GB12240
结构长度 Face to face	ASME B16.10, GB12221, DIN3202
连接法兰 Flange ends	ASME B16.5, JB79, GB9113, DIN2543-2545
试验和检验 Test & inspection	API590, API6D, GB13927, DIN3230

PRODUCTS PERFORMANCE SPECIFICATION 产品性能规范:

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test
150	3.0	2.2
300	7.5	5.5
600	15.0	11.0
900	22.5	16.5

公称压力(LB) Nominal pressure	壳体试验压力(MPa) Shell test	密封试验压力(MPa) Sealing test
1.6	2.4	1.76
2.5	3.75	2.75
4.0	6.0	4.4
6.4	9.6	7.04
10.0	15.0	11.0
16.0	24.0	17.6

Bore forms & media flowing forms for 3-way, 4-way plug valve

三通、四通旋塞阀的几种通孔形式及介质流动形式

旋塞结构形式(1)
Plug struture(1)



流通形式 Media flowing forms

1 A→B 2 B→C 3 全开 Fully closed



旋塞结构形式(2)
Plug struture(2)

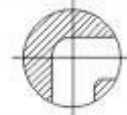
流通形式
Media flowing forms
1 A→B→C
2 全开 Fully closed



旋塞结构形式(3)
Plug struture(3)

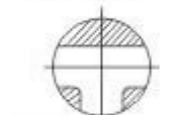
流通形式
Media flowing forms
1 A→B 2 B→C
3 全开 Fully closed

旋塞结构形式(4)
Plug struture(4)



流通形式
Media flowing forms
1 A→B 2 B→C
3 全开 Fully closed

旋塞结构形式(5)
Plug struture(5)



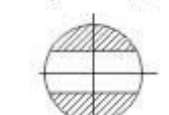
流通形式
Media flowing forms
1 A→B→C 2 A→B
3 B→C A→C

旋塞结构形式(6)
Plug struture(6)



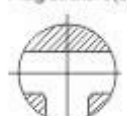
流通形式
Media flowing forms
1 A→B 2 B→C
3 C→D 4 D→A
5 全开 Fully closed

旋塞结构形式(7)
Plug struture(7)



流通形式
Media flowing forms
1 A→C 2 B→D

旋塞结构形式(8)
Plug struture(8)



流通形式
Media flowing forms
1 A→B→C 2 B→C→D
3 A→C→D 4 A→B→D

旋塞结构形式(9)
Plug struture(9)



流通形式
Media flowing forms
1 A→C C→D 2 A→B D→C
3 全开 Fully closed

