



CONTROL VALVE

球形调节阀
GLOBE TYPE

锆练能源科技（上海）有限公司
INO ENERGY EQUIPMENT CO., LTD.

产品介绍 Products





www.ino-energy.com



高压差高含固量减压阀

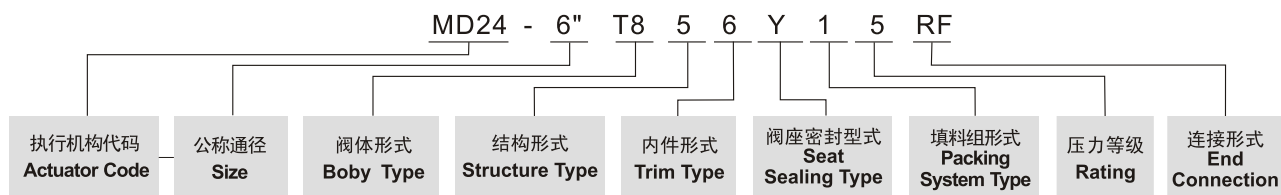
High differential pressure high
feststoffgehalt pressure reducing valve

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订货号体系 Order Numbering System



执行机构类型
Actuator Code

*请参考执行机构订货号体系

公称口径 Size	3/4in	1in	1 1/2in	2in	2 1/2in	3in	4in	6in	8in	10in	12in	14in	16-24in
对照代码 Code	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"	14"	16"-24"

阀体形式 Body Type	球形阀体 Globe Type
对照代码 Code	T8

结构形式 Structure Type	顶部导向单座 Top-Guided Single-Seated	套筒单座 Cage Retained Seat	套筒导向 Cage-Guided	未指定 TBA
对照代码 Code	1	3	5	0

内件形式 Trim Type	轮廓线阀芯 P-Port	V形窗口 V-Windows	小流量多级阀芯 MS-PLUG	1级多孔套筒 MH1S	2级多孔套筒 MH2S	3级多孔套筒 MH3S	迷宫碟片 Cmp-B	未指定 TBA
对照代码 Code	1	2	3	5	6	7	B	0

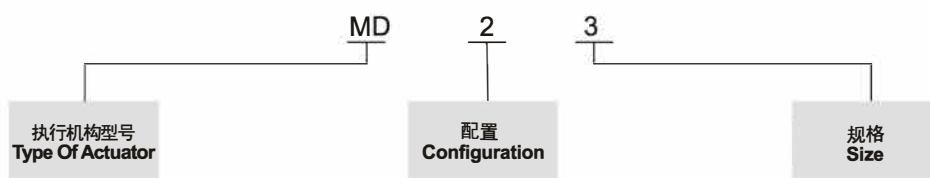
阀座密封形式 Sealing Type of Seat	硬密封 Metal Seal	软密封 Soft Seal	未指定 TBA
对照代码 Code	Y	R	0

填料组形式 Packing System Type	标准填料组 Std	动载填料组 Live Loading	正压双填料组 Double-P	真空双填料组 Double-V	正反双填料组 Double-V&P	未指定 TBA
对照代码 Code	1	2	3	5	6	0

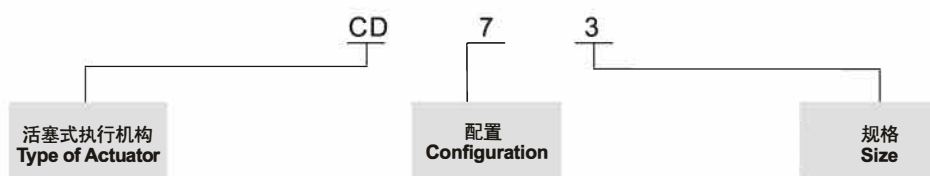
压力等级 Rating	150LB	300LB	600LB	900LB	1500LB	2500LB	未指定 TBC
对照代码 Code	1	2	3	4	5	6	0

连接形式 End Connection	RF	RTJ	FM	FF	BW	SW	NPT	未指定 TBC
对照代码 Code	RF	RTJ	FM	FF	BW	SW	NPT	0

执行机构订货号体系 Actuator Order Numbering System

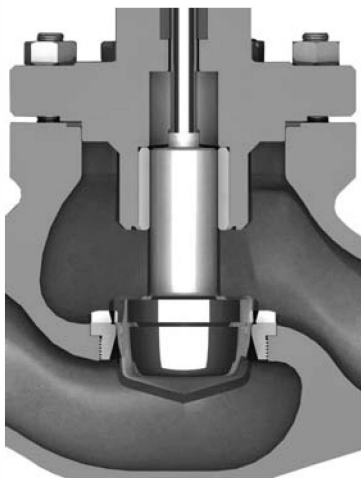


执行机构型号 Type Of Actuator	气动薄膜执行机构 SPRING/DIAPHRAGM ACTUATOR							
对照代码 Code	MD							
配置 Configuration	标准正作用 STD. DA	标准反作用 STD. RA	顶装手轮正作用 DA With Top Handle	顶装手轮反作用 RA With Top Handle	侧装手轮正作用 DA With Side Handle	侧装手轮反作用 RA With Side Handle	未指定 TBA	
对照代码 Code	1	2	3	4	5	6	0	
规格 Size	Φ 250	Φ 290	Φ 380	Φ 490	Φ 560			
对照代码 Code	1	2	3	4	5			



执行机构类型 Actuator Type	活塞式执行机构 PISTON ACTUATOR			
对照代码 Code	CD			
配置 Configuration	标准双作用 STD. Double	侧装手轮双作用 Double With Side Handle	未指定 TBA	
对照代码 Code	7	8	0	
规格 Size	8"	12"	16"	未指定 TBA
对照代码 Code	1	2	3	0

结构形式与内件形式 Structure Type & Trim Type

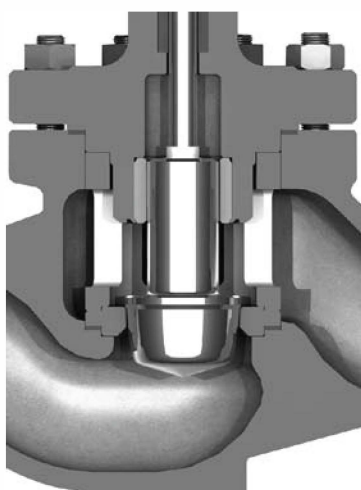


T8110型 Type T8110

T8110型调节阀采用顶部导向的结构形式,以P-PORT阀芯调节通过阀门的流率。

T8110系列结构简单,性价比高,改进的阀座设计使阀门在用于切断时有更好的表现。T8110型在低压场合有广泛的应用。

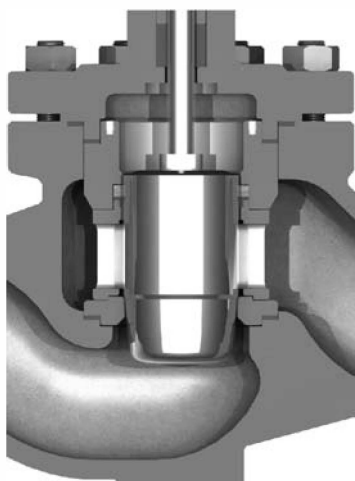
Type T8110 Control Valves adopt top-guided structure to regulate flow rate through valves by P-PORT plug. T8110 series is simple in structure and high in performance. Improved seat design has better performance apply to cut-off services. T8110 has wide range of application in low pressure conditions.



T8310型 Type T8310

T8310型调节阀的阀座由套筒紧固在阀体内,维护时无须专用工具拆卸阀座,且阀座与阀芯自动对中,密封性能优良,加强的导向设计让阀门具有出色的稳定性能,其中小规格T8310型调节阀能用于高温高压场合,广泛应用于电力,石油,化工等行业。

The seat of Type T8310 Control Valve is tightened in the body by means of a cage. When maintaining, seat doesn't need to be removed by special tools. Moreover, seat and plug can be self-alignment, with good seal properties. Strengthening guide design gives the valve excellent stable function. Among them, the small types of T8310 Control Valve can be applied to high pressure & high temperature condition, such as electrical power, oil etc.

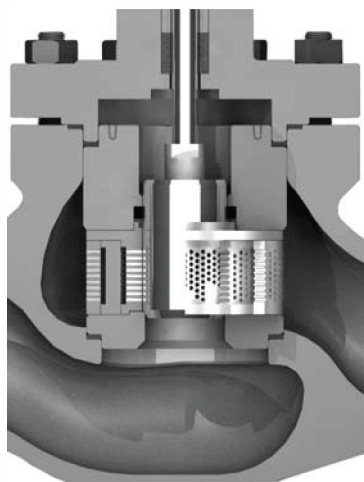


T8510型 Type T8510

T8510型调节阀采用套筒导向的结构形式,因此内件可以设计成压力平衡的结构,提供给阀门出众的动态稳定性能。阀座与内件自动对中,密封性能优秀。T8510系列非常适用于高压场合。

Type T8510 Control Valves adopt cage-guided structure, so the trim can be designed as pressure-balanced structure to provide excellent dynamic stability. Its seat and plug can be self-alignment, with good seal properties. T8510 is applied to high pressure conditions.

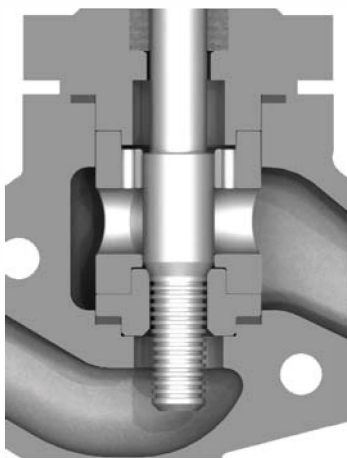
结构形式与内件形式 Structure Type & Trim Type



T8570型 Type T8570

T8570型采用套筒导向的结构形式,其多孔套筒内件使阀门能胜任高压差工况,消除气蚀现象,降低有害噪音。根据工况的恶劣程度,可选择一级套筒(MH1S)、二级套筒(MH2S)、三级套筒(MH3S),甚至更多的级数来达到理想的效果。一级套筒对应型号:T8550、二级套筒对应型号:T8560。T8300系列也可采用多孔套筒内件以适应严酷工况(T8350、T8360、T8370型),多级套筒内件用于控制干净介质之流速。适用于低压泵再循环,气体放空等工况。

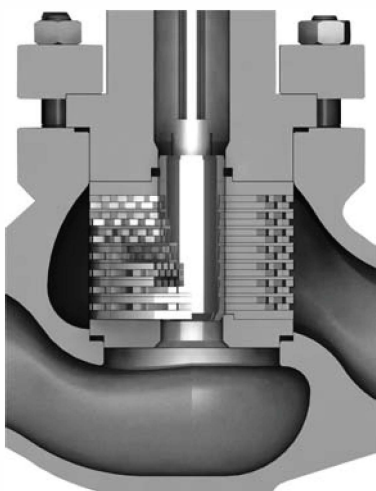
Type T8570 adopts cage-guided structure and its trim with multi-hole cage makes the valve competent for high differential pressure service, cavitation is eliminated and harmful noise is decreased. Based on severe level of the service conditions, 1 stage cage (MH1S), 2 stage cage (MH2S) or 3 stage cage (MH3S), even more series can be selected to achieve perfect effect. Corresponding model for MH1S is T8550 and MH2S is T8560. T8300 series can also adopt the structure of trim with multi-hole cage to suit for severe conditions (Type of T8350, T8360, T8370).



T8530系列 Type T8530

T8530型调节阀的阀芯上设计有许多道能够限制流体动能的小槽,可以抑止气蚀现象,适用于多孔套筒无法涉及的小流量(C_v 小于1.5)高压差场合。T8300系列也可以采用此多级阀芯以适应高压差场合(T8330型),多级阀芯用于控制干净液体介质之流速。

The valve plug of T8530 control Valve is designed with many small grooves which can restrict flow kinetic energy. This can restrain from cavitation. This type is applied to the service conditions of high differential pressure with small flow (C_v less than 1.5) which is incapable for multi-hole cage. T8300 series can also adopt such multilevel valve plug to apply to the conditions of high differential pressure (Type of T8330).

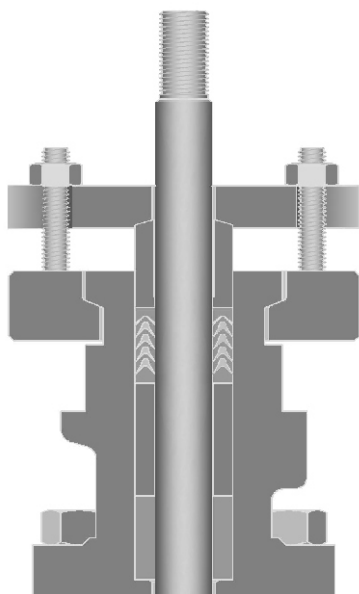


T85B0型 Type T85B0

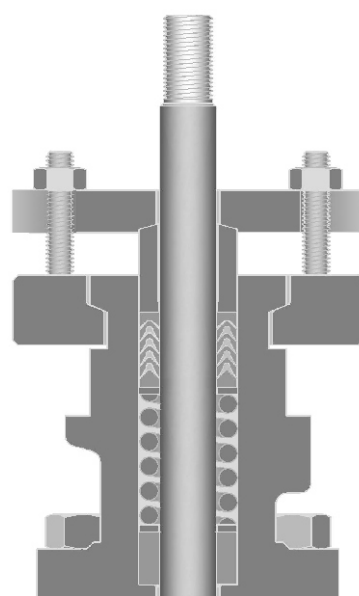
T85B0型调节阀采用迷宫节流技术,它具有更紧凑的设计,更多的级数来限制流体动能,适用于极端的高压差场合。适用于气体减压,压缩机再循环,气体放空等工况。

Type T85B0 Control Valves adopt labyrinth throttling technic, which possess more compact design and more stages to restrict flow kinetic energy. It is applied to extreme conditions of high differential pressure.

填料形式 Packing Type



(A)

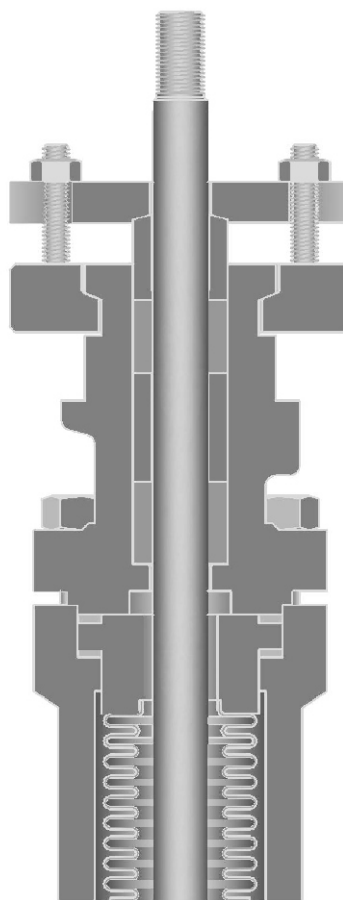


(B)

A. 标准填料组
Standard Packing System

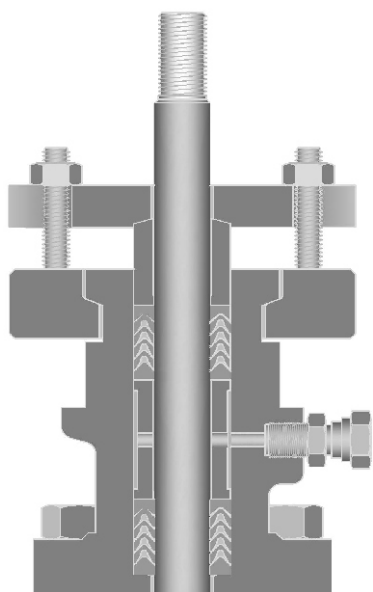
B. 动载填料组
Live loading Packing System

C. 波纹管密封阀盖
Bellow seal Bonnet



(C)

填料形式 Packing Type



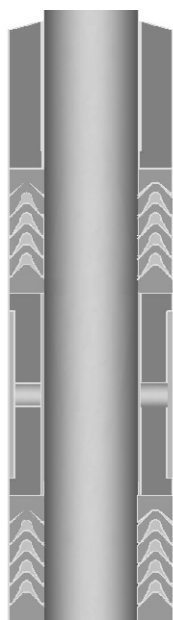
(D)

D.双填料组
Double Packing System

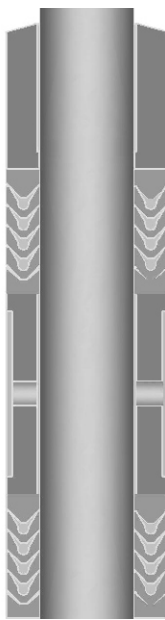
a.正压双填料组
Positive Pressures Double Packing System

b.真空双填料组
Vacuum Double Packing System

C.正负压双填料组
Positive & Vavuum Double Packing System



(a)



(b)



(c)

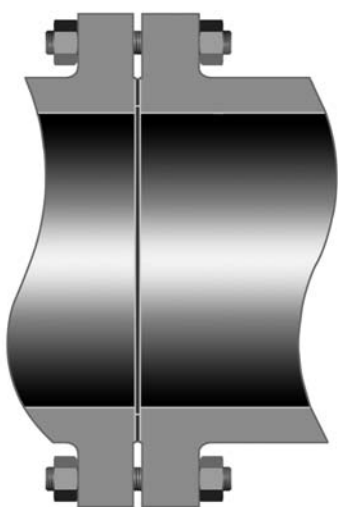
连接端形式 Types of end connections

连接端形式：突面法兰、全平面法兰、环连接法兰、对焊端连接、螺纹连接、承插焊连接和组合连接等多种形式，也可按客户的要求。

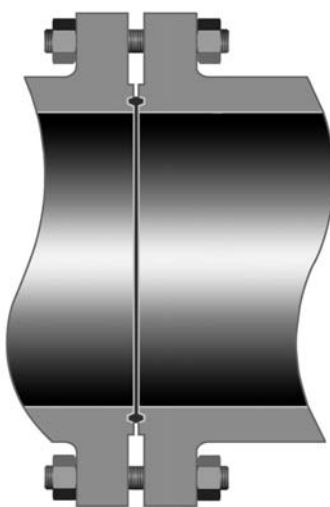
焊接端的制造根据ASME B16.25，需要用户提供管子的壁厚。

Types of end connections: raised face flanged ends, flat faces flanged ends, ring joint type flanged ends, welding ends butt weld, threaded, socket weld and combined ends and so on. we can meet the request by clients.

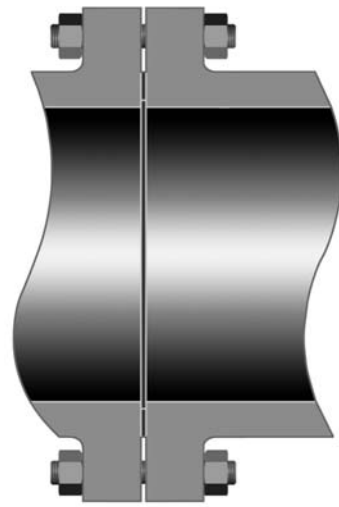
The butt weld ends in standard valves are machined in accordance with ASME B16.25, and need customers provide the wall thickness of pipe. the customer should be clearly specify the pipe wall thickness.



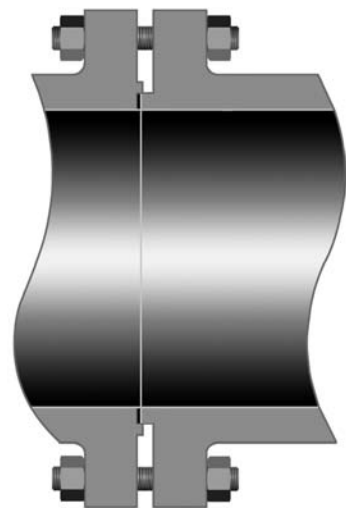
法兰连接：突面
Flanged Ends: RF



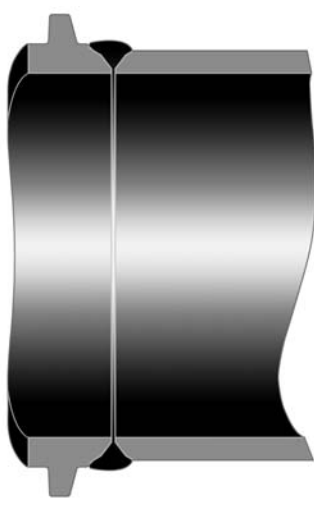
法兰连接：环连接
Flanged Ends: RTJ



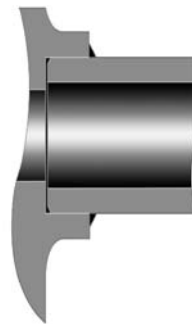
法兰连接：全平面
Flanged Ends: FF



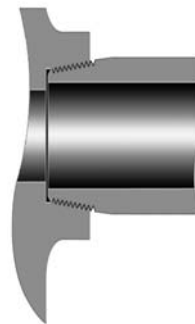
法兰连接：凹凸面
Flanged Ends: Male & Female Face



对焊端
BW

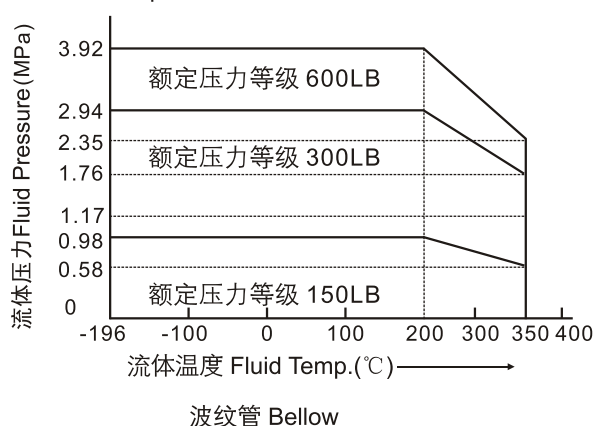
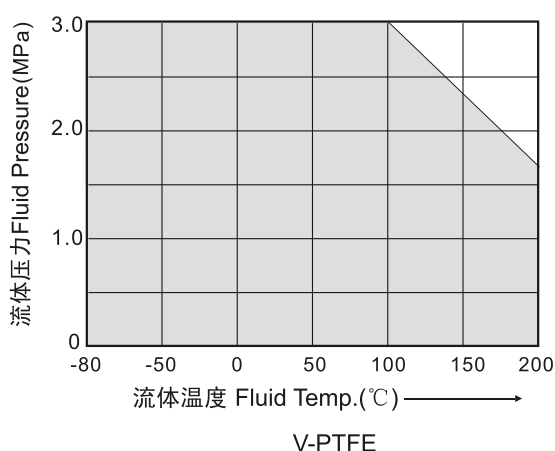
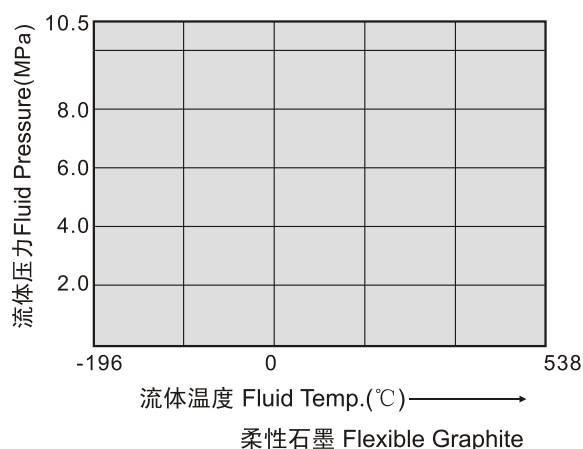


承插焊连接
SW

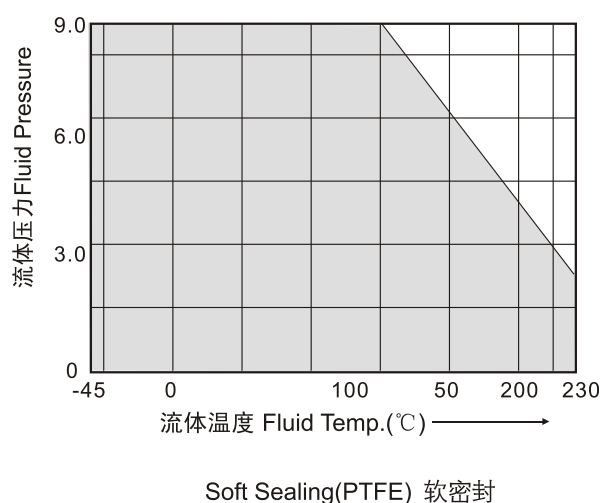
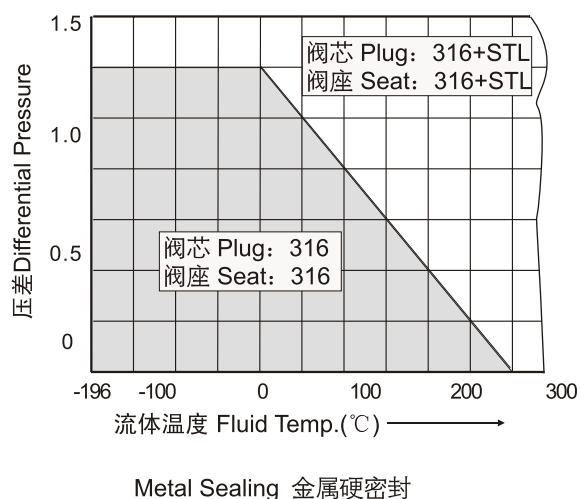


螺纹连接
NPT

填料使用温度·压力范围 Packing service temperature range of pressure



阀座密封材质选定标准 Selecting standard of seat sealing material



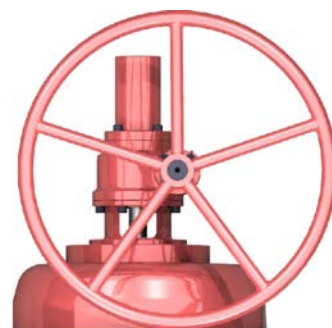
执行机构 Actuator



MD系列气动薄膜执行机构
MD Series Spring/Diaphragm
Actuator



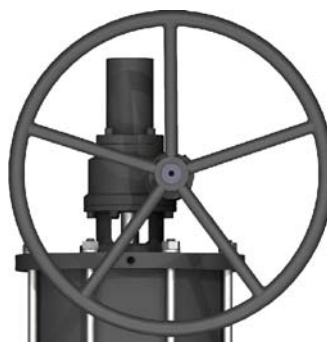
顶装手轮
Top Handle



侧装手轮
Side Handle



CD系列活塞式执行机构
CD Series Piston Actuator



侧装手轮
Side Handle

注意：慎江阀门可以为客户提供的执行机构不仅限于以上所示的形式与规格，慎江阀门与世界上许多著名执行机构制造商有紧密的合作，客户可以根据需求指定。

Note: The actuators provided by Shenjiang Valve Co.Ltd. are not limited to the types and sizes above mentioned, but also can supply as per customers requirements for SJV has close cooperation with many famous actuator manufactories in the world.

MD系列执行机构概要 MD Series Actuator General

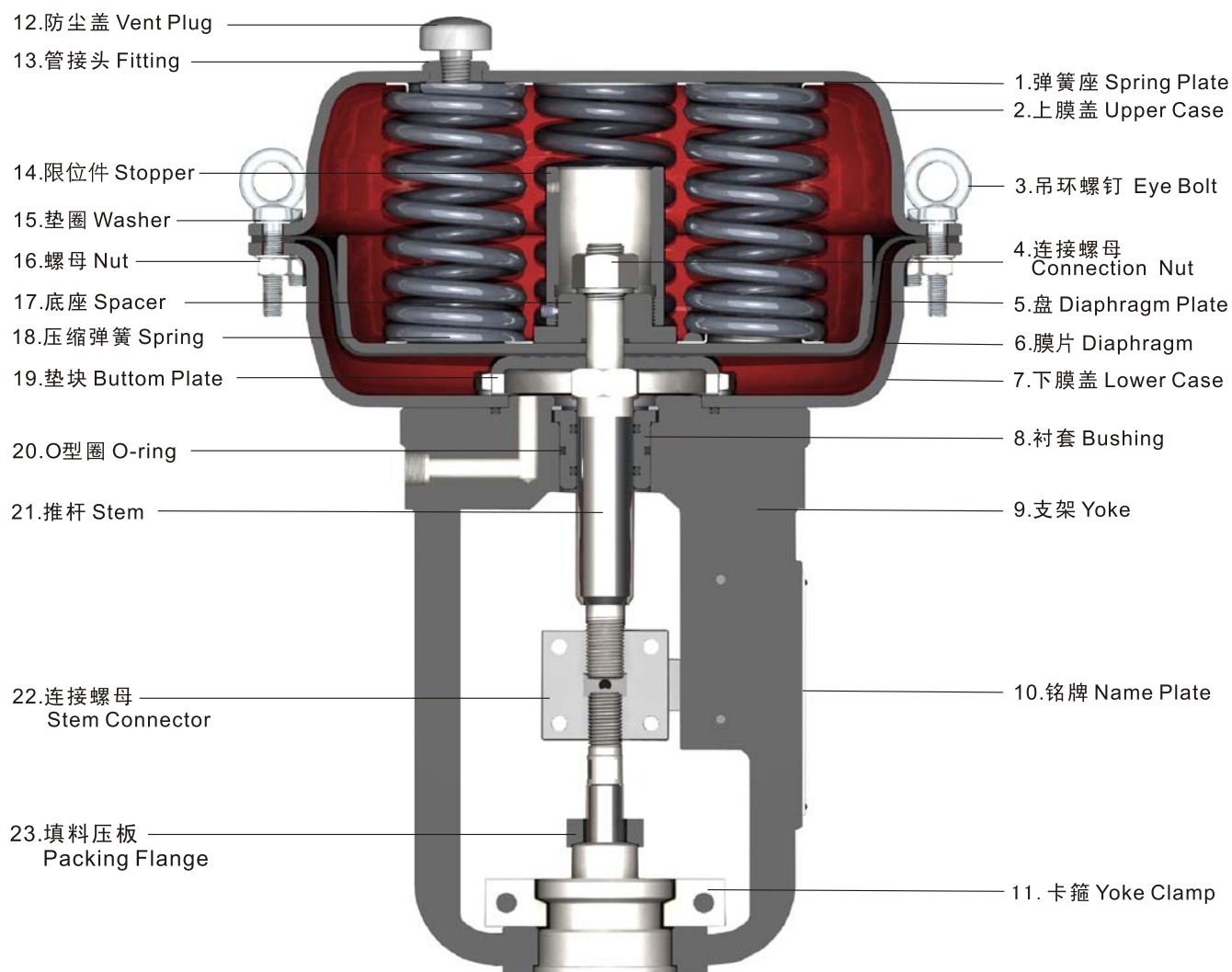
SJV MD 系列气动薄膜执行机构通过响应阀门定位器或其他控制器加载的气压信号控制阀门里阀芯的位置。

MD系列应用于直通阀, 它们提供的性能使调节阀的开关以及调节控制有了可靠的保障。

SJV MD Series spring/diaphragm actuator control the position of the valve plug in the valve by response of air signal loaded by the positioner or other controller.

MD Series are applied to straightway valve, Their performance provide reliable safeguard for open/close of control valve and adjustment control.

结构形式 Construction



MD系列气动薄膜执行机构

MD SERIES LINEAR STEM MOTION TYPE DIAPHRAGM ACTUATOR

MD系列特点 Featruce

优良的线性

较深的膜盖, 经改进的膜片托盘配合模压的膜片, 使得执行机构在动作过程中有效作用面积变化最小, 从而使气压信号与行程之间达到优良的线性关系。

高可靠性

一体式铸钢支架提供最好的强度和刚性。冲压成型的膜盖具有轻便但强度高的特点, 同时为过载情况下提供保护。膜片内含编织夹层, 增强了膜片的灵敏度, 同时也提高了寿命。

通用性

二十余种规格型号为执行机构提供了广泛的适用范围。

Good Linearity

Deeper diaphragm case and molded diaphragm mated with improved diaphragm plate, cause that actuator minimum the change of efficient effect area in the process of acting, so as to achieve good linearity relationship between air pressure signal and travel.

High Reliability

One-piece casting steel yoke provides best intensity and rigidity. Punched diaphragm case has characteristic of handiness but high intension, and provide safeguard in case of overload. Knitting inter-layers contained in the diaphragm strengthen the sensitivity of the membrane, simultaneously improve service life.

Generality

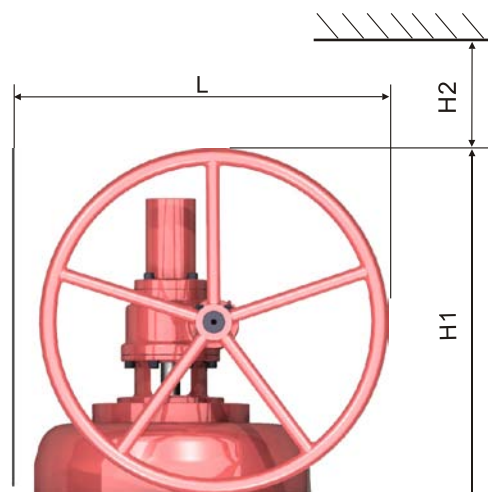
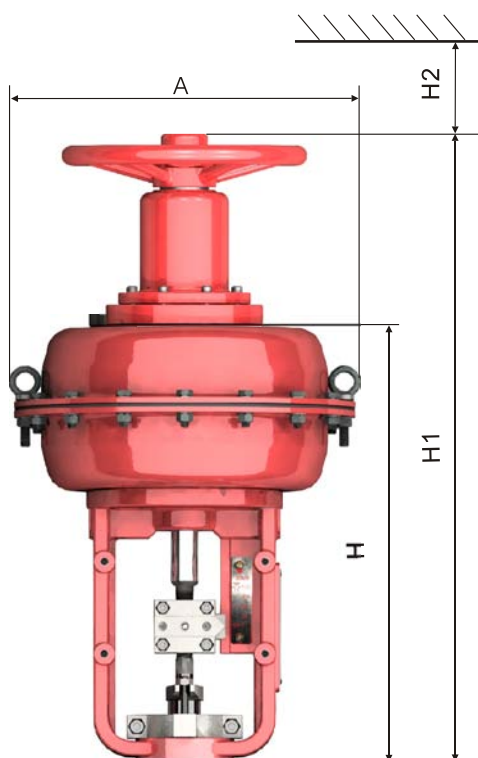
Almost twenty types provide wide ranges of application for actuators.

性能 Performance

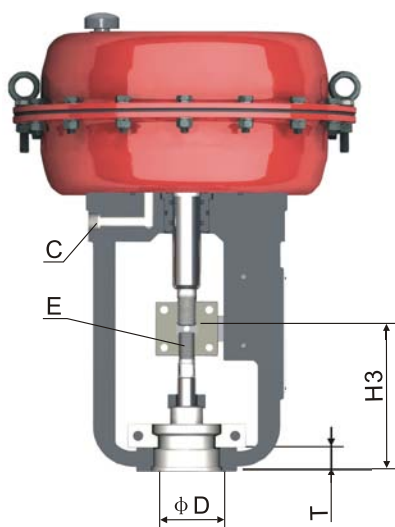
动作 FUNCTION	正作用：气压增加推杆下降。 DA: Air to stem down.				反作用：气压增加推杆上升。 RA: Air to stem up.									
行程 STROKE	10~90 mm													
气源压力 AIR SUPPLY	0.28MPa(MD01~MD02), 0.36MPa(MD03~MD05)													
滞后 HYSTERESIS	≤1% Fs带定位器 , ≤3% Fs不带定位器、 ≤1% of FS with positioner, ≤1% of FS without positioner													
线性 LINEARITY	≤1% Fs带定位器 , ≤3% Fs不带定位器、 ≤1% of FS with positioner, ≤1% of FS without positioner													
环境温度 AMBIENT TEMPERATURE	标准型: -10~70℃ Standard type: -10~70℃													
标准涂层 STANDARD PAINTING	红色 HF7010（环氧树脂） Red HF7010(Epoxy resin group)													
附件 ACCESSORIES	定位器，空气过滤器，气动继电器，限位开关，气锁阀，电磁阀，位置变送器等 Positioner,air set,booster relay,limit switch,lock up valve,solenoid valve,position transmitter etc.													

型号 Model No.	MD01		MD02		MD03			MD04			MD05		
气源压力 Air Supply (MPa)	0.28		0.28		0.36			0.36			0.36		
行程 stroke (mm)	10	20	20	30	20	30	40	40	50	70	50	70	90
密封推力 Sealing Thrust (N)	3820	1700	4360	2330	8230	8230	5100	15650	15650	9170	21650	18390	11950

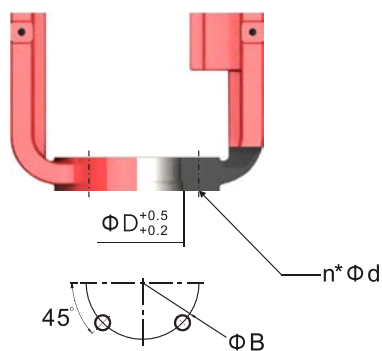
MD系列执行机构概要 MD Series Actuator General



侧装手轮
Side handle



(M01~M03)

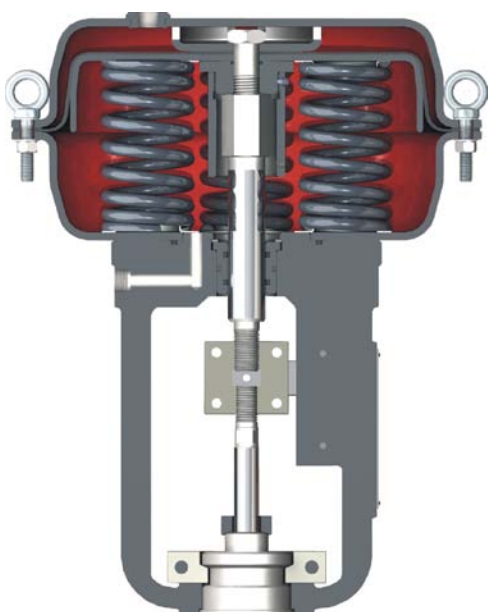


(M04~M05)

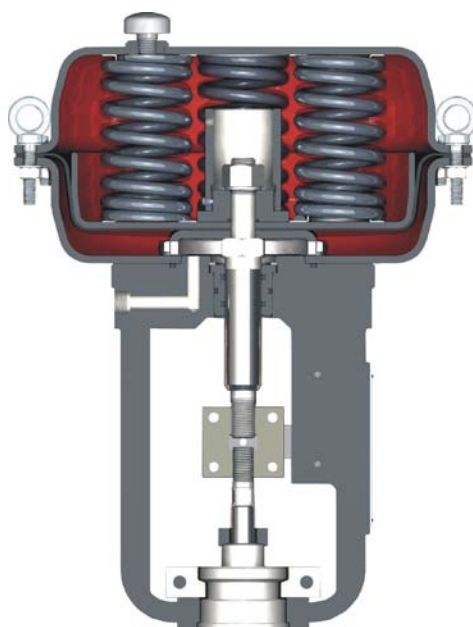
MD系列气动薄膜执行机构

MD SERIES LINEAR STEM MOTION TYPE DIAPHRAGM ACTUATOR

规格与尺寸 Size & Dimension



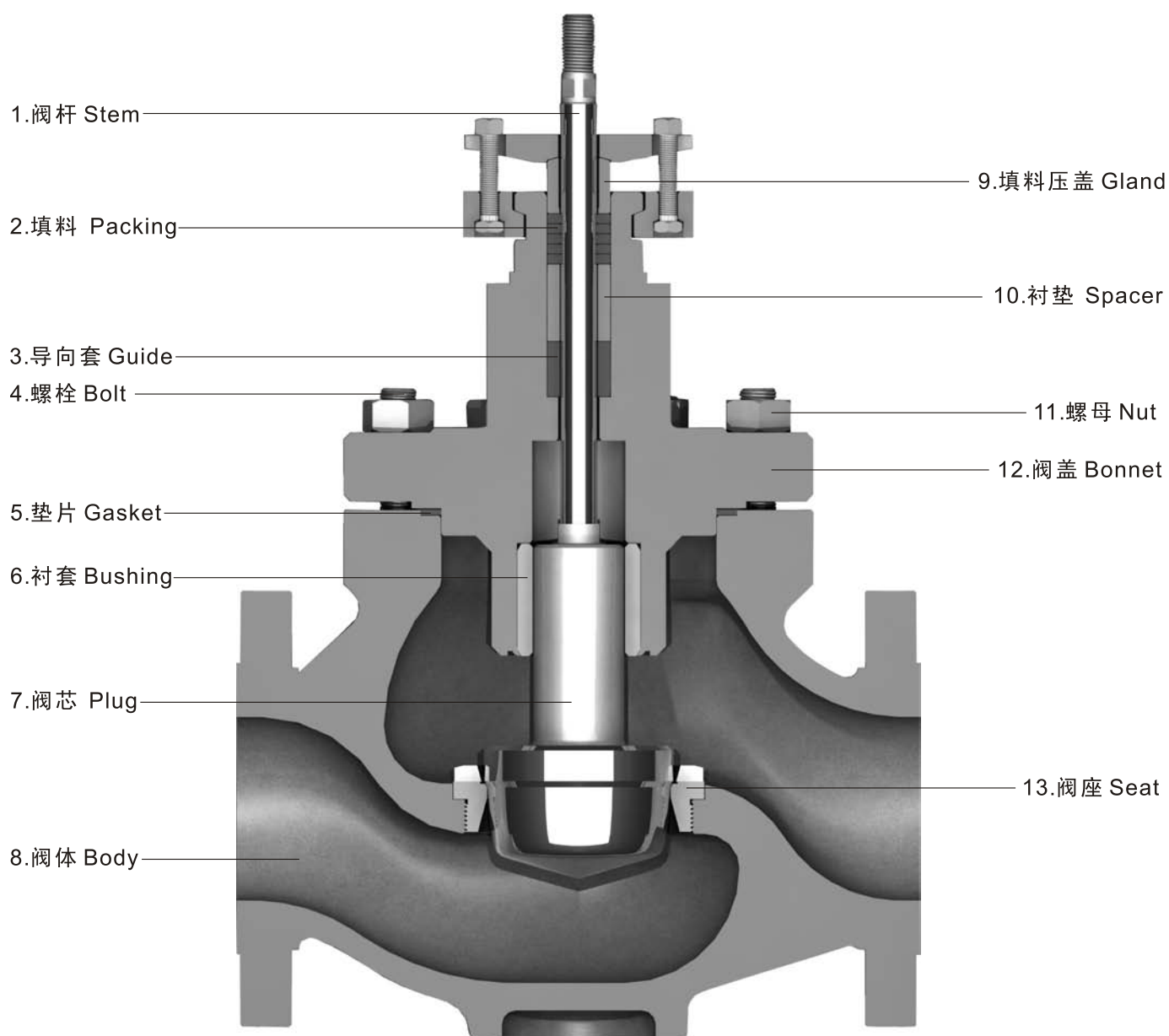
正作用
DA



反作用
RA

型号 Model No.	动作 Action	手轮 Override	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	A (mm)	L (mm)	Φ D / n* Φ d- Φ B (mm)	T (mm)	E	C
MD11	DA	- 顶装手轮 Top handle	348	-	140	125	258	-	Φ 56	20	M14 x1.5	Rc1/4
MD21	RA			508								
MD31	DA			523								
MD41	RA											
MD12	DA	- 顶装手轮 Top handle	374	-	140	125	296	-	Φ 56	20	M14 x1.5	Rc1/4
MD22	RA			556								
MD32	DA			569								
MD42	RA											
MD13	DA	- 顶装手轮 Top handle 侧装手轮 Side handle	426	-	140	125	380	-	Φ 56	20	M14 x1.5	Rc1/4
MD23	RA			615								
MD33	DA			620								
MD43	RA			817								
MD53	DA											
MD63	RA											
MD14	DA	- 侧装手轮 Side handle	609	-	160	125	490	514	4* Φ 18- Φ 120	30	M24 x1.5	Rc3/8
MD24	RA			1002								
MD54	DA											
MD64	RA											
MD15	DA	- 侧装手轮 Side handle	688	-	160	125	560	592	4* Φ 18- Φ 120	30	M24 x1.5	Rc3/8
MD25	RA			1106								
MD55	DA											
MD65	RA											

结构形式 Construction



T8100 系列概要 T8100 Series General

T8100顶部导向单座阀是一种结构简单,应用广泛的调节阀.多样的阀芯曲面轮廓设计使阀门具有了各种流量特性及可调比。加长的阀杆导向设计使阀门具有更好的稳定性，通过调整内件材料,工艺,阀盖结构等方面的配置, T8100系列顶部导向单座阀可以适应一些苛刻的工况。

T8100 top-guided single seat valve is a type of control valves with simple structure and wide applications.Various outline designs for curved surface of valve plug provide the valve with all kinds of flow features and adjustable rates. Extended stem-guided structure provide the valve better stability. By means of adjusting collocation of the material for trims, techniques, bonnet structure and etc.,T8100 series top-guided single seat valve can be applied to some severe conditions.

主要材料 Main Material

序号 No.	名称 PART NAME	材料 MATERIAL
1	阀杆 Stem	410、316、304、17-4PH、304L、316L、F11、F12
2	填料 Packing	V-PTFE、GRAPHITE
3	导向套 Guide	PTFE、CARBON
4	螺栓 Bolt	A193-B7, A193、B8, A193、B8M
5	垫片 Gasket	PTFE, 316(304)+GRAPHITE
6	导向套 Bushing	17-4PH, 316、F11、F12
7	阀芯 Plug	410、316、304、630、304L、F316L、440C、17-4PH、304+STL、316+STL F11、F12
8	阀体 Body	A216-WCB、WCC, A352-LCB、LCC,A351-CF8、CF8M、CF3、CF3M、 WC6, WC9
9	填料压盖 Gland	316, 410
10	衬垫 Spacer	316, 410
11	螺母 Nut	A194-2H,A194-8,A194-8M
12	阀盖 Bonnet	A216-WCB、WCC, A352-LCB、LCC,A351-CF8、CF8M、CF3、CF3M、 WC6, WC9
13	阀座 Seat	410, 316, 304, 17-4PH, 440C, 410+STL, 316+STL,304+STL、F11、F12

主要性能 Main Performance

公称通径 Size:	NPS 3/4-8
压力等级 Rating:	CL 150~600
流量特性 Flow Characteristic:	等百分比, 线性, 快开 EQ-%, Linear, ON-OFF
可调比 Rangeability:	50:1, 30:1
阀座泄漏量 Seat Leakage:	ASME B16.104(FCI 70-2), Metal seal(金属密封): Class IV, Soft Seal(软密封): Class VI
滞后 Hysteresis:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner
线性 Linearity:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner

额定 Cv 值 Rated Cv

公称通径 SIZE	阀座尺寸	Cv值		行程 Travel
		EQ-%	线性 Linear	
3/4	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
1	3/4 in	6.3	6.3	20
	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
	3/4 in	6.3	6.3	20
	1 in	9	9	20
	1 in	10	10	20
	1 in	14	14	20

公称通径 SIZE	阀座尺寸 Seat Size	Cv值	行程 Travel
1 1/2	1 in	10	20
	1 1/4 in	17	20
	1 1/4 in	20	20
	1 1/2 in	24	20
	1 1/2 in	33	30
2	1 1/4 in	17	20
	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 in	50	30
2 1/2	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
3	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
	3 in	99	40
	3 in	125	40
4	2 1/2 in	68	40
	3 in	99	40
	3 in	125	40
	4 in	175	40
	4 in	200	50
6	4 in	175	40
	4 in	200	50
	5 in	275	50
	6 in	360	70
	6 in	420	70
8	4 in	200	50
	5 in	275	50
	6 in	360	70
	7 in	500	70
	8 in	640	90

T8100顶部导向单座阀

T8100 TOP-GUIDED SINGLE-SEATED GLOBE VALVE

最大允许压差

适用条件 Applicable condition

1.MD 型薄膜执行机构 MD spring/diaphragm actuator

4.填料(Packing) : V-PTFE

2.阀座密封(Seat sealing) : 金属密封 Metal sealing

5.流向 Flow direction: 流开 Flow to open

3.泄漏等级(Seat Leakage) : Class IV

行程 Stroke	执行机 构型号 Actuator Size	弹簧范围		气源压力 Air Supply (KPa)	阀座尺寸Seat Size (in)														
		Spring range (KPa)			3/8	1/2	5/8	3/4	1.00	1 1/4	1 1/2	2.00	2 1/2	3	4	5	6	8	
		DA	RA		允许压差 Allowable Pressure Drops (MPa)														
10	MD01	60~140	140~220	280	10	10	10	9.2	7.3	3.7									
20	MD01	60~220	60~220	280	6.8	6.8	4.6	3.6	2.5	0.92	0.7	0.2							
20	MD02	60~167	113~220	280	10	10	10	10	8.3	4.3	3.5	1.8	1	0.64	0.79				
20	MD03	130~230	130~230	360	10	10	10	10	10	8.1	6.9	3.9	2.3	1.5	0.34				
30	MD02	60~220	60~220	280	9.6	9.6	6.5	5.5	4.3	1.7	1.4	0.6	0.29	0.12	1.6				
30	MD03	80~230	130~280	360	10	10	10	10	10	8.1	6.9	3.9	2.3	1.5	1.6				
40	MD03	80~280	80~280	360					9.4	4.9	4.1	2.1	1.2	0.78	2.5				
40	MD04	109~223	137~251	360						10	10	7.4	4.7	3.2	1.2	0.7	0.4		
50	MD04	80~223	137~280	360						10	10	7.4	4.7	3.2	2.5	0.7	0.4		
50	MD05	102~213	147~258	360						10	10	10	6.9	4.9	0.8	1.3	0.8		
60	MD04	80~251	109~280	360						10	10	5.9	3.6	2.4	2.2	0.5	0.2		
60	MD05	80~213	147~280	360						10	10	10	6.9	4.9	1.7	1.3	0.8		
70	MD04	80~280	80~280	360						8.6	7.4	4.2	2.5	1.6	1.3	0.2	0.1		
70	MD05	80~236	124~280	360						10	10	9.2	5.8	4.1		1.1	0.6		
80	MD05	80~258	102~280	360								7.6	4.8	3.2		0.7	0.4		
90	MD05	80~280	80~280	360								5.9	3.7	2.4		0.5	0.2		

适用条件 Applicable condition

1.MD 型薄膜执行机构 MD spring/diaphragm actuator

4.填料(Packing) : 柔性石墨 Graphite

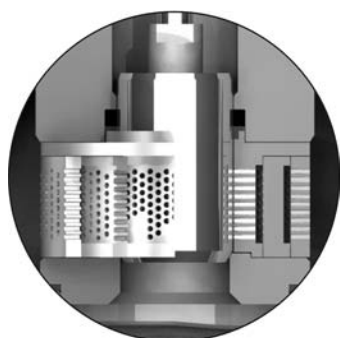
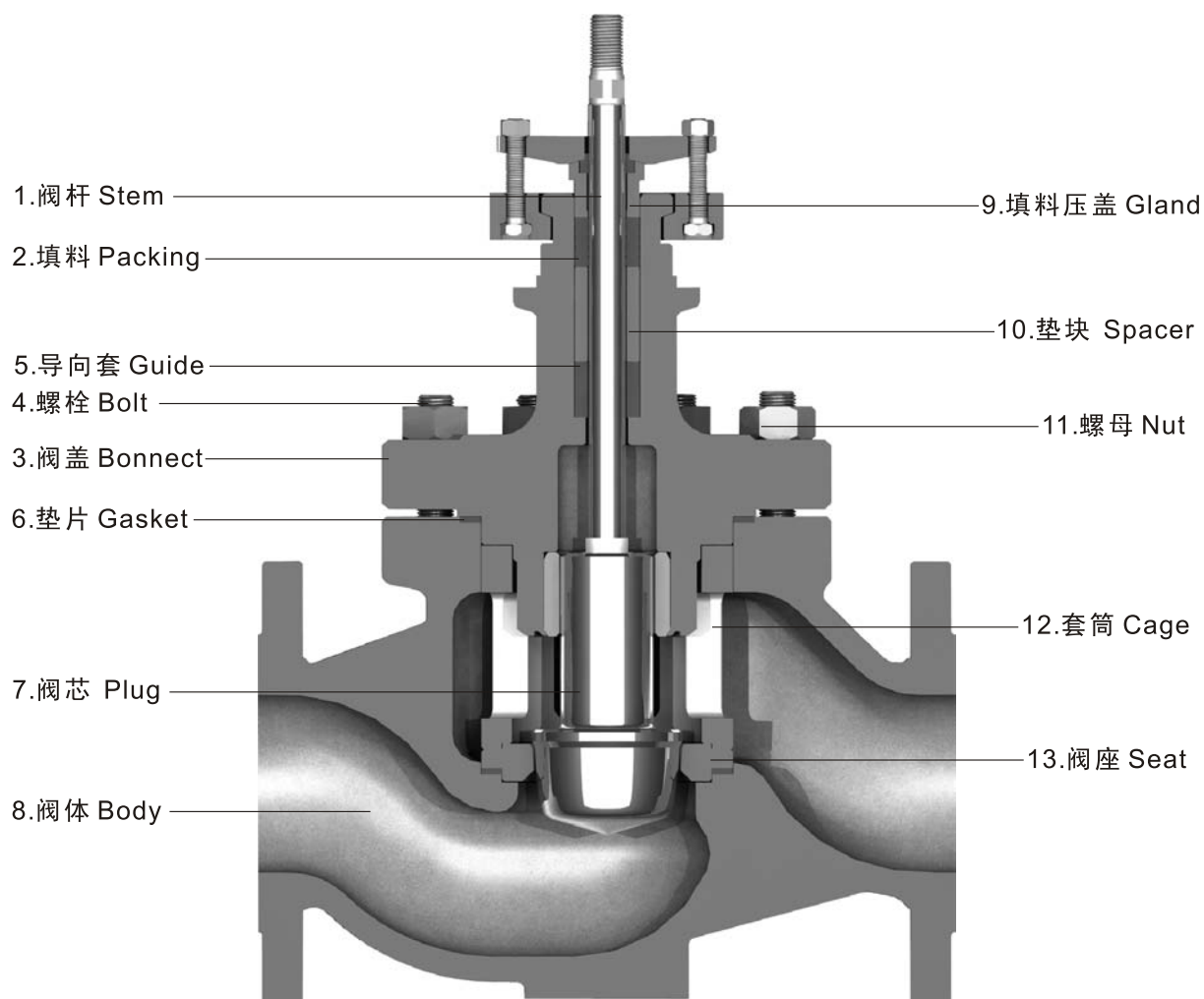
2.阀座密封(Seat sealing) : 金属密封 Metal sealing

5.流向 Flow direction: 流开 Flow to open

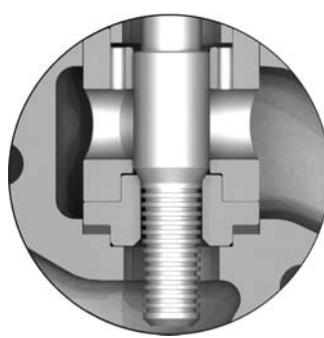
3.泄漏等级(Seat Leakage) : Class IV

行程 Stroke	执行机 构型号 Actuator Size	弹簧范围		气源压力 Air Supply (KPa)	阀座尺寸Seat Size (in)														
		Spring range (KPa)			3/8	1/2	5/8	4/3	1.00	1 4/3	1 1/2	2.00	2 1/2	3	4	5	6	8	
		DA	RA		允许压差 Allowable Pressure Drops (MPa)														
10	MD01	60~140	140~220	280	10	10	9.9	8.5	6.8	3.4									
20	MD01	60~220	60~220	280	5.9	5.9	4	2.9	2	0.7	0.5	0.1							
20	MD02	60~167	113~220	280	10	10	10	9.5	7.7	4.1	3.3	1.7	0.9	0.5					
20	MD03	130~230	130~230	360	10	10	10	10	10	7.8	6.7	3.8	2.3	1.5					
30	MD02	60~220	60~220	280	8.3	8.3	5.9	5	3.8	1.5	1.2	0.5	0.2	0.09					
30	MD03	80~230	130~280	360	10	10	10	10	10	7.8	6.7	3.8	2.3	1.5	0.79				
40	MD03	80~280	80~280	360					8.7	4.7	3.9	2	1.1	0.7	0.32				
40	MD04	109~223	137~251	360						10	10	7.2	4.6	3.1	1.6	0.7	0.4		
50	MD04	80~223	137~280	360						10	10	7.2	4.6	3.1	1.6	0.7	0.4		
50	MD05	102~213	147~258	360						10	10	10	6.8	4.8	2.5	1.3	0.8		
60	MD04	80~251	109~280	360						10	9.7	5.8	3.6	2.3	1.2	0.4	0.2		
60	MD05	80~213	147~280	360						10	10	10	6.8	4.8	2.5	1.3	0.8		
70	MD04	80~280	80~280	360						8.3	7.1	4.1	2.5	1.6	0.8	0.2	0.07		
70	MD05	80~236	124~280	360						10	10	9	5.8	4	2.1	1	0.6		
80	MD05	80~258	102~280	360								7.4	4.7	3.2	1.6	0.7	0.4		
90	MD05	80~280	80~280	360								5.8	3.6	2.4	1.2	0.4	0.2		

结构形式 Construction



多孔套筒
MH



小流量多级阀芯
MS-PLUG

注：以上两种为可选内件

T8300系列概要 T8300 Series General

T8300系列套筒单座调节阀是一种高性能的单座调节阀。快拆式阀内件让阀门的维护简单易行，更提高了阀门的密封性能。阀杆采用双导向结构，抗震性能好。多样的阀芯端部的曲面轮廓设计使阀门具有了各种流量特性及可调比。由于其阀芯采用不平衡结构，因此T8300系列调节阀更适用于料浆，聚合物等流体。

可选用 MH 或MS-PLUG(用于小流量工况)内件控制介质流速,消除因流速过快而产生的诸如气蚀)和噪音过大等现象。

T8300 series cage retained seat control valve is a type of high performance single seat control valve.Quick change trim facilitate valve maintenance and improve sealing properties. Stem is designed as double-guided structure, with good shock resistance. Various outline designs for curved surface of valve core ends provide the valve with all kinds of flow features and adjustable rates. Due to the unbalanced structure of valve plug, T8300 series control valve is even applied to such flow as stuff slurry or polymer .

MH or MS-PLUG (used for mini flow service) trim can be adopted to control flow rate, to eliminate the phenomenon such as cavitation and excessive noise,etc. caused by over high velocity of flow.

主要材料 Main Material

序号 No.	名称 PART NAME	材料 MATERIAL
1	阀杆 STEM	410, 316, 304, 17-4PH, 304L, 316L、F11、F12
2	填料 PACKING	V-PTFE、GRAPHITE
3	阀盖 Bonnet	A216-WCB、WCC, A352-LCB、LCC,A351-CF8、CF8M、CF3、CF3M、WC6、WC9、A105、316、304、410、F11、F12
4	螺栓 Bolt	A193-B7, A193、B8, A193、B8M
5	导向套 Guide	PTFE, CARBON
6	垫片 Gasket	PTFE, 316(304)+GRAPHITE
7	阀芯 Plug	410, 316, 304, 630, 304L、F316L, 440C、17-4PH, 304+STL, 316+STL
8	阀体 Body	A216-WCB、WCC, A352-LCB、LCC、A351-CF8、CF8M、CF3、CF3M、WC6、WC9、A105、316、304、410、F11、F12
9	填料压盖 Gland	316, 410
10	垫块 Spacer	316, 410
11	螺母 Nut	A194-2H,A194-8,A194-8M
12	套筒 Cage	410, 316, 304, 304L、F316L、F11、F12
13	阀座 Seat	410, 316, 304, 17-4PH, 440C, 410+STL, 316+STL,304+STL、F11、F12

主要性能 Main Performance

公称通径 Size:	NPS 3/4~8
压力等级 Rating:	CL 150~600(NPS 3/4~8),CL 900~1500(NPS 3/4~1 1/2)
流量特性 Flow Characteristic:	等百分比, 线性, 快开 EQ-%,Linear,ON-OFF
可调比 Rangeability:	50:1,30:1
阀座泄漏量 Seat Leakage:	ASME B16.104(FCI 70-2), Metal seal(金属密封):Class V, Soft Seal(软密封):Class VI
滞后 Hysteresis:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner
线性 Linearity:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner

额定 Cv 值 Rated Cv

公称通径 SIZE	阀座尺寸	Cv值		行程 Travel
		EQ-%	Linear	
3/4	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
1	3/4 in	6.3	6.3	20
	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
	3/4 in	6.3	6.3	20
	1 in	9	9	20
	1 in	10	10	20
	1 in	14	14	20

公称通径 SIZE	阀座尺寸 Seat Size	Cv值	行程 Travel
1 1/2	1 in	10	20
	1 1/4 in	17	20
	1 1/4 in	20	20
	1 1/2 in	24	20
	1 1/2 in	33	30
2	1 1/4 in	17	20
	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 in	50	30
2 1/2	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
3	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
	3 in	99	40
	3 in	125	40
4	2 1/2 in	68	40
	3 in	99	40
	3 in	125	40
	4 in	175	40
	4 in	200	50
6	4 in	175	40
	4 in	200	50
	5 in	275	50
	6 in	360	70
	6 in	420	70
8	4 in	200	50
	5 in	275	50
	6 in	360	70
	7 in	500	70
	8 in	640	90

T8300套筒单座调节阀

T8300 CAGE RETAINED SEAT GLOBE VALVE

最大允许压差

适用条件 Applicable condition

1.MD 型薄膜执行机构 MD spring/diaphragm actuator

4.填料(Packing) : V-PTFE

2.阀座密封(Seat sealing) : 金属密封 Metal sealing

5.流向 Flow direction: 流开 Flow to open

3.泄漏等级(Seat Leakage) : Class IV

行程 Stroke	执行机 构型号 Actuator Size	弹簧范围		气源压力 Air Supply (KPa)	阀座尺寸Seat Size (in)													
		Spring range (KPa)			3/8	1/2	5/8	3/4	1.00	1 1/4	1 1/2	2.00	2 1/2	3	4	5	6	8
		DA	RA		允许压差 Allowable Pressure Drops (MPa)													
10	MD01	60~140	140~220	280	10	10	10	9.2	7.3	3.7								
20	MD01	60~220	60~220	280	6.8	6.8	4.6	3.6	2.5	0.92	0.7	0.2						
20	MD02	60~167	113~220	280	10	10	10	10	8.3	4.3	3.5	1.8	1	0.64	0.79			
20	MD03	130~230	130~230	360	10	10	10	10	10	8.1	6.9	3.9	2.3	1.5	0.34			
30	MD02	60~220	60~220	280	9.6	9.6	6.5	5.5	4.3	1.7	1.4	0.6	0.29	0.12	1.6			
30	MD03	80~230	130~280	360	10	10	10	10	10	8.1	6.9	3.9	2.3	1.5	1.6			
40	MD03	80~280	80~280	360					9.4	4.9	4.1	2.1	1.2	0.78	2.5			
40	MD04	109~223	137~251	360						10	10	7.4	4.7	3.2	1.2	0.7	0.4	0.4
50	MD04	80~223	137~280	360						10	10	7.4	4.7	3.2	2.5	0.7	0.4	0.4
50	MD05	102~213	147~258	360						10	10	10	6.9	4.9	0.8	1.3	0.8	0.8
60	MD04	80~251	109~280	360						10	10	5.9	3.6	2.4	2.2	0.5	0.2	0.2
60	MD05	80~213	147~280	360						10	10	10	6.9	4.9	1.7	1.3	0.8	0.8
70	MD04	80~280	80~280	360						8.6	7.4	4.2	2.5	1.6	1.3	0.2	0.1	0.1
70	MD05	80~236	124~280	360						10	10	9.2	5.8	4.1		1.1	0.6	0.6
80	MD05	80~258	102~280	360								7.6	4.8	3.2		0.7	0.4	0.4
90	MD05	80~280	80~280	360								5.9	3.7	2.4		0.5	0.2	0.2

适用条件

1.MD 型薄膜执行机构 MD spring/diaphragm actuator

4.填料(Packing) : 柔性石墨 Graphite

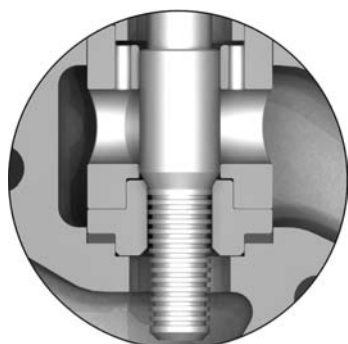
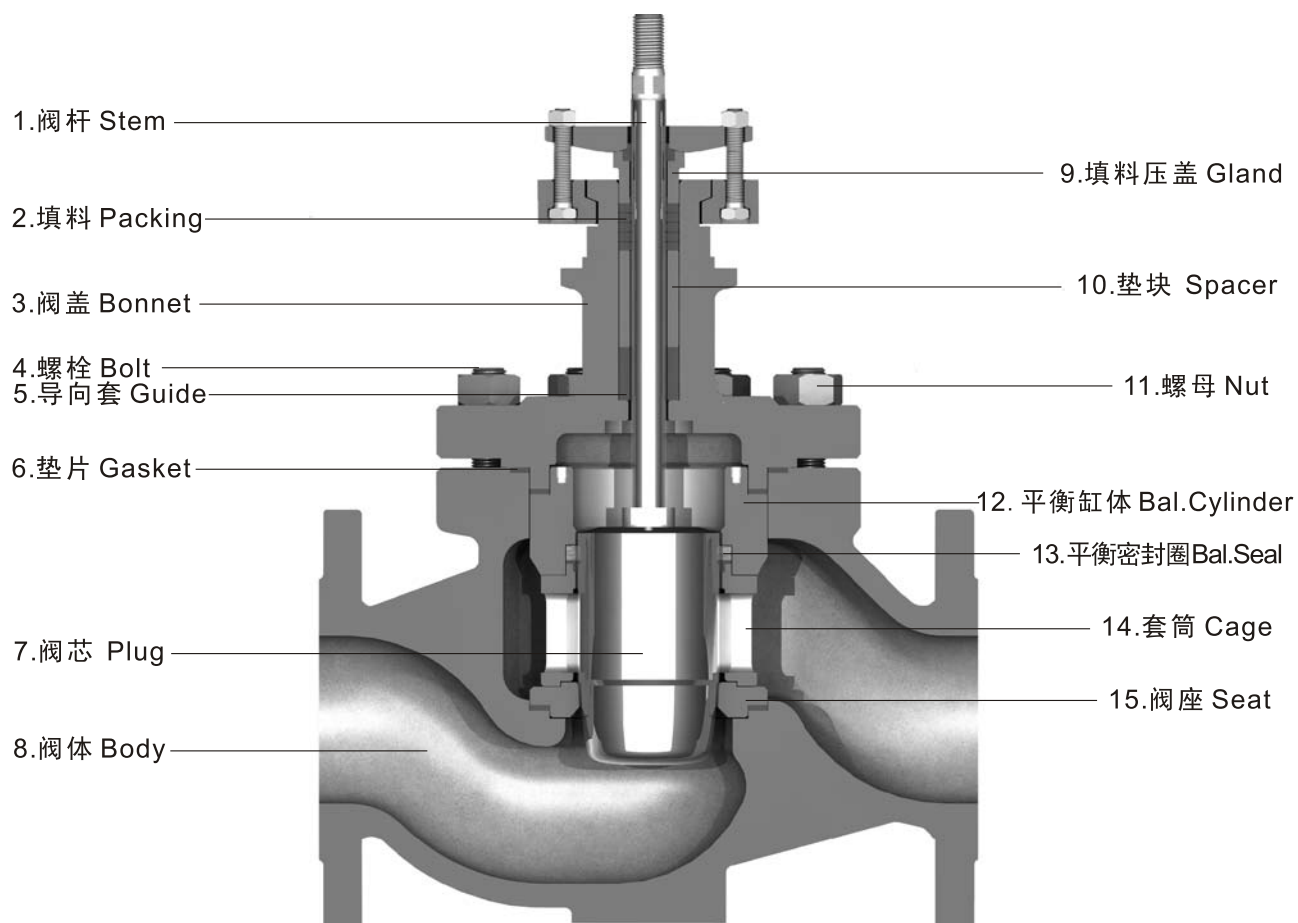
2.阀座密封(Seat sealing) : 金属密封 Metal sealing

5.流向 Flow direction: 流开 Flow to open

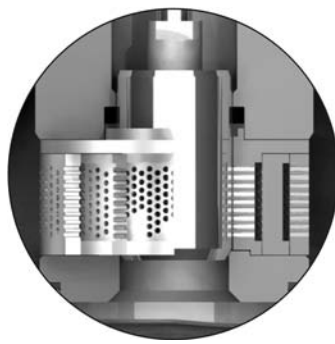
3.泄漏等级(Seat Leakage) : Class IV

行程 Stroke	执行机 构型号 Actuator Size	弹簧范围		气源压力 Air Supply (KPa)	阀座尺寸Seat Size (in)													
		Spring range (KPa)			3/8	1/2	5/8	4/3	1.00	1 4/3	1 1/2	2.00	2 1/2	3	4	5	6	8
		DA	RA		允许压差 Allowable Pressure Drops (MPa)													
10	MD01	60~140	140~220	280	10	10	9.9	8.5	6.8	3.4								
20	MD01	60~220	60~220	280	5.9	5.9	4	2.9	2	0.7	0.5	0.1						
20	MD02	60~167	113~220	280	10	10	10	9.5	7.7	4.1	3.3	1.7	0.9	0.5				
20	MD03	130~230	130~230	360	10	10	10	10	10	7.8	6.7	3.8	2.3	1.5				
30	MD02	60~220	60~220	280	8.3	8.3	5.9	5	3.8	1.5	1.2	0.5	0.2	0.09				
30	MD03	80~230	130~280	360	10	10	10	10	10	7.8	6.7	3.8	2.3	1.5	0.79			
40	MD03	80~280	80~280	360					8.7	4.7	3.9	2	1.1	0.7	0.32			
40	MD04	109~223	137~251	360						10	10	7.2	4.6	3.1	1.6	0.7	0.4	
50	MD04	80~223	137~280	360						10	10	7.2	4.6	3.1	1.6	0.7	0.4	
50	MD05	102~213	147~258	360						10	10	10	6.8	4.8	2.5	1.3	0.8	
60	MD04	80~251	109~280	360						10	9.7	5.8	3.6	2.3	1.2	0.4	0.2	
60	MD05	80~213	147~280	360						10	10	10	6.8	4.8	2.5	1.3	0.8	
70	MD04	80~280	80~280	360						8.3	7.1	4.1	2.5	1.6	0.8	0.2	0.07	
70	MD05	80~236	124~280	360						10	10	9	5.8	4	2.1	1	0.6	
80	MD05	80~258	102~280	360								7.4	4.7	3.2	1.6	0.7	0.4	
90	MD05	80~280	80~280	360								5.8	3.6	2.4	1.2	0.4	0.2	

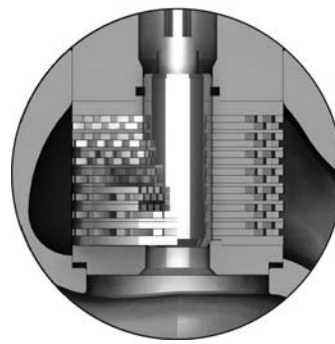
尺寸表 Dimension



多级阀芯
MS-PLUG



多孔套筒
MH



组合迷宫碟片
CM-B

注：以上为可选内件。

T8500 系列概要 T8500 Series General

T8500系列套筒导向式调节阀是一种能适应苛刻工况环境的调节阀。采用阀杆导向与套筒导向相结合的双导向设计,使阀门具有优良的抗震性能;同时平衡式阀芯设计可以让阀门承受较大的压差,且具有优良的动态稳定性。快拆式阀内件让阀门的维护简单易行,更提高了阀门的密封性能。多样的阀芯端部的曲面轮廓设计使阀门具有了各种流量特性及可调比。可选用MH、MS-PLUG或CM-B内件控制介质流速,消除因流速过快而产生的气蚀和噪音过大等现象。

T8500 series with cage-guided control valve is a type of control valves suit for severe conditions. Double guided design adopted as combination of stem guided and cage-guided provides valve with good shock resistance. The balanced structure of valve plug makes the valve endure more differential pressure and possess excellent dynamic stability. Quickchange trim facilitates valve maintenance and improve sealing properties. Various outline designs for curved surface of valve plug provide the valve with all kinds of flow features and adjustable rates. MH or MS-PLUG or CM trim can be adopted to control flow rate, to eliminate the phenomenon such as cavitation and excessive noise etc caused by over high velocity of flow.

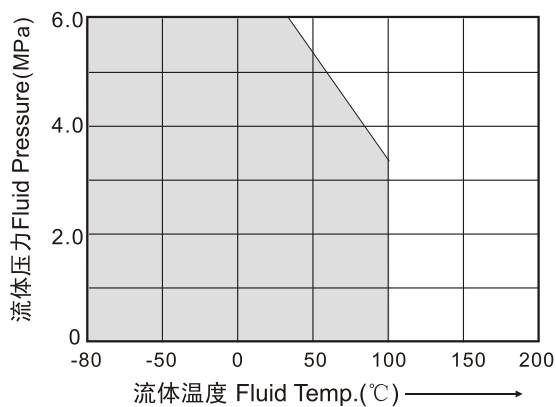
主要材料 Main Material

序号 No.	名称 PART NAME	材料 MATERIAL
1	阀杆 STEM	410, 316, 304, 17-4PH, 304L, 316L, F11, F12
2	填料 PACKING	V-PTFE, GRAPHITE
3	阀盖 Bonnet	A216-WCB, WCC, A352-LCB, LCC, A351-CF8, CF8M, CF3, CF3M, WC6, WC9, A105, 316, 304, F11, F12
4	螺栓 Bolt	A193-B7, A193, B8, A193, B8M
5	导向套 Guide	PTFE, CARBON
6	垫片 Gasket	PTFE, 316(304)+GRAPHITE
7	阀芯 Plug	410, 316, 304, 630, 304L, F316L, 440C, 17-4PH, 304+STL, 316+STL, FN, F12
8	阀体 Body	A216-WCB, WCC, A352-LCB, LCC, A351-CF8, CF8M, CF3, CF3M, WC6, A105, 316, 304, 410, F11, F12
9	填料压盖 Gland	316, 410
10	垫片 Spacer	316, 410
11	螺母 Nut	A194-2H, A194-8, A194-8M
12	平衡缸体 Bal. Cylinder	410, 316, 304, 304L, F316L, F11, F12
13	平衡密封圈 Bal. Seal	316+PTFE, GRAPHITE, EPDM
14	套筒 Cage	410, 316, 304, 304L, F316L, F11, F12
15	阀座 Seat	410, 316, 304, 17-4PH, 440C, 410+STL, 316+STL, 304+STL, F11, F12

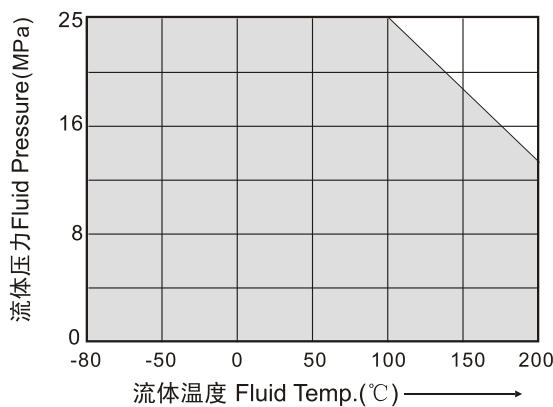
主要性能 Main Performance

公称通径 Size:	NPS 3/4~24
压力等级 Rating:	CL 150~1500
流量特性 Flow Characteristic:	等百分比, 线性, 快开 EQ-%, Linear, ON-OFF
可调比 Rangeability:	50:1, 30:1
阀座泄漏量 Seat Leakage:	ASME B16.104(FCI 70-2), Metal seal(金属密封):Class V, Soft Seal(软密封):Class VI
滞后 Hysteresis:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner
线性 Linearity:	≤1% Fs带定位器, ≤3% Fs不带定位器 ≤1% of FS with positioner, ≤1% of FS without positioner

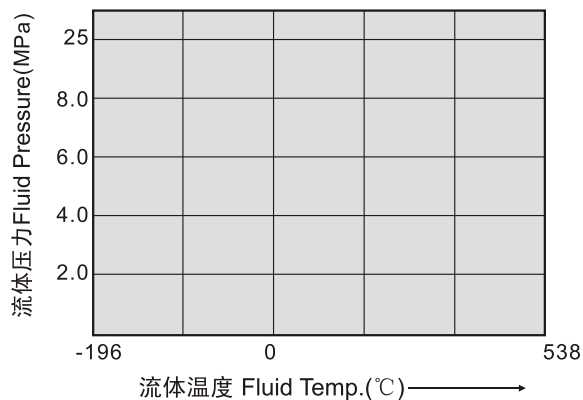
平衡密封圈使用温度·压力范围 Bal.Seal Pressure-Temperature Ratings



O 型圈 O-Ring (EPDM)



316+TFE



柔性石墨 Graphite

T8500套筒导向阀

T8500 CAGE-GUIDED GLOBE VALVE

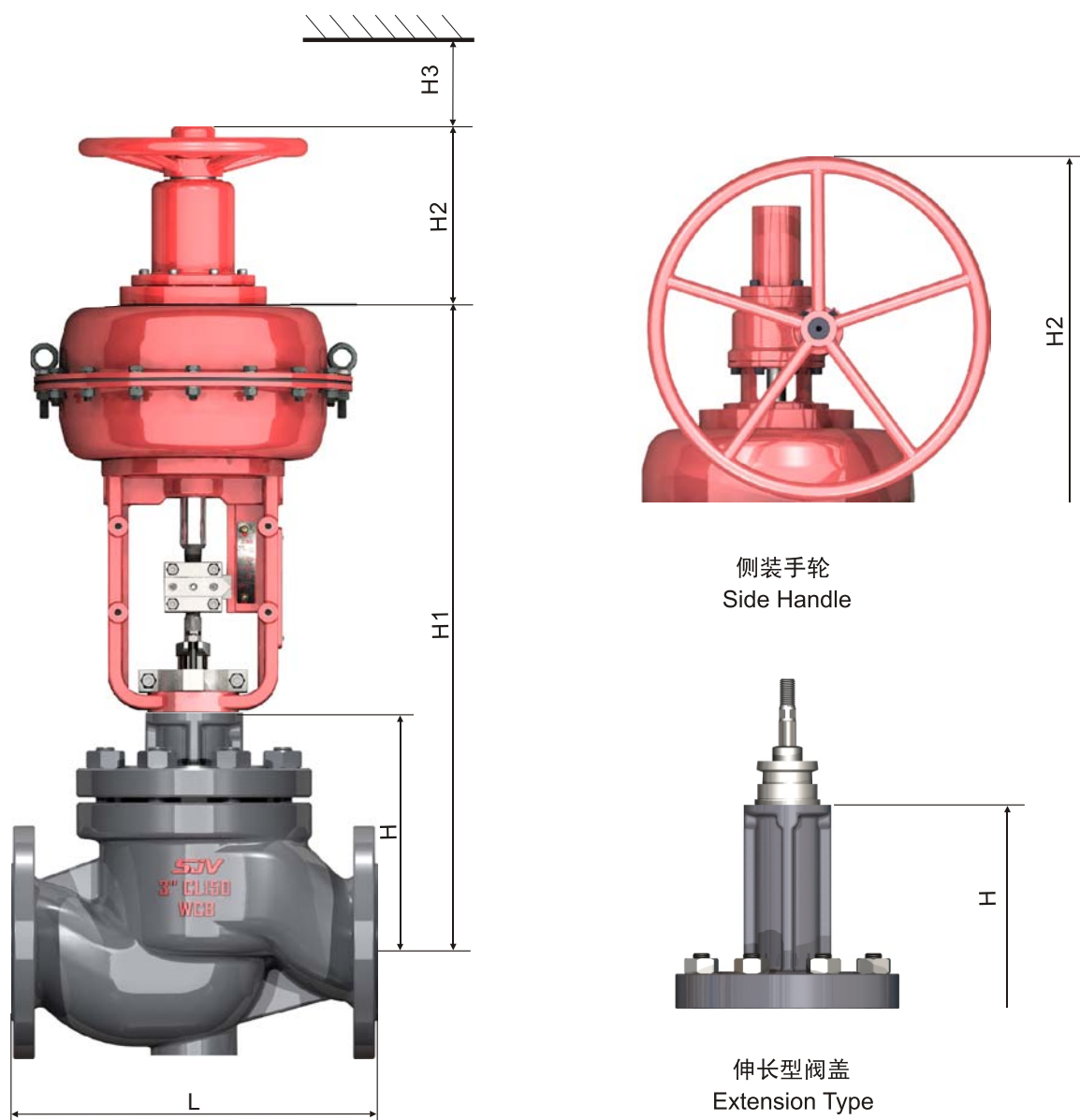
额定 Cv 值 Rated Cv

公称通径 SIZE	阀座尺寸	Cv值		行程 Travel
		EQ-%	Linear	
3/4	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
1	3/4 in	6.3	6.3	20
	1/8 in		0.01	20
	1/8 in		0.04	20
	1/8 in		0.1	20
	1/8 in		0.16	20
	1/8 in	0.25	0.25	20
	1/4 in	0.4	0.4	20
	1/4 in	0.63	0.63	20
	3/8 in	1	1	20
	3/8 in	1.6	1.6	20
	1/2 in	2.5	2.5	20
	1/2 in	4	4	20
	3/4 in	5.2	5.2	20
	3/4 in	6.3	6.3	20
	1 in	9	9	20
	1 in	10	10	20
	1 in	14	14	20

公称通径 SIZE	阀座尺寸 Seat Size	Cv值	行程 Travel
1 1/2	1 in	10	20
	1 1/4 in	17	20
	1 1/4 in	20	20
	1 1/2 in	24	20
	1 1/2 in	33	30
2	1 1/4 in	17	20
	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 in	50	30

公称通径 SIZE	阀座尺寸 Seat Size	Cv值	行程 Travel
2 1/2	1 1/2 in	24	20
	1 1/2 in	33	30
	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
3	2 in	44	30
	2 1/2 in	68	40
	2 1/2 in	85	40
	3 in	99	40
	3 in	125	40
4	2 1/2 in	68	40
	3 in	99	40
	3 in	125	40
	4 in	175	40
	4 in	200	50
6	4 in	175	40
	4 in	200	50
	5 in	275	50
	6 in	360	70
	6 in	420	70
8	4 in	200	50
	5 in	275	50
	6 in	360	70
	7 in	500	70
	8 in	640	90
10	6 in	360	70
	7 in	500	70
	8 in	640	90
	8 in	850	90
	10 in	1020	90
12	7 in	500	70
	8 in	640	90
	8 in	850	90
	10 in	1020	90
	12 in	1440	100
14	10 in	1020	90
	12 in	1440	100
	14 in	2000	120
16	12 in	1440	120
	14 in	2000	120
	16 in	2700	120

尺寸表 Dimension



尺寸标准 Standard of Dimension

设计和制造 (Design and Manufacture):	ANSI / ASME B16.34
结构长度尺寸 (Face to Face Dimension):	IEC 60534-3 (ISA 75.08, ASME B16.10)
法兰连接尺寸 (Flange Connection Dimension):	ANSI / ASME B16.5
对焊端尺寸 (BW Connection Dimension):	ANSI / ASME B16.25
插焊端及螺纹端尺寸 (SW& S connection Dimension):	ANSI / ASME B16.11

尺寸表 Dimensions

CL150 & CL300

单位: mm

公称通径 SIZE	STD	EXT	STD	EXT	H2	H3
	H	H	H1	H1		
3/4	126	226	474	574	145	120
1	126	226	474	574	145	120
1 1/2	146	291	520	665	215	120
2	158	303	532	677	215	120
2 1/2	187	332	613	758	215	120
3	210	355	636	781	215	120
4	237	382	663	808	215	120
6	318	463	927	1072	365	140
8	385	530	994	1139	365	140
10	395	540	1083	1228	419	140
12	445	590	1133	1278	419	140
14	515	660	1121	1266	419	140
16	520	665	1126	1271	419	140

CL600

单位: mm

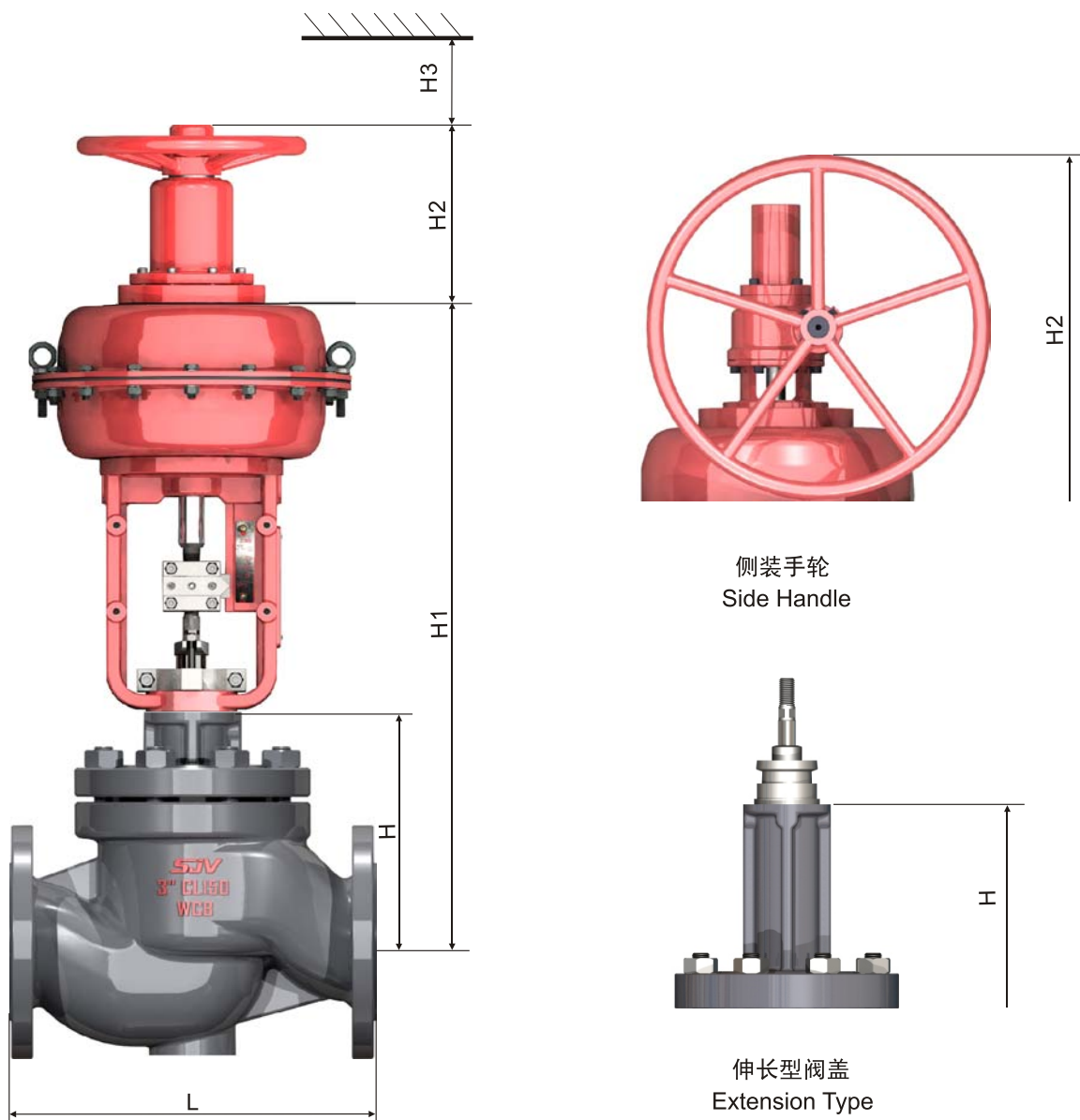
公称通径 SIZE	STD	EXT	STD	EXT	H2	H3
	H	H	H1	H1		
3/4	126	226	474	574	145	130
1	126	226	474	574	145	130
1 1/2	146	291	520	665	215	130
2	158	303	532	677	215	130
2 1/2	195	340	621	766	215	130
3	218	363	644	789	215	130
4	250	395	676	821	215	130
6	327	472	936	1081	365	140
8	385	530	994	1139	365	140
10	398	543	1086	1231	419	140
12	455	600	1143	1288	419	140
14	535	680	1141	1286	419	130
16	543	688	1149	1294	419	130

CL900 & CL1500

单位: mm

公称通径 SIZE	STD	EXT	STD	EXT	H2	H3
	H	H	H1	H1		
3/4	168	268	542	642	215	130
1	168	268	542	642	215	130
1 1/2	187	332	613	758	215	130
2	210	355	636	781	215	130
2 1/2	253	398	679	824	215	130
3	281	426	890	1035	365	150
4	342	487	951	1096	365	150
6	429	574	1117	1262	419	150
8	492	637	1098	1243	419	150
10	513	658	1119	1264	419	130
12	587	732	1193	1338	419	130

尺寸表 Dimension



尺寸标准 Standard of Dimension

设计和制造 (Design and Manufacture):	ANSI / ASME B16.34
结构长度尺寸 (Face to Face Dimension):	IEC 60534-3 (ISA 75.08, ASME B16.10)
法兰连接尺寸 (Flange Connection Dimension):	ANSI / ASME B16.5
对焊端尺寸 (BW Connection Dimension):	ANSI / ASME B16.25
插焊端及螺纹端尺寸 (SW& S connection Dimension):	ANSI / ASME B16.11

法兰距 L Face To Face Dimension

单位: mm

公称通径 SIZE	Class 150			Class300			Class600		
	RF	RTJ	BW	RF	RTJ	BW	RF	RTJ	BW
3/4	184	197	206	194	206	279	206	206	279
1	184	197	210	197	210	279	210	210	279
1 1/2	222	235	251	235	248	330	251	251	330
2	254	267	286	267	282	375	286	284	375
2 1/2	276	289	311	292	308	375	311	314	375
3	298	311	337	318	333	460	337	340	460
4	352	365	394	368	384	530	394	397	530
6	451	464	508	473	489	768	508	511	768
8	543	556	610	568	584	832	610	613	832
10	673	686	752	708	724	991	752	755	991
12	737	749	819	775	790	1130	819	822	1130
14	889	902	1029	927	943	1257	972	975	1257
16	1016	1029	1108	1057	1073	1422	1108	1111	1422

单位: mm

公称通径 SIZE	Class 900		Class1500		Class2500	
	RF/RTJ	BW	RF/RTJ	BW	RF/RTJ	BW
3/4	292	279	292	279	318	318
1	292	279	292	279	318	318
1 1/2	333	330	333	330	381	359
2	375	375	375	375	400	400
2 1/2	410	375	410	375	441	400
3	410	460	460	460	660	498
4	511	530	530	530	737	575
6	714	768	768	768	864	819
8	914	832	972	832	1022	1029
10	991	991	1067	991	1372	1270
12	1130	1130	1219	1130	1575	1422
14	1257	1257	1257	1257		
16	1422	1422	1422	1422		

单位: mm

公称通径 SIZE	Classes 150,300 &600	Classes 900&1500	Class2500
	SW & NPT	SW	SW
3/4	210	279	318
1	210	279	318
1 1/2	251	330	381
2	286	375	400

EPP1000 系列电/气阀门定位器 **EPP1000 Series E/P Positioner**



输入信号 Input Signal : (mADC)	4~20,4~12,12~20,0~10,10~50
作用形式 Action:	正作用, 反作用 DA,RA
防爆等级 Explosion-proof:	ExialICT5, ExdIICT6

EPP2000 系列电/气阀门定位器 **EPP2000 Series E/P Positioner**



输入信号 Input Signal: (mADC)	4~20,4~12,12~20
作用形式 Action:	正作用, 反作用, 双作用 DA,RA,Double
防爆等级 Explosion-proof:	ExialICT6, ExdIICT6

EPP6000 系列电/气阀门定位器 **EPP6000 Series E/P Positioner**



输入信号 Input Signal:	4~20mADC
作用形式 Action:	正作用, 反作用, 双作用 DA,RA,Double
防爆等级 Explosion-proof:	ExialIBT6, ExdmIIBT6, ExdmIICT6

SEPP4000 系列智能电/气阀门定位器 **SEPP4000 Series Smart E/P Positioner**



输入信号 Input Signal:	4~20 mADC
作用形式 Action:	正作用,反作用,双作用 DA,RA,Double
防爆等级 Explosion-proof:	ExialICT5, ExdIIBT6
通讯	HART

YT2500 系列智能电/气阀门定位器 **YT2500 Series Smart E/P Positioner**



输入信号 Input Signal:	4~20 mADC
作用形式 Action:	正作用, 反作用, 双作用 DA,RA,Double
防爆等级 Explosion-proof:	ExialICT6, ExdIICT6
通讯	HART,
故障模式 Fail Mode	FL,FC,FO

SIPART PS2 系列智能电/气阀门定位器 **SIPART PS2 Series Smart E/P Positioner**



输入信号 Input Signal:	4~20 mADC
作用形式 Action:	正作用, 反作用, 双作用 DA,RA,Double
防爆等级 Explosion-proof:	GradeEx ialICT6,Ex dIICT6
通讯	HART,PROFIBUS ,FF

PVP1000 系列电/气阀门定位器 PVP1000 Series P/P Positioner



输入信号 Input Signal: (Mpa)	0.02~0.1, 0.04~0.2, 0.02~0.06, 0.06~0.1
作用形式 Action:	正作用, 反作用 DA,RA
供气压力 Air Supply:	0.14~0.35MPa

EPC1000 系列电/气转换器 EPC1000 Series Electric-Pneumatic Transfer



输入信号 Input Signal:	4~20, 4~12, 12~20, 0~10, 10~50
作用形式 Action:	正作用, 反作用, 双作用 DA,RA,Double
防爆等级 Explosion-proof:	ExialICT5, ExdIIBT6,

EPC3000 系列气/电转换器 EPC3000 Series Pneumatic-Electric Transfer



输入信号 Input Signal: (KPa)	0~100, 0~200
输出信号 output Signal:	4~20 mADC
防爆等级 Explosion-proof:	ExialICT6, ExdIIBT4

YT400 系列保位阀 YT400 Series Lock Up Valve



信号压力 Input Signal:	14~700KPa
最大锁定压力 : Max. Lock Up Press.:	700KPa
CV	0.9
作用形式 Action:	单作用, 双作用, Single, Double

YT500 系列气控换向阀 YT500 Series Snap Action Relay



信号压力 Input Signal:	14~700KPa
介质压力 Medium Press.:	1000KPa
作用形式 Action:	单作用, 双作用, Single, Double

PTM 系列阀位变送器 PTM Series Position Transmitter



输入信号 Input Signal:	0~30, 0~90 Degree
输出信号 Output Signal:	4~20 mADC
防爆等级 Explosion-proof :	Ex(d)IICT6

APL 系列限位开关 APL Series Limit Switch



开关类型 Switch Type:	机械式, 感应式 Mechanical Type, Proximity Type
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防爆等级 Explosion-proof:	Eexd IIB T6, IP67
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VB100 系列气动放大器 VB100 Series Volume Booster



最大输入压力 : Max.Input Signal:	1000KPa
-------------------------------	---------

最大输出压力 : Max.Output Press:	700KPa
-------------------------------	--------

CV:	1.02
-----	------

输入/输出压力比: In/Out press Ratio:	1 : 1
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Q系列快速排气阀 Q Series Quick Exhaust Valve



尺寸 Size:	1/8", 1/4", 3/8", 1/2", 3/4"
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最大输入压力 MAX. Input Press.:	990KPa
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MC 系列空气过滤减压阀 MC Series Air Set



最大输入压力: MAX.Input Press.:	970KPa
最大输出压力: MAX. Output Press.:	700KPa
过滤精度:	3 μ m

UFR 系列空气过滤减压阀 UFR Series Air Set



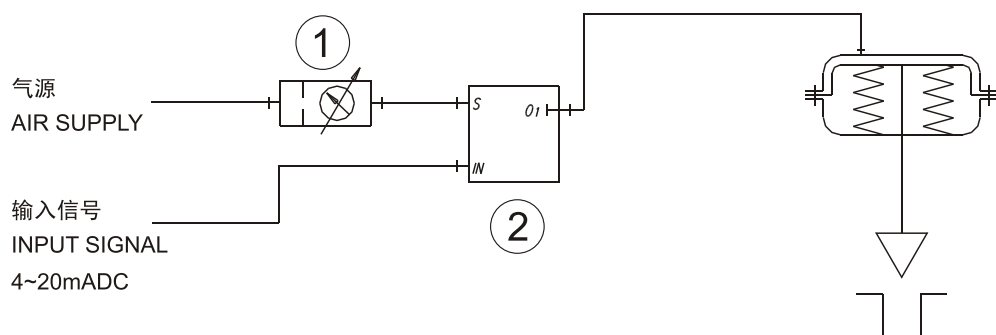
最大输入压力: MAX.Input Press.:	900KPa
最大输出压力: MAX. Output Press.:	750KPa
过滤精度:	5 μ m

卡套接头 Bite type fitting

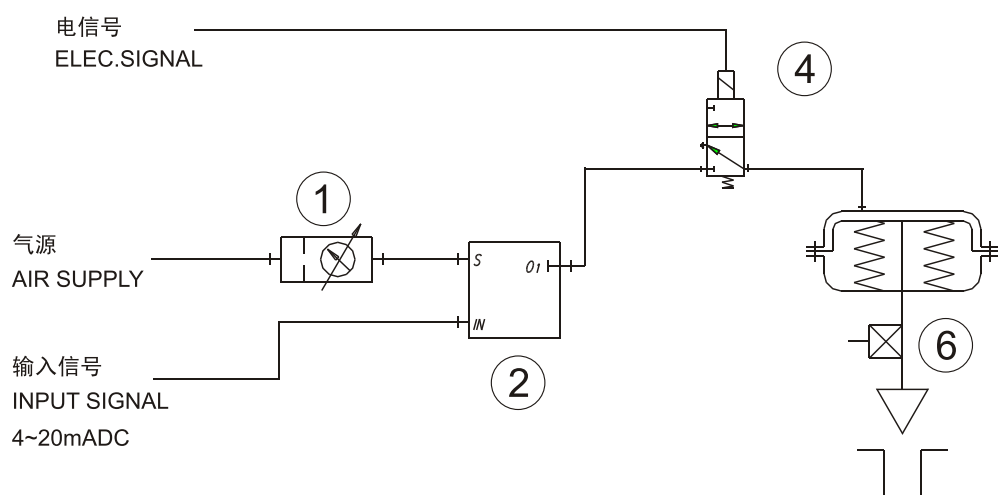


尺寸: Size:	1/8 " , 1/4 " , 3/8 " , 1/2 " , 3/4 "
材质: Material :	不锈钢 , 黄铜 Stainless Steel , Brass
最大工作压力: MAX. Press.:	4MPa

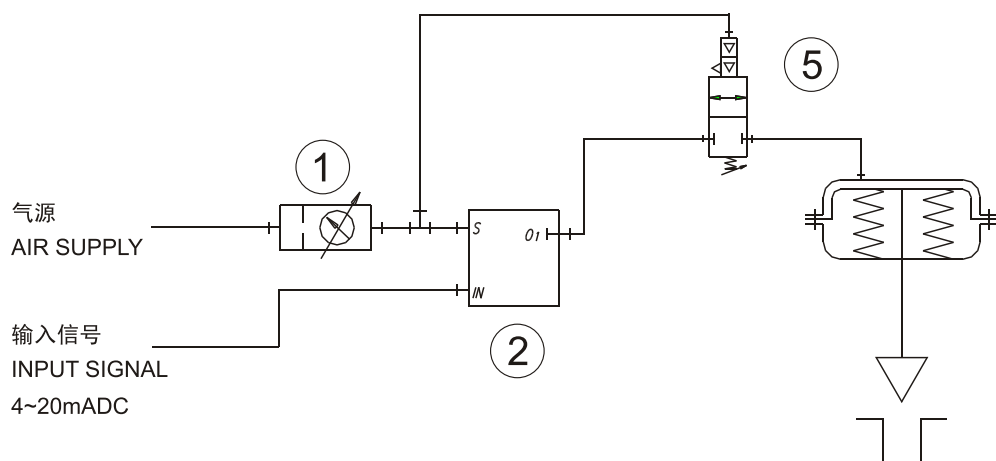
典型附件配置 Typical Configuration



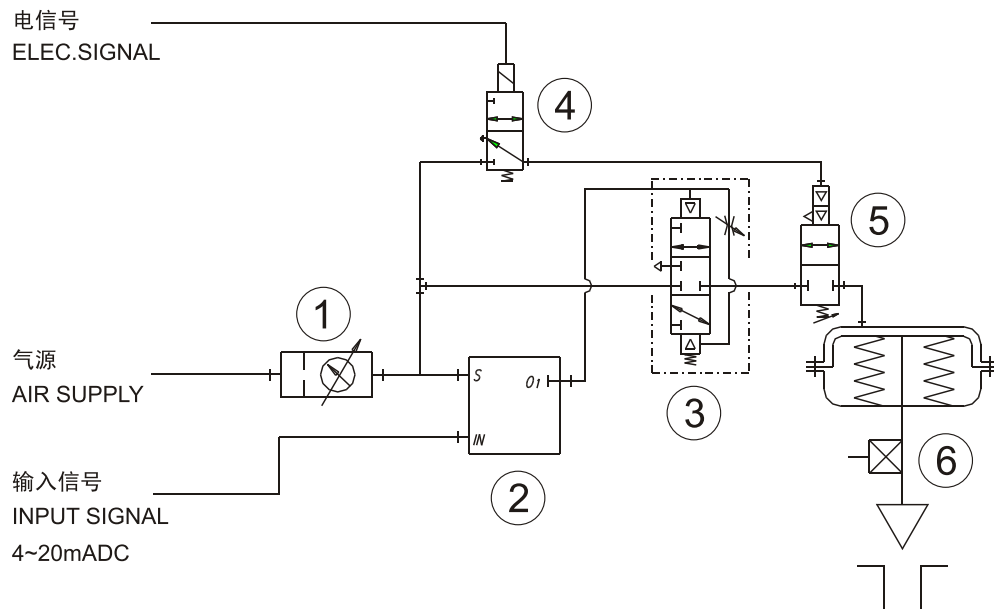
范例 1 eg.1



范例 2 eg.2

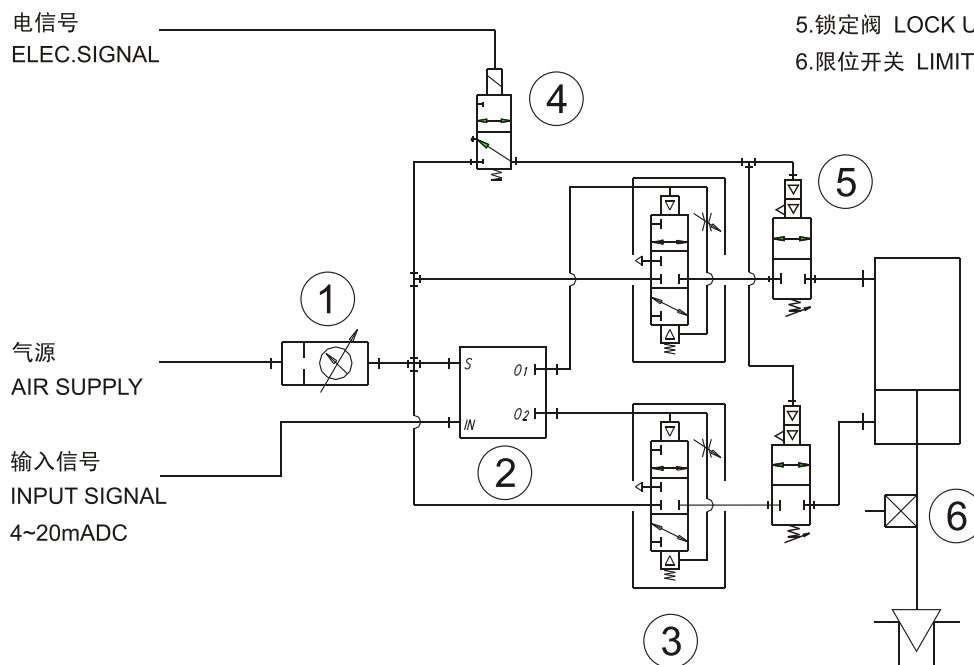


范例 3 eg.3



范例 4 eg.4

- 1.空气过滤减压阀 AIR SET
- 2.定位器 POSITIONER
- 3.气动放大器 VOLUME BOOSTER
- 4.3通电磁阀 3 WAY SOLENOID VALVE
- 5.锁定阀 LOCK UP VALVE
- 6.限位开关 LIMIT SWITCH



范例 5 eg.5

CONTROL VALVE DATA SHEET										CVSPP-1001	
			项目				位号				
							数量		页号		
			最终买主				修正版		日期		
			查询号				编号				
			工序								
			用途								
1	工艺条件	介质	LIQUID		临界压力		MPaA		临界温度		Deg C
2			Units	Max.	Norm.	Min.	Case1	Case2			
3		流量	M3/hr								
4		进口压力	MPaG								
5		出口压力	MPaG								
6		压差	MPa								
7		进口温度	Deg C								
8		比重	SG								
9		蒸发压力	MPaA								
10		粘度	cp								
11		计算Cv	Cv								
12		开度	%-LIN								
13	预计噪音	dBA									
14	总体说明	进口管道	Inch	Sch.	50	定位器	型式				
15		出口管道	Inch	Sch.	51		制造商/型号				
16		设计压力	[IN]	[OUT]	MPa		52	输入信号			
17		设计温度	[IN]	[OUT]	Deg C		53	信号增加			
18		关闭压力			MPa		54	防爆等级			
19	阀体/阀盖	型号			55	电磁阀	型式				
20		阀体型式			56		制造商/型号				
21		阀门口径			57		激磁				
22		压力等级			58		防爆等级				
23		连接型式			59		限位开关	型式			
24		阀盖型式			60			制造商/型号			
25	流向			61	接点						
26	阀内件	衬里			62	其他	防爆等级				
27		内件型式			63		减压阀				
28		阀座尺寸		Rated Cv	64		继电器				
29		流量特性			65		电气转换器				
30		阀芯型式			66		位置变送器				
31	材料	泄漏等级			67	Lock Up Valve					
32		阀体/阀盖			68	附件	防护等级				
33		阀杆			69		气路材料				
34		阀芯/板/球			70		全行程时间				
35		阀座			71		约重				
36		套筒/导套			72						
37		平衡密封环			73		备注/特殊说明				
38		填料			74						
39	垫片			75							
40	执行机构	执行器型式			76						
41		制造商			77						
42		执行器规格			78						
43		故障位置			79						
44		供气压力			80						
45	手动机构			81							
46											
47											
48	1										
49	No.	Date	Revision Description			Prepared By	Reviewed By	Approved By			

 用户提供数据 用户或 INO 提供数据

CONTROL VALVE DATA SHEET										CVSPP-1001		
		Project				Tag No.						
		Ult. Client				Qty		SHT. No.				
		Inq./P.O. No.				Revision No.		Date				
		Process				Serial No.						
		Application										
1	SERVICE CONDITIONS	Fluid			Critical Pr.		MPaA		Critical Tr.		Deg C	
2			Units	Max.	Norm.	Min.	Case 1	Case 2				
3		Flow Rate	M3/hr									
4		Inlet Pressure	MPaG									
5		Outlet Pressure	MPaG									
6		Differential Pressure	Mpa									
7		Inlet Temperature	Deg C									
8		Specific Gravity	SG									
9		Vapor Pressure	MPaA									
10		Viscosity	cp									
11		Required Capacity	Cv									
12		Opening Travel	%-LIN									
13		Predicted SPL	dBA									
14	GENERAL	Inlet Pipe Size	Inch	Sch.	50	POSITIONER	Type					
15		Outlet Pipe Size	Inch	Sch.	51		Mfr / Model					
16		Design Pressure	[IN]	[OUT]	MPa		52	Input Signal				
17		Design Temperature	[IN]	[OUT]	Deg C		53	Increase Signal To				
18		Max. Shut-Off Dp.		MPa	54		Explosion-Proof					
19	VALVE BODY / BONNET	Model No.			55	SOL. V/V	Type					
20		Body Type			56		Mfr / Model					
21		Body Size			57		Energized To					
22		Pr. Rating			58	Explosion-Proof						
23		End Connection			59	LIMIT SW.	Type					
24		Bonnet Type			60		Mfr / Model					
25	Flow Direction			61	Contact Point							
26	Lining			62	Explosion-Proof							
27	VALVE TRIM	Trim Type			63	ACC. OTHERS	Filter Regulator					
28		Port Size		Rated Cv	64		Volume Booster					
29		Flow Character.			65		I-P Transducer					
30		Plug Type			66		Position Feedback					
31	Seat Leakage			67	Lock Up Valve							
32	MATERIAL	Body / Bonnet			68	MISC.	Elect Housing STD					
33		Stem			69		Tubing Material					
34		Plug / Disc / Ball			70		Stroke Time(s)					
35		Seat Ring			71		Approx. Weight					
36		Cage / Retainer			72							
37		Balance Seal			73	<u>Notes / Special Instruction</u>						
38		Packing			74							
39	Gasket			75								
40	ACTUATOR	Actuator Type			76							
41		Mfr / Model			77							
42		Actuator Size			78							
43		Failure Mode			79							
44		Supply (Max)			80							
45	Manual Override			81								
46												
47												
48	I											
49	No.	Date	Revision Description			Prepared By	Reviewed By	Approved By				

 Data provided by customers

 Data provided by customers or INO

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The whole info in this catalogue is only for reference, with the development and technical improvement, please require new info to our company on time.



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