维拓斯液压

WSR型插装式单向阀

通径(NG)8至30 | 压力至315bar | 流量至400L/min

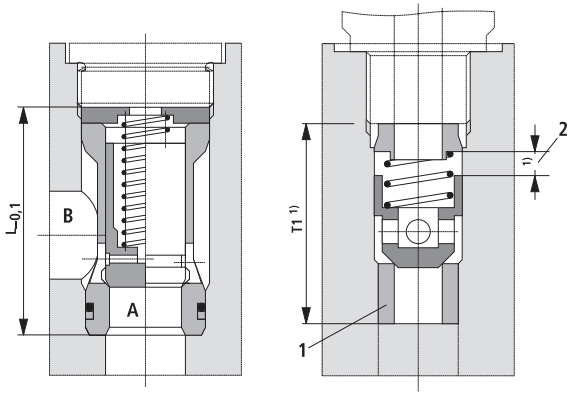
VTOZ

- 用于阀块安装
  - 直角式插装单向阀
  - 直通式插装单向阀
- 一个方向无泄漏关闭
- 可选择不同的开启压力

说明

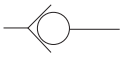
直角式
插装单向阀

直通式
插装单向阀



通径	$L_{-0.1}$
8	36,3
10	39,3
15	45,8
20	55,3
25	74,3
30	83,3

(带弹簧)



(不带弹簧)

1 在–60℃下压入阀座。
2 行程

订货型号

WSR | | | – 10 /

插装式单向阀

规格 6(无直角式阀)	= 6
规格 8	= 8
规格 10	= 10
规格 15	= 15
规格 20	= 20
规格 25	= 25
规格 30	= 30
直角式	= KE
直通式	= KD

无标记 =	丁腈橡胶密封
PE =	氟橡胶密封
10 =	序列号
00 =	无弹簧
02 =	开启压力0.2bar
05 =	开启压力0.5bar
15 =	开启压力1.5bar
30 =	开启压力3bar
50 =	开启压力5bar

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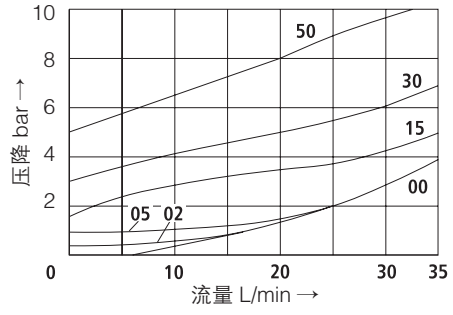
技术参数

最高工作压力	bar	至315
开启压力	bar	见型号说明
液压油		矿物油–适用于丁腈橡胶或氟橡胶密封
		磷酸酯–适用于氟橡胶密封
油液温度变化范围	℃	–30至+80(丁腈、橡胶密封)
		–20至+80(氟橡胶)
粘度范围	mm^2/s	2.8至500
油液清洁度		油液最高污染等级按NAS1638第9级 因此我们推荐过滤器最小过滤比$\beta_{10}\geq 75$

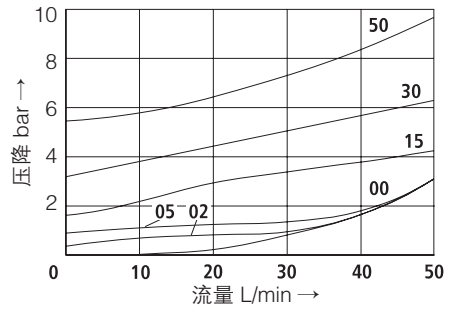
特征曲线:直角式插装单向阀(WSR.KE...)

在开启压力下，压降△P与流量q_v的关系

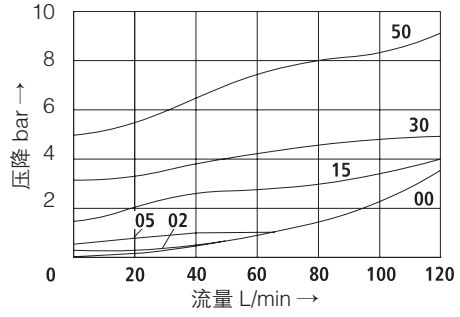
通径8



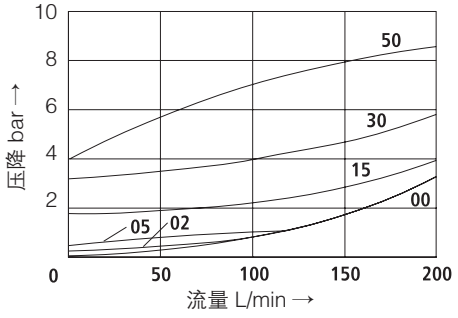
通径10



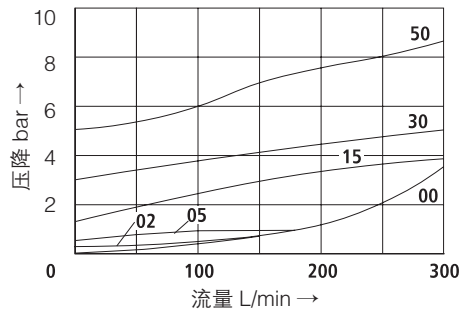
通径15



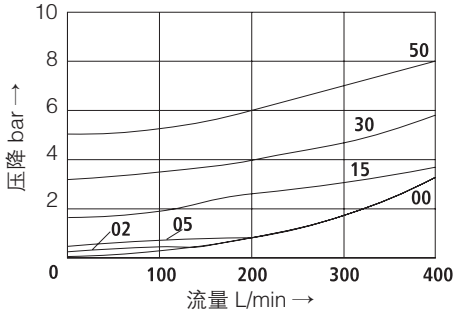
通径20



通径25



通径30



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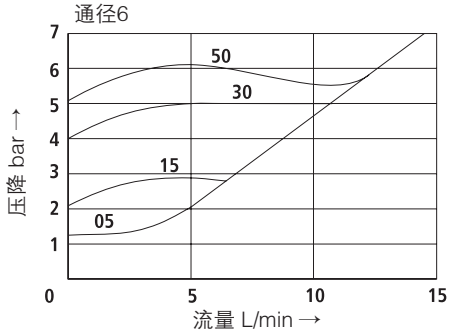
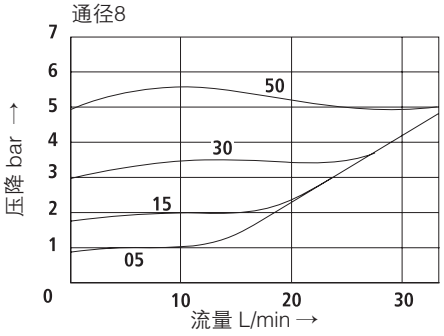
特征曲线：直通式插装单向阀(WSR.KD...)

在开启压力下，压降△P与流量q_v的关系

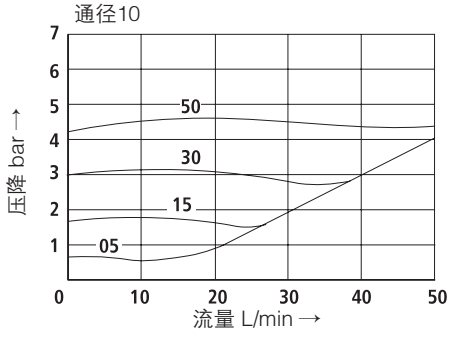
通径6



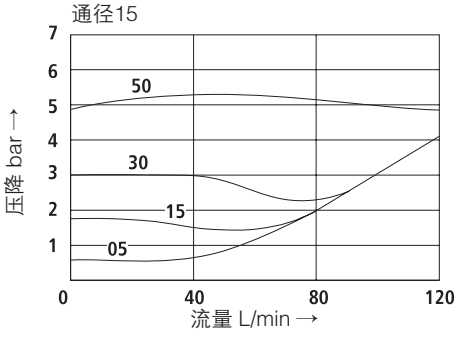
通径8



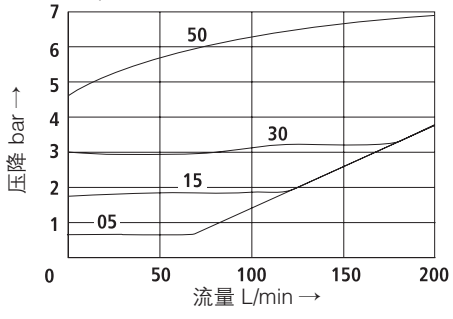
通径10



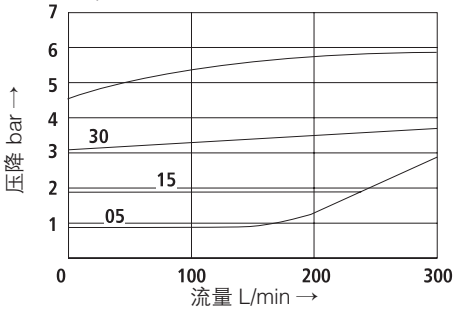
通径15



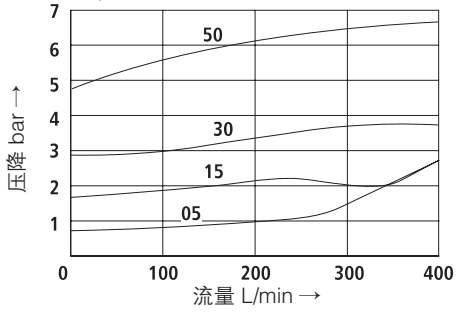
通径20



通径25



通径30



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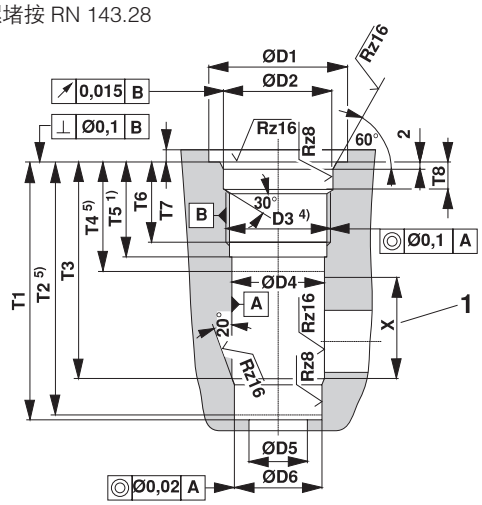
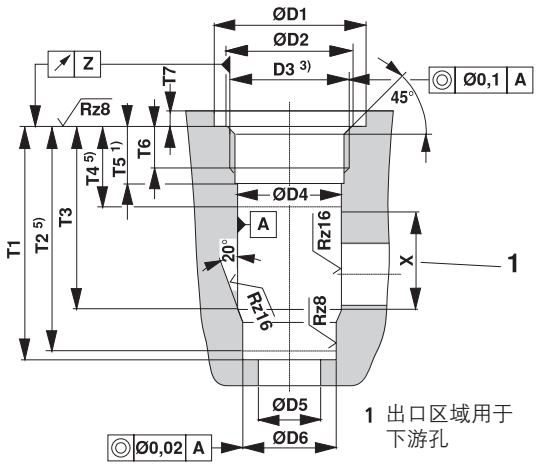
插装孔：直角式插装单向阀　　(单位：mm)

螺堵按 RN 143.28



螺堵按 RN 143.21

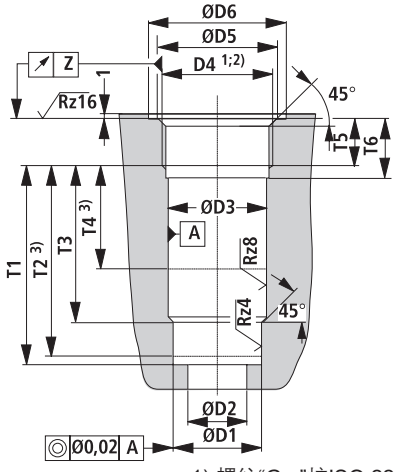


1 出口区域用于下游孔

1) 当在进出口中安装较深时，按要求加长T5
2) 用丁腈橡胶密封件
3) 管螺纹“G...”按ISO 228/1
4) 米制ISO细牙螺纹按DIN 13
5) 配合深度

通径		螺堵2) 元件号	p_N in bar	ØD1	ØD2	D3	ØD4 H8	ØD5	ØD6 H7	T1 +0.1	T2	T3	T4	T5	T6	T7	T8 +0.2	X	Z
8	RN 143.21	R900002423	315	23	17.1	G 3/8 3)	14	8	13	48.5	47.5	38.5	20	15	12	6	–	18	0.05
10		R900002422	315	28	21.4	G 1/2 3)	18	10	17	53.5	52.5	43.5	24	18	14	6	–	19	0.05
15		R900012091	315	33	26.8	G 3/4 3)	24	15	22	62	60.5	50	26	20.5	16	6	–	24	0.05
20		R900002424	315	41	33.8	G 1 3)	30	20	28	71.5	70	56.5	26	20.5	16	7	–	30	0.05
25		R900012411	25	51	42.5	G 1 1/4 3)	38	25	36	90.5	88	72.5	28	22	16	7	–	43	0.1
30		R900012412	25	56	48.5	G 1 1/2 3)	44	30	42	99.5	96.5	79.5	31	22	16	7	–	48	0.1
25	RN 143.28	R900323609	315	$56^{+0.5}$	44^{H8}	M42 x 1.5 4)	38	25	36	106.5	104	88.5	45	39	33	5	12	43	–
30		R900323610	315	$62^{+0.5}$	50^{H8}	M48 x 1.5 4)	44	30	42	115.5	112.5	95.5	48	39	33	5	12	48	–

插装孔：直通式插装单向阀　　(单位：mm)



1) 螺纹“G...”按ISO 228/1
2) 米制螺纹 按DIN 13
3) 配合深度

通径	$ØD1^{H7}$	ØD2	$ØD3^{H8}$	D4 1)	$ØD5^{\pm0.1}$	D4 2)	$ØD5^{\pm0.1}$	ØD6
6	10	6	11	G 1/4	13.6	M14 x 1.5	14.4	25
8	13	8	14	G 3/8	17.1	M18 x 1.5	18.4	28
10	17	10	18	G 1/2	21.4	M22 x 1.5	22.4	34
15	22	15	24	G 3/4	26.8	M27 x 2	27.4	42
20	28	20	30	G 1	33.8	M33 x 2	33.5	47
25	36	25	38	G 1 1/4	42.5	M42 x 2	42.5	58
30	42	30	44	G 1 1/2	48.5	M48 x 2	48.5	65

通径	$T1_{-0.1}$	T2	T3	T4	T5	T6	Z	阀芯行程
6	29.8	27.8	21.8	19	12	16	0.05	4
8	32.8	30.8	22.8	18	12	16	0.05	4
10	38.8	36.8	28.8	21	14	19	0.05	4
15	48.4	46.4	36.4	27	16	21	0.05	5
20	59	57	44	29	18	24	0.05	5
25	73	71	55	39	20	26	0.1	7
30	83	81	63	42	22	28	0.1	7

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