

RC 26 861/02.03

代替：12.02

先导式减压阀

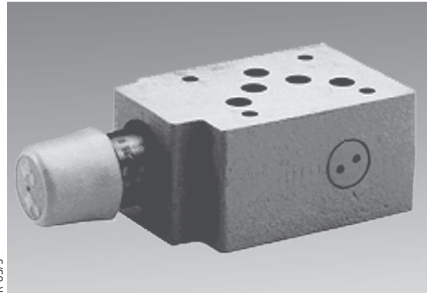
ZDR 10 型

通径 10

3X 系列

最高工作压力 315 bar

最高流量 100 L/min



R 83/5

型号 ZDR 10 VA5-3X/...Y...

目录

内容

特征

订货型号

优选型号

图形符号

功能说明、剖面图

技术数据

特性曲线

元件尺寸

特征

页码	— 安装面按 DIN 24 340 · A 型，
1	ISO 4401和CE TOP-RP 121 H
1	— 叠加式结构
2	— 4种压力范围
2	— 4种调节元件
3	• 旋钮
3	• 带护罩六角套筒
3	• 带刻度旋钮
4	• 不带锁有刻度旋钮
	— 可选单向阀 (VA, VB)
	— 可选压力表接口

订货型号

叠加式	= Z	Z	DR	10	V				3X	Y		*
结构												
减压阀		= DR										其它细节用文字说明
通径10			= 10									无代号 = 丁腈橡胶密封件
先导操作				= V								V = 氟橡胶密封件
油口A2减压					= A							(其它密封请咨询)
油口B2减压					= B							⚠ 注意！
油口P1减压					= P							必须考虑密封件和压力介质的协调性！
调节元件												无代号 = 带单向阀
旋钮					= 4							(VP型不可能)
带护罩的六角套筒螺钉					= 5							M = 不带单向阀
带锁有刻度旋钮					= 6 ¹⁾							
不带锁有刻度旋钮					= 7							
系列30至39										Y =		控制油内部供给，控制油外部泄油
(30至39：安装和连接尺寸保持不变)												
										50 =		最高二次压力 50 bar
										100 =		最高二次压力 100 bar
										200 =		最高二次压力 200 bar
										315 =		最高二次压力 315 bar

1) 订货代码 **990000815R** 4-6 键组贴包 含于供货清单中！

1) 订货代码**R900008158** H-锁钥匙包含于供货清单中！



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订货型号(备有现货)

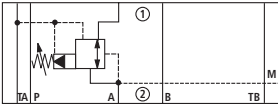
型号	订货代码
ZDR 10 VA5-3X/50Y	R900434583
ZDR 10 VA5-3X/100Y	R900436537
ZDR 10 VA5-3X/200Y	R900444003
ZDR 10 VB5-3X/100Y	R900457022
ZDR 10 VB5-3X/200Y	R900462912
ZDR 10 VP5-3X/100YM	R900411309

型号	订货代码
ZDR 10 VP5-3X/200YM	R900411311
ZDR 10 VP5-3X/315YM	R900438840

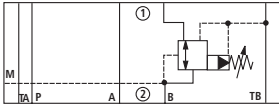
更深入的优选型号和标准型元件资料，
请参照EPS(力士乐标准价格表)

图形符号 (① = 阀侧；② = 底板侧)

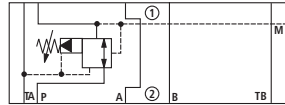
型号 ZDR 10 VA...-3X/...YM...



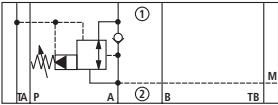
型号 ZDR 10 VB...-3X/...YM...



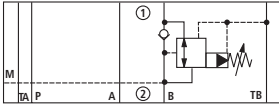
型号 ZDR 10 VP...-3X/...YM...



型号 ZDR 10 VA...-3X/...Y...



型号 ZDR 10 VB...-3X/...Y...



功能说明、剖面图

ZDR 10V型减压阀是叠式结构先导式阀。

它们用于回路中压力降低。

该类阀的组成包括插件(1)和阀体(2)。由调节元件(4)设定减压压力。

"VP"型

在静能位置阀常开。油液可自由从油口P2流向油口P1。油口P1的压力还作用于主阀芯(6)的端面上，同时经节流孔(5)作用于主阀芯(6)的弹簧加载侧。该压力还经节流孔(9)作用于先导压力提升阀芯(8)上。

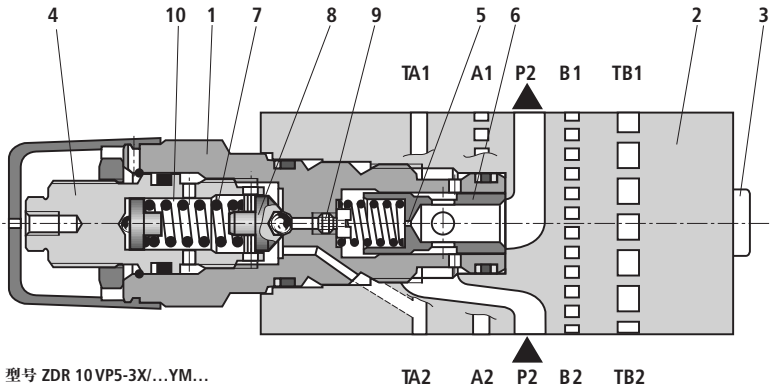
当油口P2的压力达到弹簧(7)的设定值时，先导提升阀芯(8)

开启。进而，油液从弹簧腔(6)经节流孔(9)，先导提升阀芯(8)和弹簧腔(10)流回油箱。阀心(6)移至控制位置并保持弹簧(7)设定的油口P1压力恒定。先导控制油经油口TA(Y)从弹簧腔(10)返回。

"VA"和"VB"型

在VA和VB型阀中，油口A2至B2减压。为了使油液能从油口A2至A1或B2至B1自由返回流动，可安装可选择的单向阀。(对VP型不可能。)

一个可选择的压力表接口(3)用于二次压力监测。



Technical drawing of the ZDR 10VA... ZDR 10VP... device. The drawing shows the front and side views of the unit. Key dimensions and components are labeled:

- Dimensions:**
 - Overall width: 214.7
 - Overall height: 50
 - Mounting hole spacing: 18
 - Mounting hole diameter: $\varnothing 15.7$
 - Internal width: 190.7
 - Internal height: 104
 - Bottom flange thickness: 1.5
 - Top flange thickness: 14
 - Bottom flange width: 26
- Components:**
 - 6:** Mounting bracket
 - 4:** Mounting screw
 - 5:** Mounting nut
 - 11:** Mounting plate

0.01/100mm
R_{max} 4

Technical drawing of the ZDR 10 VB... valve assembly. The drawing shows a side view of the valve body with dimensions: 113.2, 89.2, 18, 50, 20, 61, and 32. Callouts 1, 4, 5, 6, 8, and 10 point to various components. The valve body is shown in a cross-section view, revealing internal components like the valve core and spring.

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- Technical drawing of a mechanical assembly, likely a pump or valve component, showing a top view and two cross-sectional views.
- Top View Dimensions:**
- Overall width: 116.5
 - Overall height: 70
 - Distance from left edge to center of hole TA: 61.5
 - Distance from center of hole TA to center of hole A: 12
 - Distance from center of hole A to center of hole B: 46
 - Distance from center of hole B to center of hole TB: 54
 - Distance from center of hole TB to right edge: 44
 - Distance from center of hole TB to center of hole P: 53.8
 - Distance from left edge to center of hole TA: 61.5
 - Distance from center of hole TA to center of hole A: 12
 - Distance from center of hole A to center of hole B: 46
 - Distance from center of hole B to center of hole TB: 54
 - Distance from center of hole TB to right edge: 44
 - Distance from center of hole TB to center of hole P: 53.8
- Top View Labels:**
- 4 x Ø 6.7 (Four small holes)
 - TA, A, B, TB, P (Five circular features)
- Sectional View Dimensions:**
- Overall width: 61
 - Overall height: 53.8
 - Inner diameter: Ø30
- Sectional View Labels:**
- 8 (Two components)
 - 2 (One component)
- Another Sectional View Dimensions:**
- Overall width: 116.5
 - Overall height: 70
 - Distance from left edge to center of hole TA: 61.5
 - Distance from center of hole TA to center of hole A: 12
 - Distance from center of hole A to center of hole B: 46
 - Distance from center of hole B to center of hole TB: 54
 - Distance from center of hole TB to right edge: 44
 - Distance from center of hole TB to center of hole P: 53.8
 - Distance from left edge to center of hole TA: 61.5
 - Distance from center of hole TA to center of hole A: 12
 - Distance from center of hole A to center of hole B: 46
 - Distance from center of hole B to center of hole TB: 54
 - Distance from center of hole TB to right edge: 44
 - Distance from center of hole TB to center of hole P: 53.8
- Another Sectional View Labels:**
- 3 (One component)
 - 8 (Two components)
 - 9 (One component)
 - 0.5 (Dimension)
 - Ø35 (Inner diameter)

以上给出的资料，仅为了说明产品。我们提供的资料不能用于作为某种特殊观点或适用于某种特殊用途的证据。必须牢记的是我们的产品
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