

带阀芯位置监控的电磁换向阀

型号WE/(26)...(QMBG24)



- ◆ 通径6至10
- ◆ 最高工作压力350 bar
- ◆ 最大工作流量120L/ min

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特征

- 电磁控制液流的开启、停止和换向
- 采用高压接近开关进行位置监测
- 响应时间短，感应频率高，重复精度高
- 准确检测阀芯换向位置
- 非接触式感应方式，避免磨损，延长使用寿命

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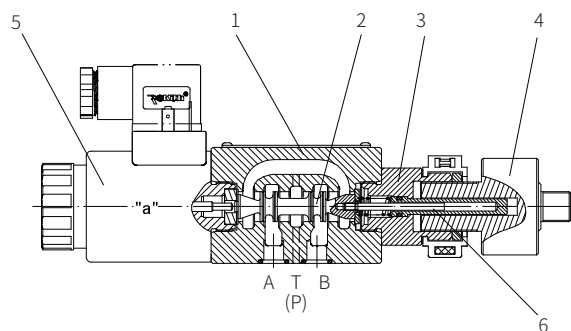


功能说明、剖面图

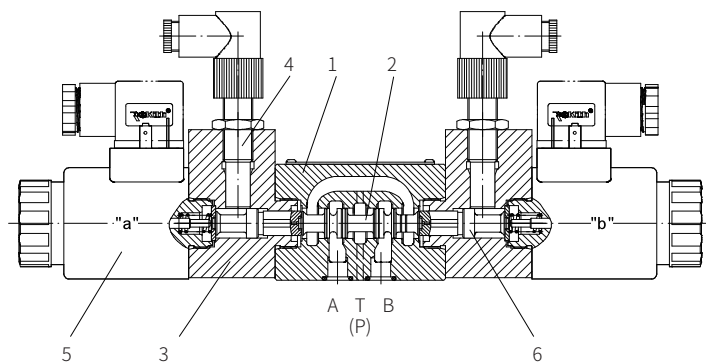
该阀主要由阀体(1)、阀芯(2)、过渡接头(或过渡盖)(3)、传感器(4)、电磁铁(5)及感应杆(或过渡阀芯)(6)组成。

通过电磁铁通电或断电推动阀芯位移, 将其由静止位置推到所需的工作位置, 实现换向过程。使液流由P到A和B到T或由P到B和A到T通。

在换向过程中,通过接近开关接收信号,及时向系统反馈换向是否到位,起到安全保障作用。



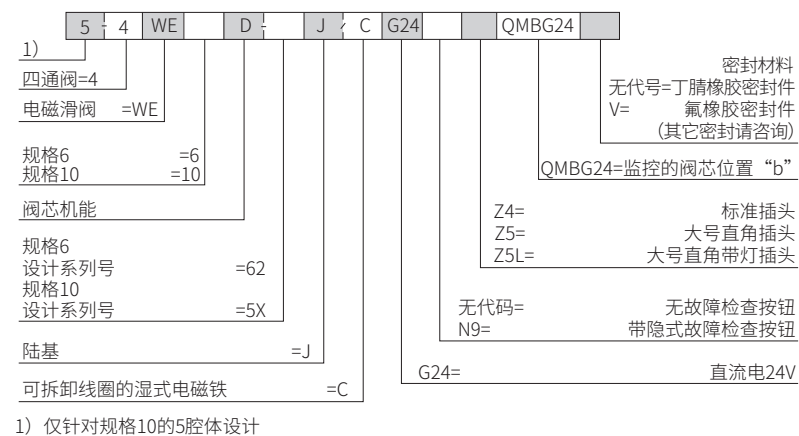
型号4WE6D62J/CG24N9K4OMBG24



型号4WE6E6XJ/26CG24N9Z5LG24WD

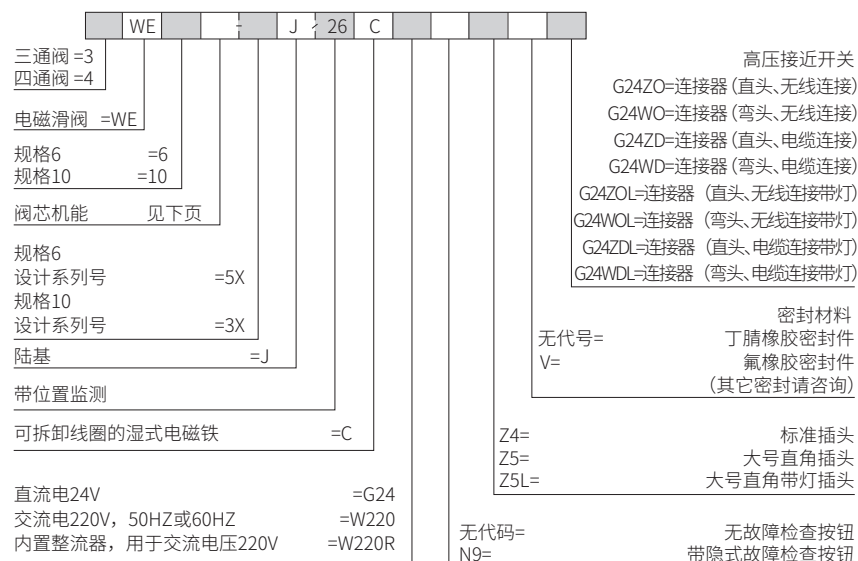
规格型号

型号: WE../..OMBG24



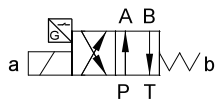
规格型号

型号: WE../26...



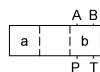
机能符号

WE6 (10) D.../...QMBG24的机能符号

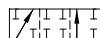
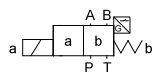


WE6(10)../26..的机能符号

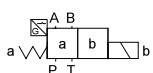
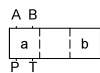
过渡机能



滑阀机能



= A (T口作为泄油口)

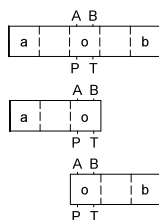


= B (T口作为泄油口)

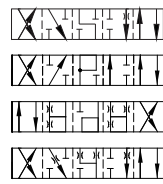
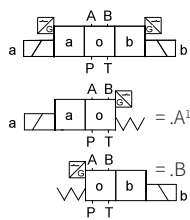
1)例如:

阀芯机能符号E标示线圈在a侧上

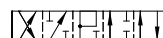
过渡机能



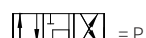
滑阀机能



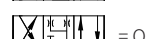
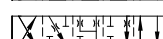
= L



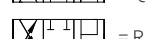
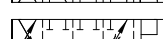
= M



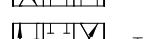
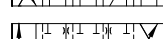
= P



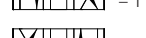
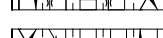
= Q



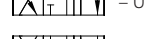
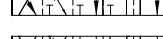
= R



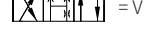
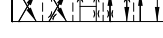
= T



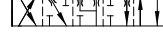
= U



= V



= W



= J

技术参数

工作压力	(Mpa)	A,B,P口至35
T口压力	(Mpa)	至16 (交流) 至21 (直流)
介质		矿物质液压油或磷酸酯液压油
黏度范围	(mm ² /s)	2.5至500
温度范围	(°C)	-30至+80

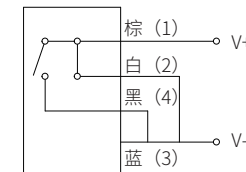
注: 对于A型和B型机能, 如工作压力超过T腔允许压力, T必须作为泄油口使用。

注: 对于特性曲线及工作极限参见WE电磁换向阀标准样本。

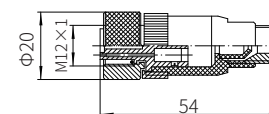
电器参数

耐高压接近开关电器连接: 通过带连接螺纹M12×1的连接插头实现电器连接

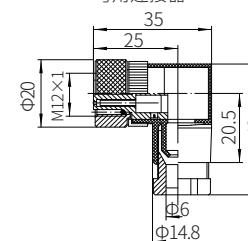
连接电压	24V±25%(直流)
波峰电压	≤10%
输出电压	最大200mA
感应频率	600Hz



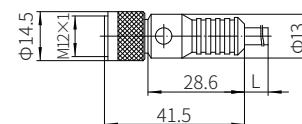
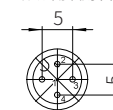
直角连接器



弯角连接器



电缆连接器 (M12×1) 外形 (电缆长2m)

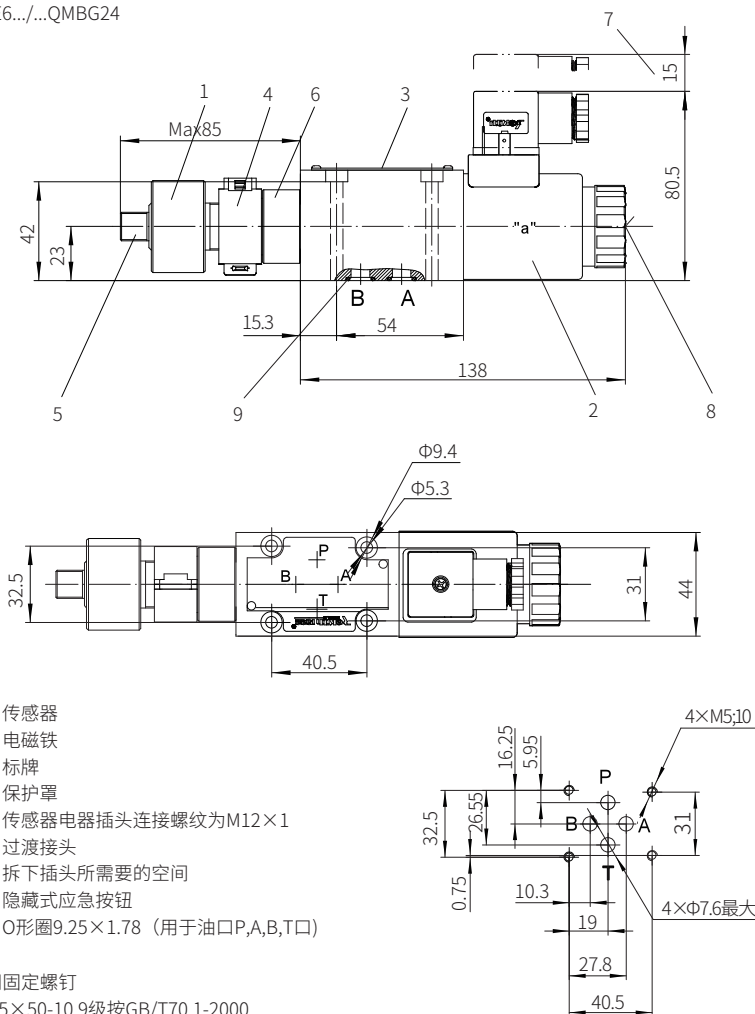
针位图
从针脚侧看

- 1 褐色
- 2 白色
- 3 蓝色
- 4 黑色

元件尺寸

尺寸单位: mm

型号4WE6.../...QMBG24



- 1 传感器
- 2 电磁铁
- 3 标牌
- 4 保护罩
- 5 传感器电器插头连接螺纹为M12×1
- 6 过渡接头
- 7 拆下插头所需要的空间
- 8 隐藏式应急按钮
- 9 O形圈9.25×1.78 (用于油口P,A,B,T口)

阀固定螺钉

M5×50-10.9级按GB/T70.1-2000

拧紧扭矩 $M_A=7.8\text{Nm}$

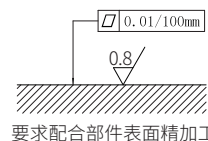
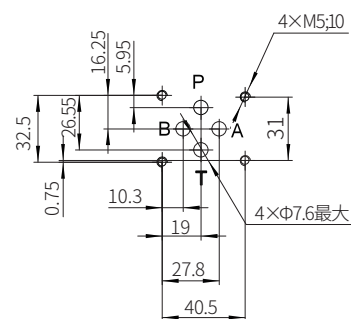
如需连接底板, 必须单独订货

底板型号:

G341/01 (G1/4"); G341/02 (M14×1.5)

G342/01 (G3/8"); G342/02 (M18×1.5)

G502/01 (G1/2"); G502/02 (M22×1.5)

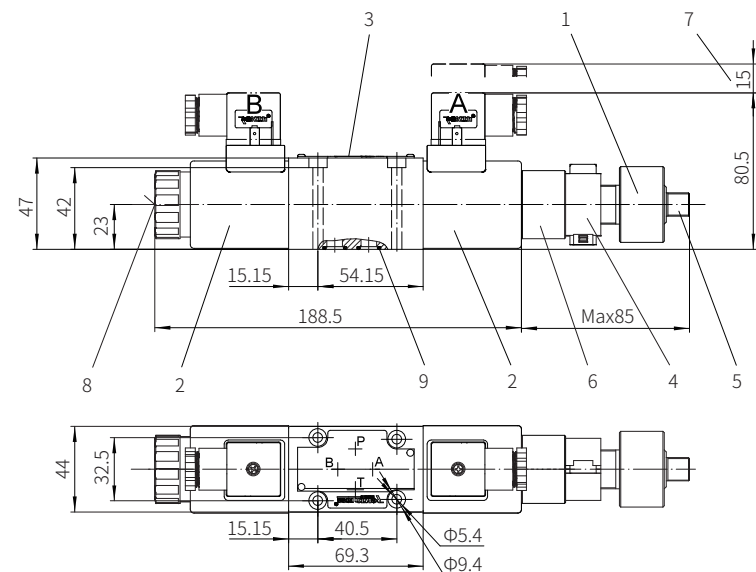


要求配合部件表面精加工

元件尺寸

尺寸单位: mm

型号4WE6.../...QMBG24



- 1 传感器
- 2 电磁铁
- 3 标牌
- 4 保护罩
- 5 传感器电器插头连接螺纹为M12×1
- 6 过渡接头
- 7 拆下插头所需要的空间
- 8 隐藏式应急按钮
- 9 O形圈9.25×1.78 (用于油口P,A,B,T口)

阀固定螺钉

M5×50-10.9级按GB/T70.1-2000

拧紧扭矩 $M_A=7.8\text{Nm}$

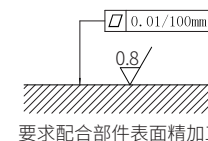
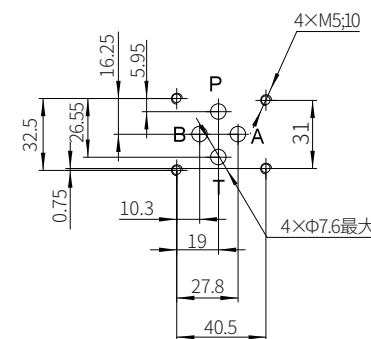
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底板型号:

G341/01 (G1/4"); G341/02 (M14×1.5)

G342/01 (G3/8"); G342/02 (M18×1.5)

G502/01 (G1/2"); G502/02 (M22×1.5)

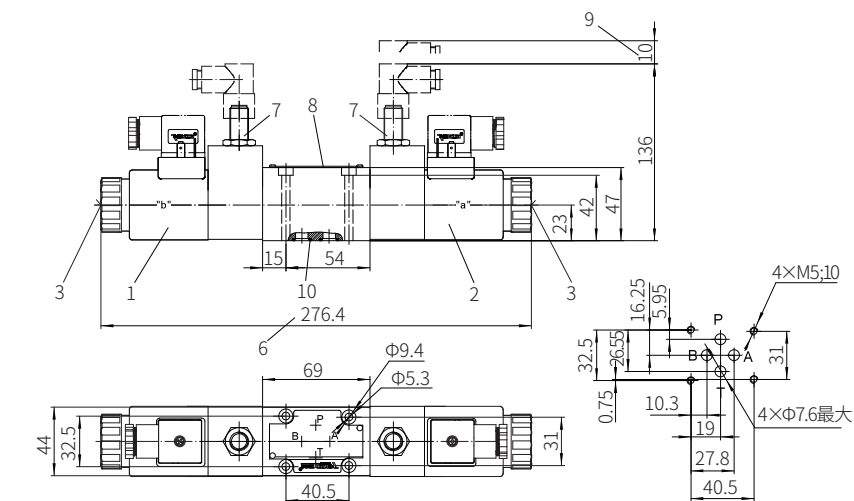


要求配合部件表面精加工

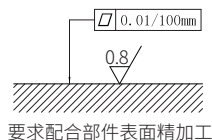
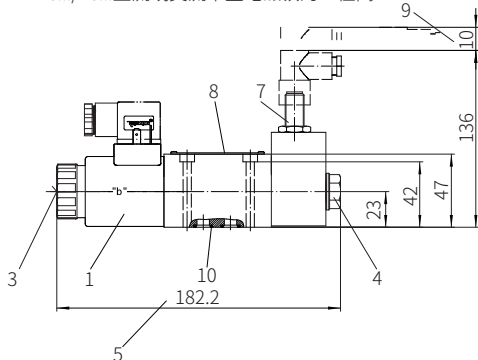
元件尺寸

尺寸单位: mm

型号4WE6.../26...直流或交流本整电磁铁的三位阀



4WE6.../26...直流或交流本整电磁铁的二位阀



- 1 电磁铁
- 2 电磁铁
- 3 隐藏式应急按钮
- 4 二位阀时用螺塞
- 5 二位阀时尺寸
- 6 三位阀时尺寸
- 7 高压接近开关
- 8 标牌
- 9 拆下配合连接器所需要的空间
- 10 O形圈9.25×1.78
(用于油口P,A,B,T口)

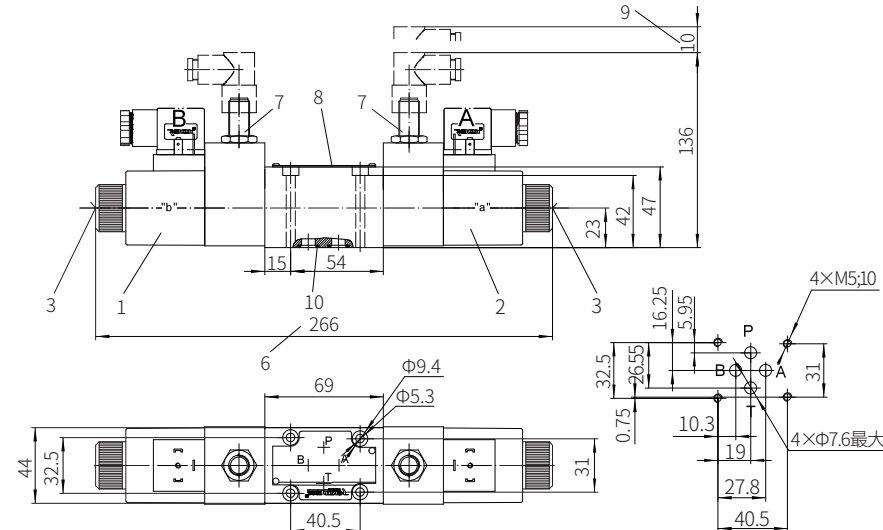
如需连接底板, 必须单独订货
 底板型号:
 G341/01(G1/4"); G341/02(M14×1.5)
 G342/01(G3/8"); G342/02(M18×1.5)
 G502/01(G1/2"); G502/02(M22×1.5)

阀固定螺钉
 M5×50-10.9级按GB/T70.1-2000
 拧紧扭矩 $M_A=7.8\text{Nm}$

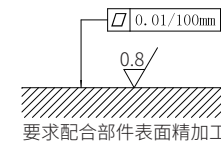
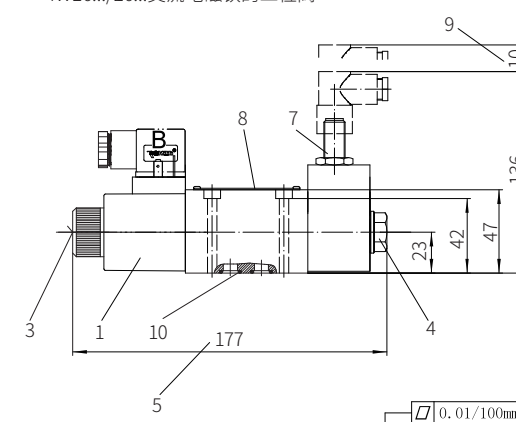
元件尺寸

尺寸单位: mm

型号4WE6.../26...交流电磁铁的三位阀



4WE6.../26...交流电磁铁的二位阀



- 1 电磁铁
- 2 电磁铁
- 3 隐藏式应急按钮
- 4 二位阀时用螺塞
- 5 二位阀时尺寸
- 6 三位阀时尺寸
- 7 高压接近开关
- 8 标牌
- 9 拆下配合连接器所需要的空间
- 10 O形圈9.25×1.78
(用于油口P, A, B, T口)

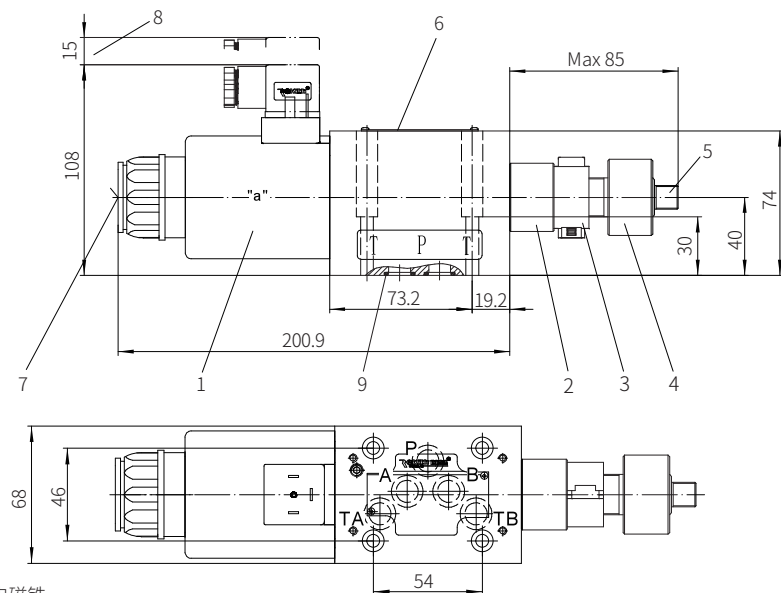
如需连接底板, 必须单独订货
 底板型号:
 G341/01(G1/4"); G341/02(M14×1.5)
 G342/01(G3/8"); G342/02(M18×1.5)
 G502/01(G1/2"); G502/02(M22×1.5)

阀固定螺钉
 M5×50-10.9级按GB/T70.1-2000
 拧紧扭矩 $M_A=7.8\text{Nm}$

元件尺寸

尺寸单位: mm

型号4WE10D.../...QMBG24



- 1 电磁铁
- 2 过渡接头
- 3 保护罩
- 4 传感器
- 5 传感器电器插头连接螺纹为M12×1
- 6 标牌
- 7 隐藏式应急按钮
- 8 拆下插头所需要的空间
- 9 O型圈10×2 (用于油口P,A,B,T)

阀固定螺钉

M6×40-10.9级按GB/T70.1-2000

拧紧扭矩 $M_A=13.7\text{Nm}$

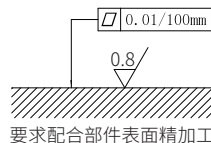
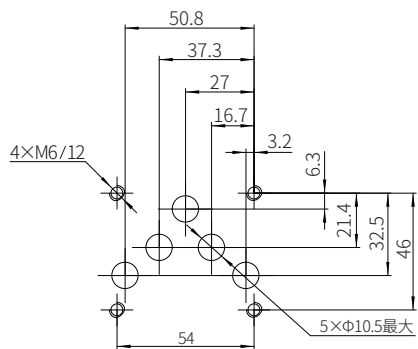
如需连接底板, 必须单独订货

底板型号:

G66/01 (G3/8"); G66/02 (M18×1.5)

G67/01 (G1/2"); G67/02 (M22×1.5)

G534/01 (G3/4"); G534/02 (M27×2)

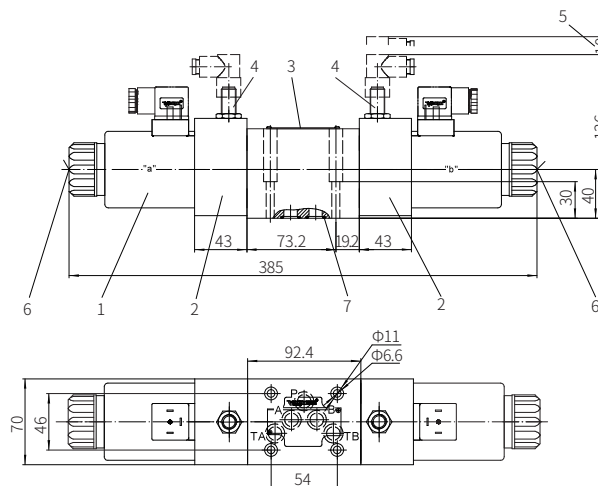


要求配合部件表面精加工

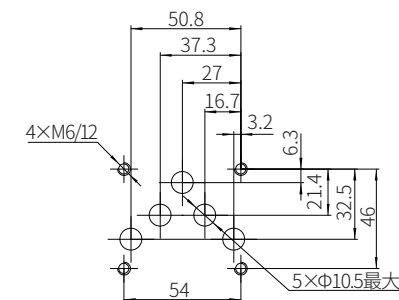
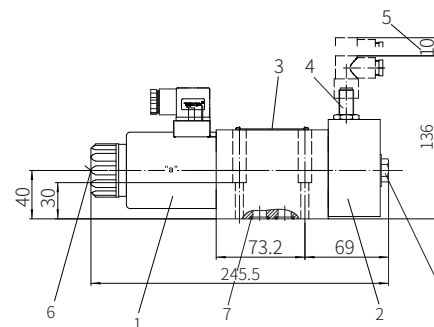
元件尺寸

尺寸单位: mm

型号4WE10.../26...带直流或交流本整电磁铁的三位阀



4WE10.../26...带直流或交流本整电磁铁的二位阀



- 1 电磁铁
- 2 过渡盖
- 3 标牌
- 4 高压接近开关
- 5 拆下配合连接需所需要的空间
- 6 隐藏式应急按钮
- 7 O形圈12×2 (用于油口P,A,B,T)
- 8 二位阀时用螺塞

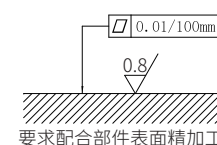
如需连接底板, 必须单独订货

底板型号:

G66/01 (G3/8"); G66/02 (M18×1.5)

G67/01 (G1/2"); G67/02 (M22×1.5)

G534/01 (G3/4"); G534/02 (M27×2)



要求配合部件表面精加工

阀固定螺钉

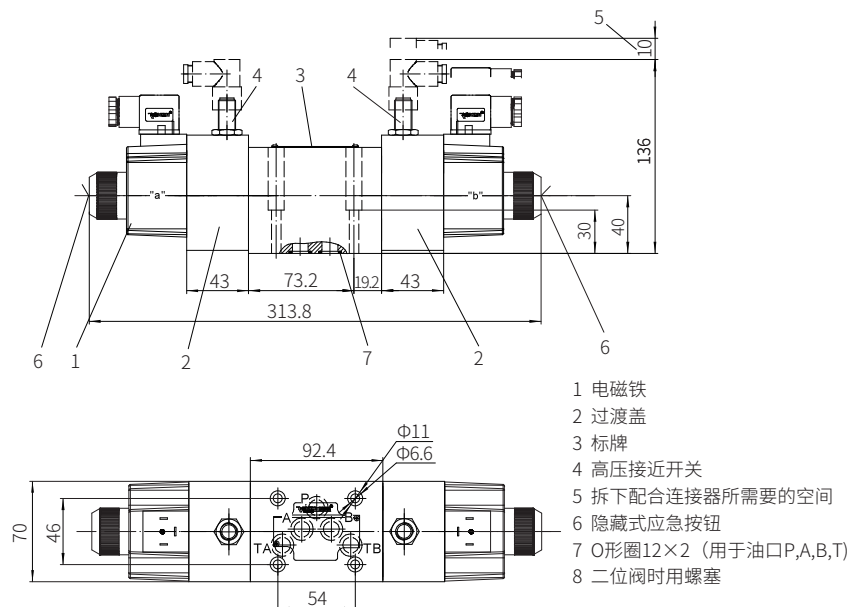
M6×40-10.9级按GB/T70.1-2000

拧紧扭矩 $M_A=13.7\text{Nm}$

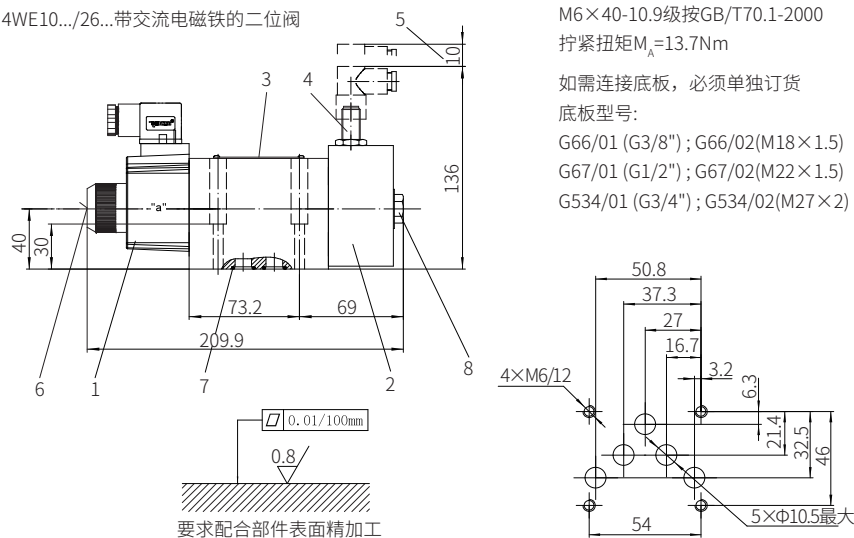
元件尺寸

尺寸单位: mm

型号4WE10.../26...带交流电磁铁的三位阀



4WE10.../26...带交流电磁铁的二位阀



隔断阀

型号Z4WE6...3XJ



- ◆ 通径6
- ◆ 最高工作压力315 bar
- ◆ 最大工作流量40L/min

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特征

- 用电磁铁操作的换向滑阀
- 用以控制油液的接通与断开
- 手动应急操作按钮可以在不通电的情况下
- 控制阀芯运动