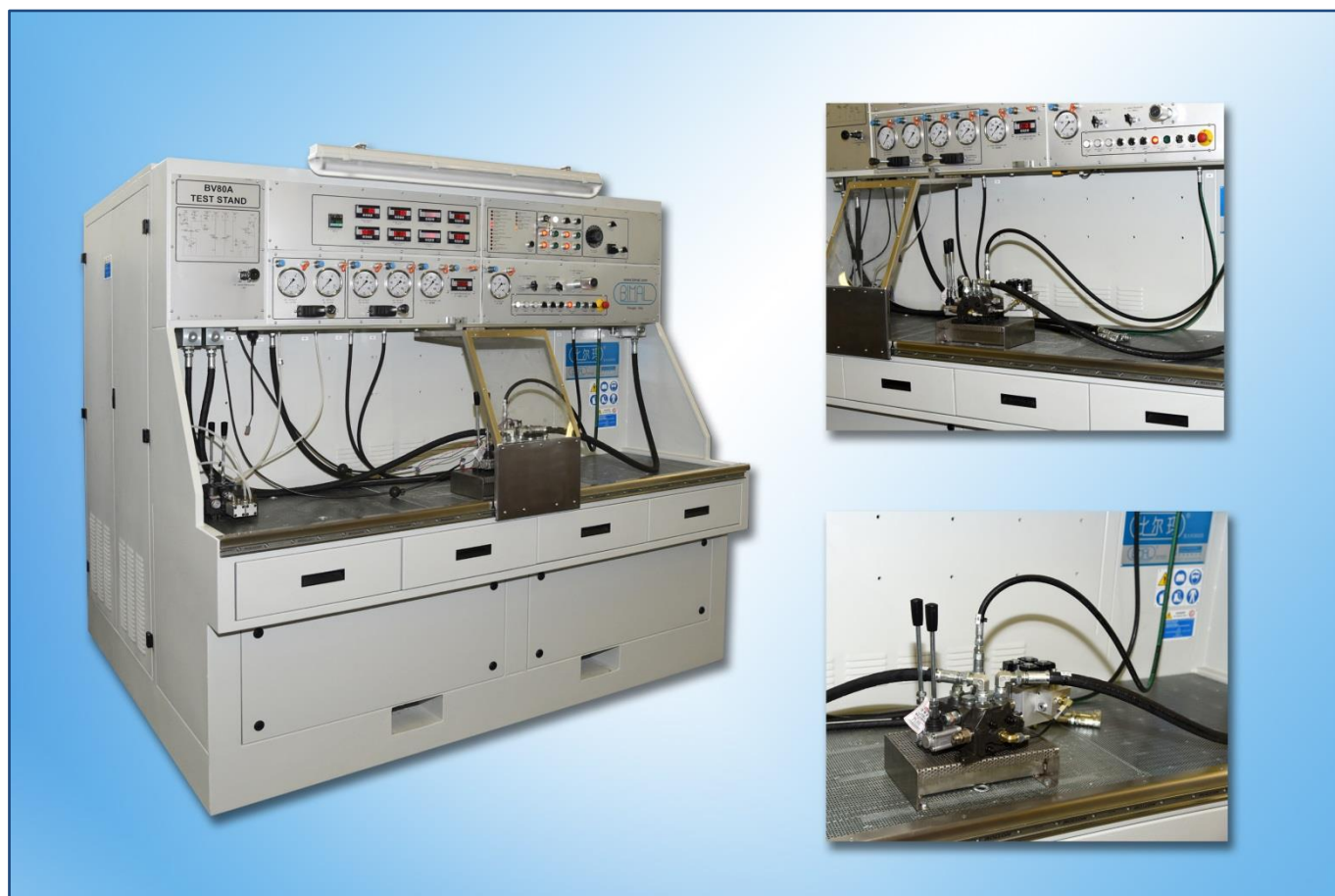


通用测试台
UNIVERSAL TEST STAND
BV80/A



Test Industry S.r.l. – Bimal 生产基地
Via A. Monni, 18-14
06135 – PONTE VALLECEPPI (佩鲁贾)
电话 +39 075 59217.1 传真+39 075 59217.40
电子邮件: bimal@bimal.com 网址:www.bimal.com



通用规格

BV 80 / A 是一台液压通用测试台，用于测试普通液压阀，特别是用于测试电气（电磁阀）、液压、手动、气动操作的方向阀。该液压系统可检测阀头损耗、设置主泄压阀、设置或验证防震阀、“直接”测量阀芯和/或止回阀泄漏，使用补偿流量调节器的背压进行测试等。

技术规格:

- 提供:
 - 1) 可变排量活塞泵，在 320 bar 时非同时最大输送量为 80 升/分（在 230 bar 时约为 80 升/分，在 320 bar 时为 60 升/分），配备带数字显示的体积流量计（精确度为 $\pm 0.3\%$ 读数）
 - 2) 固定排量活塞泵（450 bar 时为 5 升/分）（6,525 psi 时 1.3 gpm）
- 回油管路:
 - 1) 自由管路
 - 2) 配备背压和带数字显示的体积流量计（精确度为 $\pm 0.3\%$ 读数）
- 两条用于直接泄漏测量的管路:
 - 最大流量输送约 1.5 升/分（0.4 gpm）
 - 可调压力最大 320 bar（4,640 psi）
 - 带数字显示的泄漏检测体积流量计（范围 2~2000 cc/分，精确度为 $\pm 0.3\%$ 读数）
- 液压先导管路:
 - 2 条可调节压力的输送管路，最大 60 bar（870 psi），带手动操作伺服控制，标准尺寸 DN100
- 气动先导管路:
 - 2 条可调节压力的输送管路，最大 6 bar（87 psi），带手动操作伺服控制，标准尺寸 DN100
- 电子电磁阀提供:
 - 2 个带电缆卷筒的插头，可调电压 0-220 V DC- AC，每个均配备有安培计和数字电压计
 - 1 个带电缆卷筒的插头，固定电压 12 或 24 VDC
- 机油调节配备数字仪表和 PT 100，5 KW 电加热器，冷却用气-油热交换器

外形尺寸:

- 尺寸(长; 深; 高): 2.000 x 1.700 x 2.500 (78"x 67"x 98")
- 净重: 约 Kg.1.600 (3,527 lbs)

技术数据:

- 电动发动机供源 1: 45 KW
- 电动发动机供源 2: 5.5 KW
- 油箱容量: 270 升（71 加仑）
- 离线过滤系统，具备非常高的存储容量（ $4\mu\text{m } \beta > 100$ ）和电气 ΔP （75%和 100%）开关

动力源:

- 标准电源: 400 V- 50 Hz – 82 kVA
- 压缩空气 6 bar (87 psi)

安全装置:

- 操作员的滑动防护
- 紧急按钮

颜色:

- 标准: 灰色 Bimal RAL 7035

推荐用油:

本测试台可使用从 22 级到 46 级的 ISO VG 等级机油运行。

图像以及技术规格和图像可以更改，恕不另行通知



GENERAL SPECIFICATIONS

BV 80 / A is a hydraulic universal test stand used for testing of hydraulic valves in general, in particular for testing of electrically (solenoid), hydraulically, manually, pneumatically operated directional valves. The hydraulic system allows detection of head losses, setting of the main relief valve, setting or verification of antishock valves, "direct" measure of the leakages of spools and/or check valves, testing with back pressure of compensated flow regulators.

TECHNICAL SPECIFICATIONS:

- Supplies:
 - 1) variable displacement piston pump max delivery 80 lt/min at 320 bar not simultaneously (about 80 lt/min at 230 bar and 60 lt/min at 320 bar), with volumetric flow meter with digital display (acc. $\pm 0.3\%$ read value)
 - 2) fixed displacement piston pump (5 lt/min at 450 bar) (1.3 gpm at 6,525 psi)
- Return lines:
 - 1) free
 - 2) with back pressure and volumetric flow meter with digital display (acc. $\pm 0.3\%$ read value)
- Two lines for direct leakage measurement:
 - max flow delivery about 1.5 lt/min (0.4 gpm)
 - adjustable pressure max 320 bar (4,640 psi)
 - volumetric flow meter for leakages detection with digital display (range 2 ÷ 2000 cc/min, accuracy $\pm 0.3\%$ read value)
- Hydraulic pilot lines:
 - 2 delivery lines with adjustable pressure, max 60 bar (870 psi) with manually operated servocontrol, gauges DN100
- Pneumatic pilot lines:
 - 2 delivery lines with adjustable pressure, max 6 bar (87 psi) with manually operated servocontrol, gauges DN100
- Electrical solenoids supplies:
 - 2 plugs with cable reel, adjustable supplies 0-220 V DC- AC, each one with ammeter and digital voltmeter
 - 1 plug with cable reel, fixed supplies 12 or 24 VDC
- Oil conditioning with digital instrument and PT 100, 5 KW electrical heater, air-oil heat exchanger for cooling

DIMENSIONS:

- Dim (L; D; H): 2.000 x 1.700 x 2.500 (78" x 67" x 98")
- Net weight: about Kg. 1.600 (3,527 lbs)

TECHNICAL DATA:

- electrical engine supply 1: 45 KW
- electrical engine supply 2: 5.5 KW
- oil tank capacity: 270 lt (71 gal)
- off-line filtration system with very high storage capacity ($4\mu\text{m } \beta > 100$) and electrical ΔP (75% and 100%) switches

POWER SUPPLIES:

- Electrical Standard Supply: 400 V- 50 Hz – 82 kVA
- compressed air 6 bar (87 psi)

SAFETY DEVICES:

- sliding-protection for operator
- emergency button

COLOR:

- Standard: Grey Bimal RAL 7035

SUGGESTED OIL:

The test stand can operate with ISO VG oil classes from grade 22 to grade 46.

Images and technical specifications and images can be changed without notice

Test Industry S.r.l. – Bimal 生产基地

Via A. Monni, 18-14

06135 – PONTE VALLECEPPI (佩鲁贾)

电话 +39 075 59217.1 传真+39 075 59217.40

电子邮件: bimal@bimal.com 网址:www.bimal.com