



IBA-Retzer GbR

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Vickers DG4V-5-23A-Z-M-U-H6-20 Directional Control Valve with Electrical Position Control (Stroke Monitoring)

TECHNICAL DATASHEET

Description

The Vickers DG4V-5-23A-Z-M-U-H6-20 is a high-performance hydraulic directional control valve equipped with an integrated electrical position control module. This configuration enables precise monitoring of spool position, ensuring accurate and reliable actuation in demanding hydraulic systems. The electrical stroke monitoring system enhances operational safety and feedback control, making it suitable for automation and process-critical applications.

Technical Specifications

Parameter	Value
Valve Type	Hydraulic directional control valve
Series	DG4V-5
Model Code	DG4V-5-23A-Z-M-U-H6-20
Additional Module	Electrical Position Control / Stroke Monitoring
Monitoring Module Model	QTU SS SWB B29 N/30
Fabrication Number	479314
Year of Manufacture	1992
Maximum Pressure	350 bar
Maximum Flow Rate	2800 l/min
Supply Voltage	10–30 V DC
Duty Cycle	100% ED (continuous rating)
Hydraulic Fluid Temperature Range	-10°C to +80°C
Manufacturer	Vickers / Trinova Company
Country of Origin	England

Features

- Integrated electrical stroke monitoring for precise spool position feedback
- High flow capacity up to 2800 l/min
- Robust design rated for pressures up to 350 bar
- Wide supply voltage range (10–30 V DC)



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- Continuous duty cycle (100% ED)
- Temperature-resistant operation from -10°C to $+80^{\circ}\text{C}$
- Manufactured by Vickers, a Trinova Company, in England

Applications

- Industrial hydraulic systems
- Automated machinery
- Press and forming equipment
- Injection molding machines
- Mobile hydraulics with feedback control
- Process control systems requiring position monitoring

Notes

The unit is supplied as a complete set including multiple components, as shown in the reference images.