

Pelican
Hydro Technica

micado[®]

Innovation and Quality,
Perfectly Aligned.



**COMMITTED TO
EXCELLENCE POWER THE FUTURE
THROUGH INNOVATION**



Introduction

Pelican Hydro Technica, under the brand Micado, has been a leader in the hydraulic industry since 2007. Based in Rajkot, Gujarat, we specialize in manufacturing high-quality hydraulic control valves tailored to meet the rigorous demands of industries worldwide. With over a decade of expertise, we offer an advanced range of products, including Monoblock and Sectional control valves, Hand lever Operated Directional Control Valve, Pressure Relief Valves, Check Valves and Plough Overturning Valves.



Our commitment to precision, innovation, and customer-centric solutions drives us to produce valves that excel in performance, durability, and safety. Supported by state-of-the-art facilities and stringent quality control, we deliver products that enhance operational efficiency across sectors such as agriculture, construction, and industrial applications. At Micado Valves, we are dedicated to building enduring client relationships by providing customized hydraulic solutions that drive productivity and growth.



Mission

To consistently produce advanced hydraulic products that set benchmarks in quality and performance, supporting diverse industries in achieving their operational goals sustainably and effectively.



Vision

To build a future of industrial excellence by providing innovative and durable hydraulic solutions that enhance productivity, safety, and sustainability across global markets.

Monoblock Control Valves



PH45/1



PH45/1NC-FC



PH45/2



PH45/3-JOYSTICK



PH45/4

Sectional Control Valves



PH80/1



PH80/2

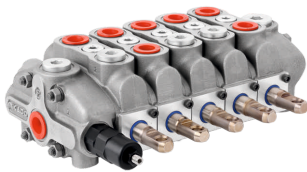


PH80/2-FORKLIFT



PH80/3

Sectional Control Valves



PH80/5-HARVESTER



PH80/7



PH80/8-JOYSTICK-2

Directional Control Valves



4DL10-SG



4DL10-SUBPLATE



4DL10-TG



4DL10-TG-3PRV



4DL10-TG-4PRV

Other Products



PRESSURE RELIEF VALVES



IN LINE CHECK VALVES



PLOUGH OVER TURNING VALVE



PILOT CHECK VALVES

PH45 Monoblock Control Valves

Description:

- Ph45 Hydraulic Mobile Control valve is a high-performance Monoblock valve designed for precise and reliable hydraulic system control.
- Its compact Monoblock construction ensures durability and easy installation while minimizing system complexity. Available With Spring Centered & Detent.



Applications

-  Agricultural Machinery
-  Construction Equipment
-  Material handling systems
-  Industrial Hydraulic Machinery

Technical Features

Nominal Flow Rating	45 L/min
Max. Pressure bar	315 bar (4600 PSI)
Available in	1 to 7 Levers with Spring Centered & Detent Type
Control Options	Available with joystick operation for enhanced precision



PH80 Sectional Control Valves

Description:

- The PH80 sectional hydraulic mobile control valve is a versatile and robust solution for managing hydraulic functions in high-demand systems. this sectional valve is highly configurable,
- Its sectional design allows flexibility to customize the valve to meet specific system requirements.



Applications



Cranes & Heavy
Lifting Equipment



Earth-Moving
Machinery



Forestry and
Logging Machines



Material Handling
Vehicles

Technical Features

Nominal Flow Rating

80 L/min

Max. Pressure bar

315 bar (4600 PSI)

Number of Sections

Up to 12 with Spring
Centered & Detent Type.

Control Options

Available with joystick
operation for enhanced precision



4DL10 Directional Control Valves

Description:

- The 4DL10 Direction Control Valve is a robust and versatile solution for controlling hydraulic fluid flow in industrial applications. Its completely encapsulated mechanism offers superior protection against dirt, ensuring reliable operation even in harsh environments. Featuring a five-chamber design, it effectively reduces dynamic forces, extending the valve's operational life.



Applications



Industrial machinery



Hydraulic presses



Machine tools

Technical Features

Nominal Flow Rating	Optimized for efficient hydraulic performance
Maximum Pressure	315 bar (4600 PSI)
Mounting Styles	Available in subplate and threaded body options
Design Variants	Spring-centered and Detent types
Rotatable Operating Head	90° x 4 rotation for enhanced installation flexibility



DPRH Pressure Relief Valves

Description:

- The DPRH Pressure Relief Valves are precision-engineered to safeguard hydraulic systems against excessive pressure. These valves ensure reliable and safe operation across varying pressure conditions and are available in multiple sizes and configurations (06, 10, 20).



Applications



Hydraulic system protection in industrial applications



Mobile equipment



Agricultural and construction machinery

Technical Features

Direct Acting Valve

Enhances responsiveness and reliability

Flexible Mounting Styles

Threaded Cartridge, Threaded Port Body, Subplate Type

Wide Pressure Range

Adjustable pressure ranges up to 50, 100, 200, and 315



C06 To C30 In-Line Check Valves (NRV)

Description:

- The C06 to C30 In-Line Check Valve (NRV) is a reliable solution for preventing reverse flow in hydraulic and fluid handling systems. These check valve models allow free flow from Port A to Port B while ensuring leak-free closure in the opposite direction, safeguarding system integrity. These valves are designed for ease of installation and maintenance.



Applications



Fluid handling systems



Hydraulic power units



Oil and gas industry equipment

Technical Features

Working pressure	315 bar for Ports A and B.
Sizes Available	From 1/4" BSP to 1-1/2" BSP
Mounting Options	Threaded port or subplate mounting
Cracking pressure	0, 0.5, 1.5, 3 and 5 bar
Construction	Seat type valve



P2C Double Pilot Check Valves

Description:

- The Pilot Operated Double Line Check Valve provides advanced control and safety in hydraulic systems. It is built to maintain pressure while allowing pilot operation, making it an excellent choice for complex hydraulic circuits.
- The check valves allow the free flow in only one direction. The opposite flow direction is managed by a crossed pilot signal.



Technical Features

Nominal flow	Up to 80
Max. pressure	350 bar (5100 PSI)
Available in	G1/4 - G3/8 - G1/2

Applications



Hydraulic systems
requiring pilot control



Industrial and mobile
hydraulic equipment



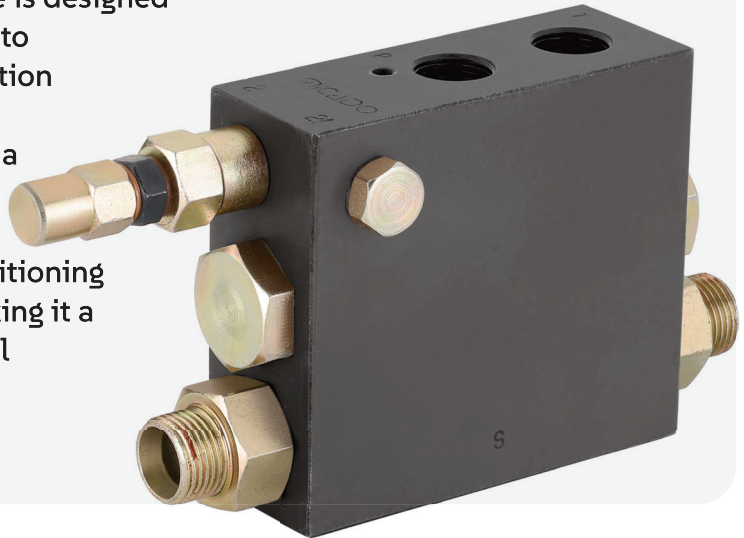
Aerospace and defense
hydraulics



Plough Overturning Valve

Description:

- The Plough Overturning Valve is designed for use in hydraulic cylinders to automatically reverse the motion of the hydraulic system that rotates the plough. Featuring a double pilot-operated check valve, it enhances security by allowing precise cylinder positioning and locking at any point. making it a reliable choice for agricultural applications.



Technical Features

Double Pilot-Operated Check Valve	Provides enhanced security and allows precise cylinder positioning and locking
Pressure Setting	Operates with a change pressure of approximately 120 bar
Thread Size	BSP threads for easy integration
Sealing	Nitrile O-ring (NBR) for secure sealing
Working Temperature	Ranges from -30 °C to +110 °C
Heat Treatment	Applied to internal parts for increased durability

Applications



Agricultural
ploughing systems



Soil preparation
machinery



Tillage
equipment





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