

Hydraulic Flow Diverter Valve

This hydraulic flow diverter valve can divert flow in three hydraulic pump systems. It is manufactured with multiple circuits for improved flow control and is easy to install.



Product Overview

High-Performance Flow Control

This hydraulic flow diverter valve is engineered for professional heavy-duty applications, providing precise fluid distribution across complex multi-circuit systems. Designed for easy installation, it supports three-pump configurations to ensure superior flow regulation. Its robust architecture makes it an ideal component for demanding machinery such as wheel loaders and material handling equipment.

Performance Metrics

Aplicaciones

- Pala cargadora
- Excavadora/Cargadora
- Equipo para manejo de material

Parámetros

Presión nominal (MPa)	25
Caudal nominal (L/min)	160
Presión de control deferente (MPa)	0.9
Aceite hidráulico	Aceite mineral (HL, HLP) conforme con DIN 51 524
Rango de temperatura de caudal (°C)	- 20 - 100
Rango de viscosidad (mm ² /s)	10 - 380
Limpieza del fluido	No bajo que GB/T 14039-93 nivel 19/16 o NAS 1638 nivel 10
Peso (kg)	21

Technical performance overview for the hydraulic flow diverter valve series.

Key Operational Specifications

25 MPa

Nominal Pressure

160 L/min

Nominal Flow Rate

0.9 MPa

Differential Control Pressure

21 kg

Unit Weight

Technical Requirements

Fluid and Environmental Specs

Parameter	Specification
Hydraulic Oil	Mineral oil (HL, HLP) DIN 51 524
Temperature Range	-20 to 100 °C
Viscosity Range	10 to 380 mm ² /s
Fluid Cleanliness	GB/T 14039-93 19/16 or NAS 1638 level 10

Applications

Compatible Equipment

Wheel Loaders, Excavator/Loaders, Material Handling Equipment

General Features

Design Advantages

- Multiple circuit design for enhanced control
- Simplified installation process
- Three-pump system flow diversion support