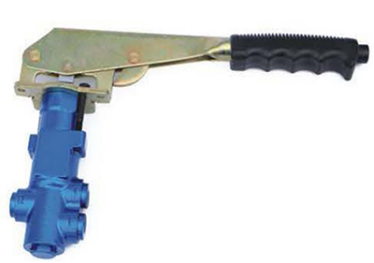
Manual Brake Valve

This manual brake valve is designed for use in construction machinery, specifically excavators. The valve controls the application and release of the parking brake system.



Overview

Manual Brake Valve PDF17-00

The PDF17-00 is a robust manual brake valve designed specifically for heavy-duty construction machinery, including excavators. Featuring a reliable lever-operated mechanism, it provides precise control over the application and release of the parking brake system. Its durable construction and corrosion-resistant blue finish ensure consistent performance in demanding operational environments.

Technical Specifications

Технические характеристики

Давление впуска масла	20мПа
Тормозное давление	10 мПа
Давление слива	≤0.5мПа
Пределы вязкости	10-380 мм²/с
Предел температуры масла	-20℃--100℃
Чистота масла	Не ниже GB/T 14039-2002 класса 19/16 или NAS 1638 класса 10
Масса	1.9кг

Performance parameters and operating conditions for the PDF17-00 valve.

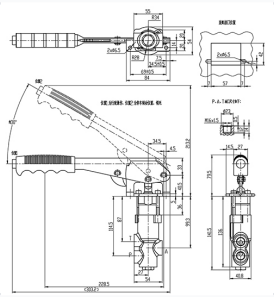
Key Performance Metrics

20 MPa	10 MPa	0.5 MPa	1.9 kg
Oil Inlet Pressure	Brake Pressure	Drain Pressure (Max)	Mass

Operating Conditions

Parameter	Specification
Viscosity Range	10-380 mm²/s
Oil Temperature Range	-20°C to 100°C
Oil Cleanliness Requirement	GB/T 14039-2002 class 19/16 or NAS 1638 class 10

Dimensions and Mounting



Detailed dimensional drawing including mounting interfaces and connection points.

Dimensional Specifications

- Overall length: 228.5 mm (303.2 mm with handle)
- Height: 114.5 mm
- Base width: 54 mm
- Threaded connection: M16x1.5