

# 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 мм <sup>2</sup> /с
Предел температуры масла	-20°C--100°C
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.

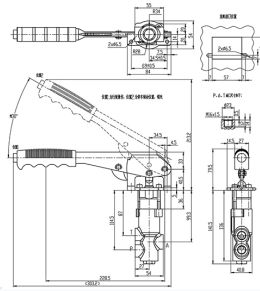
### Key Performance Metrics

<b>20 MPa</b> Oil Inlet Pressure	<b>10 MPa</b> Brake Pressure	<b>0.5 MPa</b> Drain Pressure (Max)	<b>1.9 kg</b> Mass
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### Operating Conditions

Parameter	Specification
Viscosity Range	10-380 mm <sup>2</sup> /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