

# PDI - Brake Metering Valves

## Product Overview

PneuDraulics, Inc. (PDI) is a recognized leader in the aerospace **brake metering field**, with many **brake metering, emergency and parking brake valve** applications currently in use on various regional and business jet platforms. Our innovative approach to these designs minimizes hysteresis and are available with low leakage for **parking brake applications**. PDI performs automated and computerized acceptance testing on all brake metering applications to deliver high quality and consistency for each custom part.

## Product Examples



**Emergency / Parking  
Brake Valve**



**Dual Emergency /  
Parking Brake Valve**



**Dual Brake  
Control Valve**



**Brake Control  
Valve**

## Features

### ✓ System Roles

Primary and Emergency options

### ✓ Brake Configurations

Single or Dual variants

### ✓ Integrated Devices

Optional position indicators, thermal relief, etc.

### ✓ De-Spin Capabilities

Wheel de-spin functionality

### ✓ Precision Leak Control

Exceptionally low leak rates

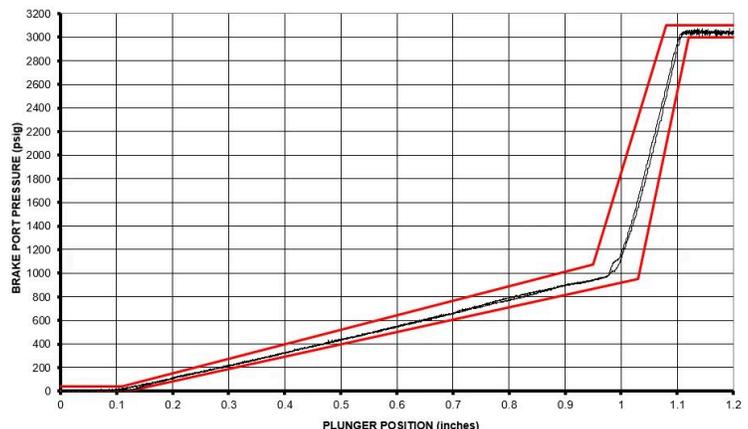
### ✓ Split-Manifold Designs

Enables rip-stop protection/failure isolation

## Configuration Examples

Aircraft Class	Fluid	Park Mode Leakage
Regional	MIL-H-5606	4.0 cc/hr
Transcontinental	MIL-H-5606	6.0 cc/hr
Intercontinental	Phosphate Ester	4.0 cc/hr
Intercontinental	Phosphate Ester	4.0 cc/hr

## Position vs Brake Pressure



## Contact Us

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