

# Barksdale

## CONTROL PRODUCTS

**CRANE** Barksdale, Inc./Barksdale GmbH  
A Subsidiary of Crane Co.



## Barksdale Height Control Valves

Barksdale levels the playing field when it comes to air suspension products. Responding to a need for increased reliability and performance of air ride suspensions in the transportation industry, Barksdale developed an air suspension valve featuring our

own Shear-Seal® technology - designed to provide optimum performance in maintaining consistent vehicle ride height, repeatability and air consumption control while performing billions of cycles in harsh environments. Whether you're designing a new system or looking for a direct replacement, Barksdale has the answer.

Barksdale Website (<https://www.barksdale.com/en/markets/transportation/>)

## Product Highlights

### Shear-Seal® Technology

The Shear-Seal® technology is based on the sliding of two precisely machined metal sealing surfaces across each other, creating a zero-leak seal. Media passes through the center of the seals, rather than across the seal surface, preventing contamination from entering the seal areas. As the valve shifts, the wiping action of the polished metal seals pushes away debris.

Bringing zero-leakage, long life Shear-Seal® technology to commercial vehicle ride control applications changed the industry and made Barksdale Controls the leader in suspension control technology.

### Standard Valve

Shear-Seal® Technology for Zero Leak Lapped rotor and long-wear pressure seals

Tapered flow curve for lower air consumption

Precise dead band for accurate suspension height

Multiple flow rates available

Compact design for difficult installations

### Cab Suspension Valve

Shear-Seal® Technology for Zero Leak

Lapped rotor and long-wear pressure seals

Standard push to connect tube fittings

Tapered flow curve for lower air consumption

Precise dead band for accurate suspension height

Multiple flow rates available

### Suspension Valve with Integral Dump

Shear-Seal® Technology for Zero Leak

Lapped rotor and long-wear pressure seals

Dump valve integrated into suspension valve

- Eliminates extra dump control valves

- High flow fast dump of air bags

- Simplifies air plumbing and saves installation time

Tapered flow curve for lower air consumption

Precise dead band for accurate suspension height

Multiple flow rates available

### Fixed Link · Adjustable Link · Multi-Hole Link

To ensure accurate response between the height control valve and the truck's suspension, Barksdale provides custom linkages. The various available link lengths allow the Barksdale Height Control Valve to be utilized in numerous configurations and to be a direct replacement for many height control valve manufacturers.

## Top Movers - Barksdale Leveling Valves

Material Number	Material Description
BKS KD2205	VALVE-AIR BAG LEVELING,SUSPENSION
BKS KD2204	VALVE-HEIGHT CONTROL W/O DUMP
BKS 32005 3	LINKAGE-SUSPENSION,40KAIRLINER,345
BKS KD2261	VALVE
BKS KD2510	LEVELING VALVE - CAB MOUNT,P3
BKS KD2290	VALVE
18-51378-000	LINK-CAB SUSP,AIR VALVE, 135 MM
BKS KD2262	VALVE, AIR SUSPENSION
16-14494-003	LINKAGE-KIT,5/16,390H,46K AIRLINER
TBB 203120	SWITCH ELEC PNEU PRESSURE NORMCLSD
16-14494-004	LINKAGE ASSY KIT, 7.81
18-48293-003	LINK-LEVELING VALVE, 84 MM

## General Product Information

### Direct Replacement Valve Kits

Shear-Seal® Technology available in bolt on all makes service kits for:

Haldex/Neway  
 Hadley  
 Wabco  
 Knorr Bremse

## Warranty Information

**BARNSDALE HEIGHT CONTROL VALVES ARE BACKED BY A ONE-YEAR UNLIMITED MILEAGE WARRANTY.**

Direct all warranty and repair requests/inquiries to Barksdale, Inc. Customer Service Department.

**Call 323-589-6181, FAX: 323-589-3463**

BEFORE RETURNING ANY PRODUCT(S) TO BARKSDALE, YOU MUST OBTAIN A RETURNED MERCHANDISE AUTHORIZATION FROM OUR CUSTOMER SERVICE DEPARTMENT (IN ORDER TO AVOID PROCESSING DELAYS).

FOR WARRANTY RETURNS, please have the following information available BEFORE contacting Barksdale:

1. P.O. number under which the product was PURCHASED.
2. Model number of the product under warranty.
3. Repair instructions and/or specific problems you are having with the product.
4. Application information.

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