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 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 Air Suspension Valves

Part Number	Part Description
BKS KD2205	VALVE-AIR BAG LEVELING,SUSPENS
BKS KD2204	VALVE-HEIGHT CONTROL W/O DUMP
BKS KD2261	VALVE
BKS KD2510	LEVELING VALVE - CAB MOUNT,P3
BKS 32005 3	LINKAGE-SUSPENSION,40KAIRLINER
BKS KD2262	VALVE, AIR SUSPENSION
BKS KD2290	VALVE
BKS KD2168	KIT FOR CAB VALVE
BKS KD2294	VALVE
BKS KD2291	VALVE

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

BARKSDALE 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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