

Barksdale

CONTROL PRODUCTS

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



Barksdale Height Control Valves



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



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.



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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