



ALLIANCE
TRUCK PARTS

HEIGHT CONTROL VALVES



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WARRANTY

Alliance Truck Parts are backed by a 1-year/unlimited kilometre standard warranty.

Illustrations and photographs used in this catalogue may vary slightly from the actual product. Prototype samples are sometimes used for photography. The production parts may vary slightly. Availability of products shown in this catalogue is subject to change without notice.



HEIGHT CONTROL VALVES

1

HEIGHT CONTROL VALVES



FEATURES & BENEFITS:

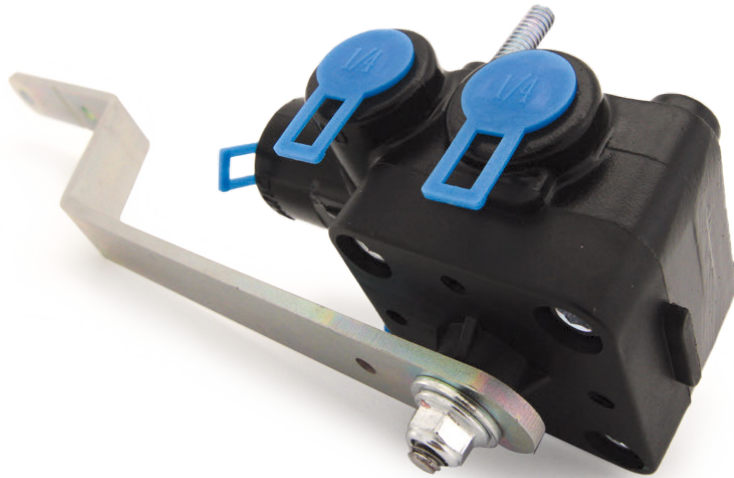
- Manufactured with a specialized thermoplastic valve body—except where noted as aluminium—keeping weight low and reducing wear from vibration
- Most applications available with ceramic seals to reduce air consumption, improve wear resistance and increase service life
- Extreme-temperature endurance testing overseen by independent third-party lab to ensure performance in extreme duty cycles
- Designed as direct replacements for most original equipment valves
- Packaged as a kit including gaskets, brackets and hardware
- Working temperature: -40° to 176° F (-40° to 80° C)
- Working pressure: 115 to 175 psi (0.8 to 1.2 Mpa)

SPECIFICATIONS

HEIGHT CONTROL VALVES SPECIFICATIONS

PART NUMBER	DESCRIPTION	ROD LENGTH	MOUNTING CENTER	INLET/OUTLET	MAX FLOW (NOMINAL; 1.1 MPA)
QABP N320050090 *	HEIGHT CONTROL VALVE	152 mm	38MM	4x NPT 1/4"	N/A
QABP N320080060 **	HEIGHT CONTROL VALVE	178.5 mm	36.5 mm 25.5mm	2x 7/16" 24UNS-2A	450 L/min
QABP N320090420	SUSPENSION HEIGHT CONTROL VALVE	157mm	38mm	3x 1/4" quick connector	450 L/min
QABP N320090440	VALVE, AIR SUSPENSION	70mm	38mm	3x 1/4" quick connector	450 L/min
QABP N320090470	LEVELING VALVE	178mm	38mm	5x NPT 1/4"	450 L/min
QABP N320090510 *	HCV KIT	189mm	38mm	4x NPT 1/4"	450 L/min
QABP N320180100 **	HEIGHT CONTROL VALVE	356 mm (adjustable)	40 mm, 50 mm	3x NPT 1/4"	450 L/min
QABP N320090470	LEVELING VALVE	178mm	38mm	5x NPT 1/4"	450 L/min

*Aluminium valve body **Conventional seals (non-ceramic)



FEATURES & BENEFITS:

- Manufactured with a specialized thermoplastic valve body—except where noted as aluminum—keeping weight low and reducing wear from vibration
- Most applications available with ceramic seals to reduce air consumption, improve wear resistance and increase service life
- Extreme-temperature endurance testing overseen by independent third-party lab to ensure performance in extreme duty cycles
- Designed as bolt-in replacements for most original equipment valves
- Includes valve only
- Working temperature: -40° to 176° F (-40° to 80° C)
- Working pressure: 115 to 175 psi (0.8 to 1.2 Mpa)

SPECIFICATIONS

REPLACEMENT VALVES SPECIFICATIONS					
PART NUMBER	DESCRIPTION	ROD LENGTH	MOUNTING CENTER	INLET/OUTLET	MAX FLOW (NOMINAL; 1.1 MPA)
QABP N320090410	VALVE-AIR BAG LEVELING	203 mm	38MM	5x NPT 1/4"	450 L/min

*Aluminium valve body **Conventional seals (non-ceramic)

FEATURES & BENEFITS:

- Manufactured with a specialized thermoplastic valve body for reduced weight
- Designed with ceramic seals to reduce air consumption, improve wear resistance and increase service life
- Extreme-temperature endurance testing overseen by independent third-party lab to ensure performance in extreme duty cycles
- Designed as direct replacements for most original equipment cabin height control valves
- Working temperature: -40° to 176° F (-40° to 80° C)
- Working pressure: 115 to 175 psi (0.8 to 1.2 Mpa)

SPECIFICATIONS

REPLACEMENT VALVES SPECIFICATIONS

PART NUMBER	DESCRIPTION	ROD LENGTH	MOUNTING CENTER	INLET/OUTLET	MAX FLOW (NOMINAL; 1.1 MPA)
QABP N320070760	CAB LEVELING VALVE	170 mm	46.4MM	5x NPT 1/4"	450 L/min

*Aluminium valve body **Conventional seals (non-ceramic)



HEIGHT CONTROL VALVES

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**CROSS-
REFERENCE**

HADLEY

COMPETITOR P/N	ALLIANCE P/N
HAD500RS	ABP N32 009 060 0
H00450CE	ABP N32 008 006 0
H00500RS	ABP N32 009 058 0

HALDEX MIDLAND

COMPETITOR. P/N	ALLIANCE P/N
90054007	ABP N32 005 009 0
HDX 48100225	ABP N32 005 009 9
KN27000	ABP N32 018 010 0
PR 90554950	ABP N32 009 062 0

HENDRICKSON

COMPETITOR. P/N	ALLIANCE P/N
57977 000	ABP N32 009 049 0
59013 000	ABP N32 009 050 0
59899 000	ABP N32 009 048 0
59935 002	ABP N32 009 053 0
59935 013	ABP N32 009 052 0
60501 000	ABP N32 009 047 0
60826 000	ABP N32 009 051 0
64089 000L	ABP N32 009 063 0
VS 227	ABP N32 009 045 0
VS 27116	ABP N32 007 075 0
VS 228	ABP N32 009 046 0

MERITOR

COMPETITOR. P/N	ALLIANCE P/N
TDA S464 007 004 0	ABP N32 007 076 0

WABCO

COMPETITOR. P/N	ALLIANCE P/N
464 002 443 0	ABP N32 018 010 0
464 007 004 0	ABP N32 007 076 0
464 007 004 0	ABP N32 009 057 0
464 008 115 0	ABP N32 009 059 0



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