FORGED ALUMINUM GROOVED CLAMP



** Referential image*
*** Some features may vary without prior notice. Sale subject to inventory availability*

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SKU
: 11403

BRAND
: DIXON VALVE

MODEL
: DBV-WB400

Applications:
Grooved clamps are often used on pipe connections on dry bulk tankers in place of welding offering the ability to adjust, change or replace pipe sections without the need for a permanent joint such as a weld.

Use:
Designed to join two pieces of pipe together.
White Buna-N seal is for use in dry bulk food applications
Use of lock nuts prevents clamps from loosening in high vibration applications

Specifications:
Manufactured to fit new and existing grooved pipe connections.

Features:
Precision forged to provide an exact fit and great appearance
Unlike steel groove clamps that secure pipe ends with high clamping force against tubing/piping walls, the Dixon aluminum clamp takes the full bolt force and locks into the groove of the tube/pipe, preventing distortion of the tube/pipe diameter.
Precision casting and machined dimensions provide an exact fit and great appearance
Easy to preform maintenance
Leak-tight connection

Construction:
Aluminum body
Steel bolts/nuts
White Buna-N seals

How it works:
The two pipes are butted to one another each pipe has a groove that runs the

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circumference of the pipe exterior. The grooved clamp has ridges that lock into the two pipe grooves and a gasket is compressed to the pipes to create a leak-tight seal.

Note:
Supplied clamp gasket must be installed prior to use. Ships separately. Replacement gaskets are available.

Safety notes:
Torque the bolts until metal to metal contact occurs at the bolt pads (about 20 ft-lbs). Bolts must be tightened evenly to prevent gasket pinching and clamp breaking. DO NOT tighten one side then the other. Over-torquing will not improve sealing and may result in failure of the clamps. DO NOT torque bolts over 30 ft-lbs.
Intended for tank truck applications only
WARNING: Cancer and Reproductive Harm- www.P65Warnings.ca.gov

TECHNICAL SPECIFICATIONS

Factory Part Number	DBV-WB400
Mandatory Pkg/Box Qty	1
Material	Aluminum
Pressure Rating	120 PSI
Seal	White Buna-N
Size	4"
Torque	20 ft. lbs.
Weight Lb	1.3880

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