FORGED ALUMINUM GROOVED CLAMP



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

DATE
: 11/23/2026 09:13 PM

SKU
: 11402

BRAND
: DIXON VALVE

MODEL
: DBV-VB400

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.

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 clamp force against the tubing walls, the Dixon bolted clamp takes the full bolt force and locks in the groove of the tube preventing distortion of the tube diameter.
Precision casting and machined dimensions provide an exact fit and great appearance
Use of lock nuts prevents clamps from loosening in high vibration applications

Construction:
Aluminum body
Steel bolts/nuts
FKM-B seals

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

2645 Executive Park Drive, Weston, Fort Lauderdale, FL 33331, EEUU
sales@kmxusa.us
www.kmxusa.us

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-VB400
Fuel Compatability	FKM-B seal is rated for 100% biodiesel and Ethanol
Mandatory Pkg/Box Qty	1
Material	Aluminum
Pressure Rating	120 PSI
Seal	FKM-B
Size	4"
Temperature Rating	20°F to 300°F (-6.7°C to 149°C)
Torque	20 ft. lbs.
Weight Lb	2.1600

KMX
2645 Executive Park Drive, Weston, Fort Lauderdale, FL 33331, EEUU
sales@kmxusa.us
www.kmxusa.us