



Ideal Clamp Products, Inc.
 IDEAL-TRIDON brand
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V-Band Application DataSheet

Project Name _____

Application _____

Section 1: Customer Data

Name _____
 Address _____
 Address _____
 City _____ State _____
 Zip _____ Country _____

Section 2: Technical Contact

Name _____
 Title _____
 Telephone _____
 Email _____
 Website _____

Section 3: Part Information

Part Number _____ Target Cost _____ Current Supplier _____
 Prototype Qty _____ Prototype Date _____ Supplier Part Number _____
 Annual Usage _____ Production Date _____

Section 4a: Environment

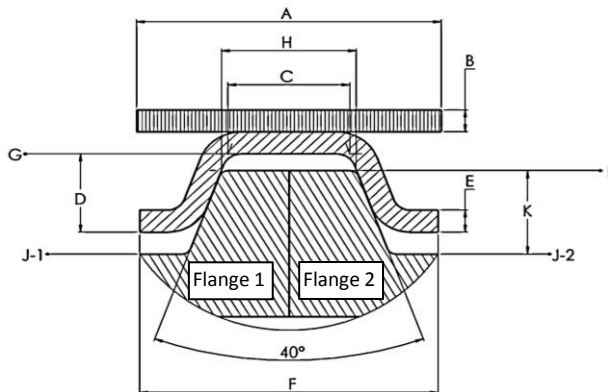
Conducting Fluid/Gas: _____
 Media Temp Range: _____
 External Temp Range: _____
 External Atmosphere: _____

Section 4b: Loading

Working Pressure: _____
 Axial Load: _____
 Bending Moment: _____
 Vibration: _____

Nominal (unit)	Max.

Section 5a: Typical V-Band Clamp and Joint



Section 5b: Joint Geometry

Terminology	Dimension ± (unit)
A Band Width	_____
B Band Thickness	_____
C V-Apex	_____
D V-Depth	_____
E V-Thickness	_____
F V-Width	_____
G V Diameter	_____
H Flange Apex	_____
I Flange Diameter	_____
J-1 Pipe Diameter	_____
J-2 Pipe Diameter	_____
K Flange Depth	_____

Section 5c: Flange Construction

Flange 1: Machined Casted Formed Other
Flange 2: Machined Casted Formed Other
Comments: _____

Section 5d: Gasket Information

None Gasket Oring _____
 Material: _____ Free Height _____ Comp. Height _____
 Rqd. Comp. Load _____

Section 6: V-Insert

Lubricant Y N
 Material: _____ Hardness: _____

Section 7: Band

Material: _____ Hardness: _____

Section 8: T-bolt

Material: _____ Th'd Config: _____

Section 9: Nut:

Material: _____ Th'd Config _____

Section 10: Latch

Material: _____ Width: _____ Thickness: _____

Section 11: Installation Information

Procedure: No Tool Hand Tool Power Tool (___ rpm) Automated
 Installation Torque: _____ Disassembly: Never Rarely Frequent
 Special Installation Requirements: _____

PCR Number: _____

Date: _____