

HVB/HVL

Solenoid valve for high vacuum

■ For vacuum, inert gas, air, nitrogen

Overview

Advanced technology, such as stability in the leak amount (vacuum holding force) and increased seal life, is required when the degree of vacuum increases.

The HVB Series introduces special technology throughout for the valve seat shape, seal material and surface processing, etc. A stable performance is realized even at a high vacuum. Use this for various vacuum devices, including electronic beams, molecular accelerators and vacuum deposition.

The HVL Series is the conventional high vacuum solenoid valve to which a device is added to provide a several-second delay when opening the valve. This prevents various troubles in vacuum devices during power failures.

Use this to prevent release to atmospheric pressure at a power failure, or to prevent oil from entering the piping if the manual valve is not properly opened after the power stops.

Features

Special packing seal adopted
FKM with outstanding seal life.

High corrosion proof
Stainless steel is adopted for body.

High vacuum holding force
The low leakage provides a stable vacuum holding force.

**Back pressure usable
(reverse vacuum)**

* Excluding some models

Easy maintenance
Simple structure facilitates maintenance.



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▲ Always read the precautions in the Introduction and page 414 before starting use.

HN/B/G
USB/G
FAB/G
FGB/G
FVB
FWB/G
FHB
FLB
AB
AG
AP/
AD
APK/
ADK
For
dry air
Explosion
proof
HVB/
HVL
SAB/
SVB
NP/NAP/
NVP
CHB/G
MXB/G
Other G.P.
systems
PD/FAD/
PJ
CVE/
CVSE
CPE/
CPD
Medical
analysis
Custom
order

Solenoid valve for high vacuum