

MXB/MXG

Motor driven 2, 3 port ball valve

■ For water, hot water, air, oil, corrosive fluids, steam

Overview

Water hammering is eliminated with CKD original ball opening/closing structure.

This valve is suitable for water and hot water controls, and oil and steam applications. Even with its small size, the flow rate is large and the pressure loss is small.

The outstanding sealing properties and durability enable use in a variety of applications.

Features

High quality seal

A back-up O ring ensures a high quality seal.

No burn damage in motor-locked state

Impedance and thermal protections ensure that the motor does not burn even if the ball locks.

* Always observe the cycle rate.

Forward/reverse rotation operation

(except for the MH_G4 Series)

No limits to pressurization direction

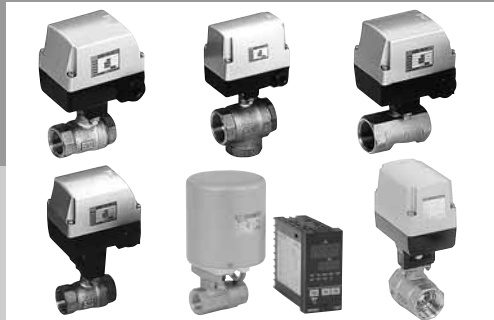
(except for 3-way valves)

Signal detection and manual override are provided.

Class IPX3 "rainproof" actuator protection

(For standard and options T and K only.
Note that the MH_B4 and MHBP Series are excluded.)

Motor driven proportional control ball valves are also available.



CONTENTS

Series variation	552
⚠ Safety precautions	554
Wiring diagram	557
Standard type	
● 2 port valve	MXB1/MXB1F 558
● 3 port valve	MXG1 562
High corrosion resistance	
● 2 port valve	MXB1-C 566
Oil-free specifications	
● 2 port valve	MXB1-N/MXB1D-N 582
● 3 port valve	MXG1-N/MXG1D-N 586
For steam	
● 2 port valve	MSB1/MSB1F 590
With relay	
● 2 port valve	MXB1D/MXB1DF 570
● 3 port valve	MXG1D 574
High corrosion resistance / with relay	
● 2 port valve	MXB1D-C 578
For steam / with relay	
● 2 port valve	MSB1D/MSB1DF 594
Proportional control	
● 2 port valve	MXBC 598
● 3 port valve	MXGC 598
● Motor valve type temperature control system	MHBP 608
Miniature type	
● 2 port valve	MHB4 602
● 3 port valve	MHG4 602
Electronic Catalog file list	612

⚠ Always read the precautions in the Introduction and page 554 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

Motor driven 2, 3 port ball valve