



KNIFE GATE VALVES

MH SERIES



MH SERIES

The MH series is designed for extremely high pressures in particularly demanding applications. The original Wey design ensures optimal sealing in the seat and is 100% bubble-tight, regardless of pressure, medium, or on/off cycle.



CHARACTERISTICS MH SERIES

100 – 400 mm

Nominal sizes

Stainless steel, Ductile iron, Special material

Material

0 – 25 bar

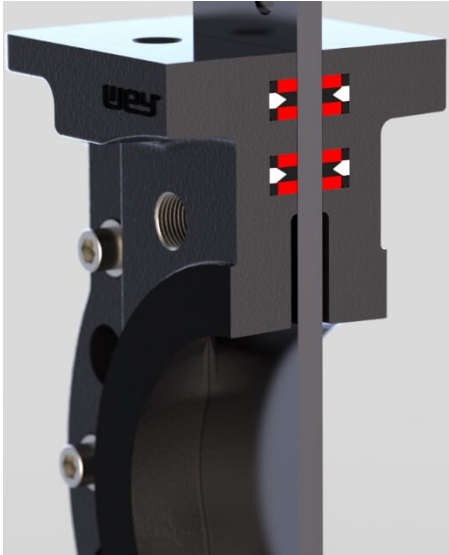
Pressure rating

PN25, ANSI Class 150, ANSI Class 300

Flange drilling

EN 558 series 16

Face to face dimension



Heavy-duty double transverse seal with two scrapers guarantees zero leakage to the atmosphere even under difficult conditions.



A mechanically retained round cord seal creates a bubble-tight shut off on the gate edge.



Robust 4-post topwork for maximum load and a wide variety of actuator types.



Most known pipe-cleaning methods (e.g., pigs, brush cylinders, etc.) can be used with the body bore, resulting in minimal pressure drops.



With its optimized gate geometry, accumulated media is pushed out of the gate guide and flushed out into the bore by the increased flow.



The gate is mechanically guided over the full stroke.

APPLICATION AREAS

Mining

e.g. Mining slurry, Sinter water, Tailings, , Acids and phosphates ...

Chemical and petrochemical industries

e.g. Viscous pastes, Bitumen/tar ...

Infrastructure

e.g. Waste water ...

Coal fired power stations

e.g. Coal slurry ...

Pulp and paper industry

e.g. Pulp Stock (Low to high density), Liquor (black, white, green), Chemical solutions, bleaching agents ...

Waste water treatment plants

e.g. Raw water, Sludge, Digested sludge ...

MATERIAL OF CONSTRUCTION

Part	Cast iron	Stainless steel
Body	EN-GJS-400-15	1.4408
Gate	1.4301	1.4404*
Seal	NBR	NBR
Topwork	Carbon steel	Carbon steel
Stem / Piston rod	1.4104	1.4104

Other materials upon request
*hard chromed

CORROSION PROTECTION

Body	2 Comp. Epoxy-Polyamide Resin Primer, 2 Comp. Polyurethane-Enamel-Top Coat
Topwork	2 Comp. Epoxy-Polyamide Resin Primer, 2 Comp. Polyurethane-Enamel-Top Coat

ACTUATORS



Handwheel



Bevel gear



Pneumatic cylinder



Hydraulic cylinder



Electric actuator

DOWNLOADS

General documents

Product brochure knife gate valves	PDF	
Instruction Manual	PDF	
Maintenance manual	PDF	
Actuators and Accessories	PDF	
Material options	PDF	
Seal arrangement	PDF	
Lubricants	PDF	
Declaration of conformity PED	PDF	
Declaration of conformity Machinery Directive	PDF	
Declaration of incorporation Machinery Directive	PDF	

Data sheets

MH with bevel gear	2.6.10 PDF	
MH with pneumatic cylinder	2.6.30 PDF	
MH with electric actuator	2.6.40 PDF	
MH with hydraulic cylinder	2.6.50 PDF	

CAD files

MH with bevel gear 2D (DXF/DWG)	ZIP	
MH with bevel gear 3D (STEP)	ZIP	
MH with pneumatic cylinder 2D (DXF/DWG)	ZIP	
MH with pneumatic cylinder 3D (STEP)	ZIP	
MH with electric actuator 2D (DXF/DWG)	ZIP	
MH with electric actuator 3D (STEP)	ZIP	
MH with hydraulic cylinder 2D (DXF/DWG)	ZIP	
MH with hydraulic cylinder 3D (STEP)	ZIP	

**CONTACT US FOR YOUR
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