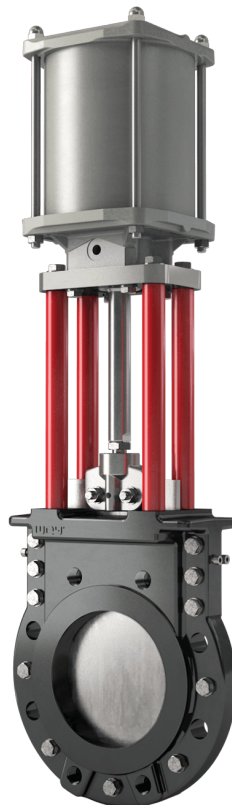




MG SERIES

Knife gate valves with an EN 558/ISO 5752 20 series face to face often quickly reach their pressure limit values of 10 bar – but not our MG series. For the same face to face, it is generally designed for pressures of up to 16 bar. Of course, we retained the many design features that have always set the Wey knife gate valve apart from the competition.



CHARACTERISTICS MG SERIES

50 – 600 mm

Nominal sizes

**Stainless steel, Ductile iron,
Special material**

Material

0 – 16 bar

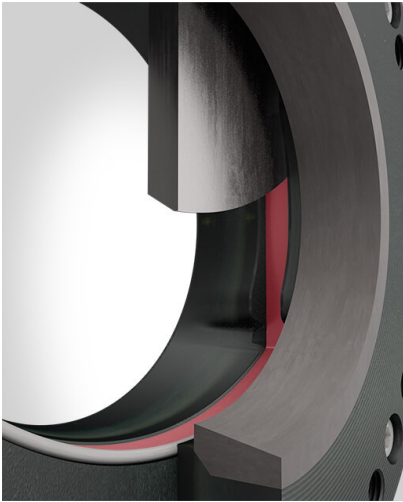
Pressure rating

**PN10, PN16, ANSI Class 150, BS10-
D, BS10-E, AS2129-D, AS2129-E**

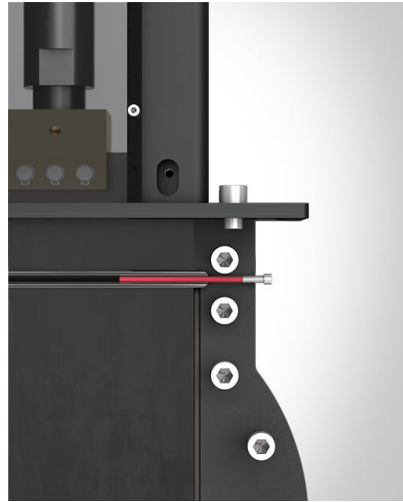
Flange drilling

EN 558 series 20

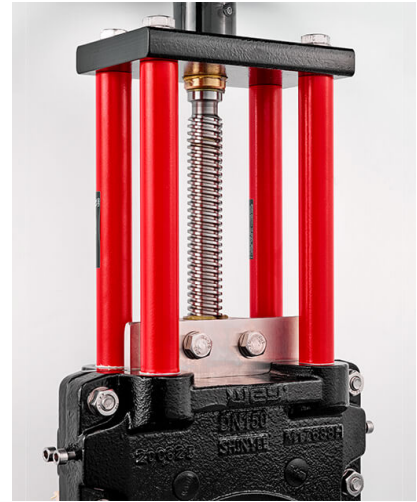
Face to face dimension



The gate is mechanically guided over the full stroke.



The transverse seal can be repacked at any time and under full pressure using the lateral packing screws.



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



Optimized chest design to minimize the build-up of solids due to gate geometry.

APPLICATION AREAS

Biogas plants

e.g. Food waste, Household waste, Wood chips, Manure, Substrates, Other renewable resources ...

Mining

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

Chemical and petrochemical industries

e.g. Viscous pastes, Chemically contaminated waste water, Bitumen/tar ...

Infrastructure

e.g. Waste water ...

Coal fired power stations

e.g. Coal slurry ...

Food and beverage

e.g. Cereal, vegetable, mash, etc., Cocoa beans ...

Pulp and paper industry

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

Waste water treatment plants

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

Water treatment

e.g. Seawater, Saltwater ...



Wey MGC DN 300 in an organic resources recovery centre in Hongkong.

MATERIAL OF CONSTRUCTION

Part	Ductile iron	Stainless steel
Body	EN-GJS-400-15	1.4408
Gate	1.4301, 1.4462	1.4404*, 1.4462*
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

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SOLUTION.**



Contact



+41 41 449 99 44



rfq@weyvalve.ch