



DVGW type examination certificate

DVGW-Baumusterprüfzertifikat

DG-4314DQ0632

Registration Number
Registriernummer

Field of Application <i>Anwendungsbereich</i>	products of gas supply <i>Produkte der Gasversorgung</i>
Owner of Certificate <i>Zertifikatinhaber</i>	GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG Gert-Müller-Platz 1, D-74635 Kupferzell
Distributor <i>Vertreiber</i>	GEMÜ Gebr. Müller Apparatebau GmbH & Co. KG Gert-Müller-Platz 1, D-74635 Kupferzell
Product Category <i>Produktart</i>	Gas fittings: Shut-off valve for gas transmission >PN 16 (4314)
Product description <i>Produktbezeichnung</i>	Butterfly valve in wafer design with double eccentrically mounted closing body for gas distribution
Model <i>Modell</i>	R470; R471; R477; R478; GEMÜ® Tugela
Test reports <i>Prüfberichte</i>	Type testing: 23-00405-AB01-130 from 16.07.2025 (EBI)
Test basis <i>Prüfgrundlagen</i>	DIN EN 13774 (01.05.2013)- as far as applicable DIN EN 14141 (01.08.2013)- as far as applicable DVGW CERT ZP 4110 (26.02.2024)- under consideration
Date of Expiry / File No. <i>Ablaufdatum / Aktenzeichen</i>	16.07.2030 / 25-0516-GNE

70028-04-A-DE

13.10.2025 Bd A-1/2

Date, Issued by, Sheet, Head of Certification Body
Datum, Bearbeiter, Blatt, Leiter der Zertifizierungsstelle

P. Schmidt



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Akkreditierungsstelle
D-ZE-16028-01-00

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Gas Category <i>Gasart</i>	Remarks <i>Bemerkungen</i>
Fuel gases according to G 260	

Type <i>Typ</i>	Technical Data <i>Technische Daten</i>	Remarks <i>Bemerkungen</i>
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 50 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 65 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 80 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 100 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 125 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 150 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 200 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 250 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 300 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 350 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 400 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 450 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 500 Max. operating pressure: 40 bar	
R470; R471; R477; R478;GEMÜ® Tugela	Nominal diameter: DN 600 Max. operating pressure: 40 bar	

Hints of Utilization / Remarks

Verwendungshinweise / Bemerkungen

Max. ambient temperature range: -20...+60 °C

Permissible operating pressure: 40 bar (MOP 40)

Gas connections: Ends for clamp-on design for installation between flanges according to DIN EN 1092.

Housing materials: cast stainless steel.

Occlusion body material: cast stainless steel.

The Butterfly valve are suitable for adding 100 vol.% hydrogen in accordance with DVGW CERT ZP 4110.

