APPLICATION AREA

- Gas firing systems on steam boilers
  acc. to DIN EN12952/12953
- Industrial thermoprocessing equipment
  acc. to DIN EN 746
- Pipe systems for gaseous fuels
  for all industrial sectors

ADVANTAGE

- Closing time < 1 sec
- High safety level through zero leakage
- Heavy duty design for high operating cycles
- High performance valve design for long service life
- Package unit with integrated intermediate venting
Double Block and Bleed Unit for Gaseous Media
Electro-Pneumatic Operated

DN 65-300 PN 40

APPLICATION
> Automatic operated emergency shutdown device
> In pipelines in front of burner acc. to DIN EN 12952/12953
> Safety and control device for gas burner
> Automatic shut-off valves in piping systems

TECHNICAL DATA
> Single-seated straight-through globe valves acc. to DIN/EN standard
> Stem sealing acc. to TA-Luft, automatic sealing set with additional lip seal and connection for tightness test
> Exchangeable plug gasket
> Maintenance-free guide bushing
> Control element pressure-balanced to allow higher pressure
> Piston actuator with integrated closing spring
> Integrated connection for intermediate venting

OPERATING DATA
Media:
> Gaseous fuels acc. to PED 2014/68/EU
> Fuels acc. to G260; gas group 1., 2. and 3
> Other gaseous media
Operating pressure: Max. 40 bar g
Operating temperature: -29 to 180 °C
Ambient temperature: -29 to 80 °C
Control medium: Compressed air at 4-8 bar g
Air quality: acc. to DIN ISO 8573-1
Control voltage: 230 V 50 Hz, 24 V DC
Power: 10.6 VA / 6.8 W
IP Protection Class: IP 65
Mounting position: no restriction
Mounting location: Indoor/Outdoor

OPTION
> Quick-closing valve with integrated control characteristic for soft opening
> Combination with electro-pneumatic positioner for selective flow control

CERTIFICATES
EC-Type examination (Modul B)
acc. to directive 2014/68/EU
based on:
DIN EN 13611 / DIN EN 161 / DIN EN 16678 / DIN EN 16304
Certificate:
> TA-Luft
DIN EN ISO 15848-1
VDI 2440
> SIL2 / EN 61508
> Fire-safe
DIN EN ISO 10497 / API 607

REMARKS
Acc. to DIN EN12952/12953 it is advised to install strainer in front of shut off valve. [Kühme SF / SFY]
Type KVH-KVH

Double Block and Bleed Unit for Gaseous Media
Electro-Pneumatic Operated

DN 65-300 PN 40

**TYPE A**
Intermediate Venting Left Hand / Right Hand arrangement

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**TYPE B**
Intermediate Venting Compact arrangement

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**DIMENSION**

<table>
<thead>
<tr>
<th>DN</th>
<th>L</th>
<th>H</th>
<th>H₁</th>
<th>H₂</th>
<th>H₃</th>
<th>H₄</th>
<th>Z</th>
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<th>Weight</th>
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<td>315</td>
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Flange dimensions acc. to EN 1092-1/B1

**MATERIALS***
- **Body:** GP240GH
- **Valve seat:** cladded with 1.4551
- **Plug gasket:** Elastomer
- **Stem:** 1.4021
- **Actuator:** Steel/Aluminium
- **Sealing Parts:** Elastomer

* Other materials and accessories are available on request.

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**ACCESSORIES***

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<tr>
<th>QTY</th>
<th>Accessories</th>
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<tr>
<td>2</td>
<td>Quick venting valve</td>
</tr>
<tr>
<td>2</td>
<td>3/2-way solenoid valve, directly actuated, pressure 0 to 8 bar</td>
</tr>
<tr>
<td>4</td>
<td>Limit switch as mechanical cam switch or proximity switch</td>
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<td>2</td>
<td>Protection cover, transparent, for limit switch and optical position indication</td>
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**PARAMETER***

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<th>Nominal diameter DN</th>
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<td>Max. Service pressure [PSI] in bar at max. 180 °C</td>
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<td>35</td>
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<tr>
<td>kₘₗ – value m³/h (max.)</td>
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<td>270</td>
<td>405</td>
<td>675</td>
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<td>1460</td>
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<td>Closing time</td>
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