

BUTTERFLY VALVES AND ACTUATORS

Butterfly valves BVG, BVA, BVH

Butterfly valves for control ratios up to 10:1, prepared for attachment of an actuator IC 20 or IC 40 and for fitting between two flanges.

Overview



Butterfly valves for control ratios up to 10:1, prepared for attachment of an actuator IC 20 or IC 40 and for fitting between two flanges.

Features & Benefits:

- BVA, BVAF for continuous control of an air flow rate
- BVG, BVGF for continuous control of a gas flow rate, BVH, BVHS for continuous or staged control of a hot air or flue gas flow rate
- BVG, BVGF, BVA, BVAF: pu max. 500 mbar, DN 40 to 150, medium temperature: -20 to +60°C
- BVH, BVHS: pu max. 150 mbar, DN 40 to 100, medium temperature: max. +450°C
- BVG, BVA can also be supplied with manual adjustment. BVGF, BVAF work clearance-free and the control command is executed without delay
- BVH, BVHS: in conjunction with the stop bar, the TWINDISC valve disc ensures very low leakage rates

More Information:

- [Technical Information for BV., IB..](#)
- [Find products in ProFi for BVA](#)
- [Find products in ProFi for BVG](#)
- [Find products in ProFi for BVH](#)
- [Find products in ProFi for BVHR](#)
- [Find products in ProFi for BVHS](#)
- [Calculate nominal diameter DN for BVG, BVGF, BVA, BVAF](#)
- [Calculate nominal diameter DN for BVH, BVHR, BVHS](#)

Specifications

DIMENSIONS & SIZE SPECIFICATIONS

Sizes

- DN 40 to DN 150 (BVG, BVA); DN 40 to DN 100 (BVH)

ENVIRONMENTAL CONDITIONS

Ambient Temperature Range

- 20 to +60 deg C (-4 to +140 deg F)

PRESSURE SPECIFICATIONS

Inlet Pressure Range

- 500 mbar (BVG, BVA), 150 mbar (BVH)

PRODUCT OVERVIEW & CLASSIFICATION

Product Variants

- BVA - Butterfly Valve for Air
- BVG - Butterfly Valve for Gas
- BVH - Butterfly Valve for Hot Air and Flue Gas

CONNECTIONS & INTERFACES

Connection Type

- EN Flange (Z), ANSI Flange (W)

PRODUCT DESIGN & CONFIGURATION

Manual Version

- BVG..H

MATERIAL SPECIFICATIONS

Seal Material

- BVG/BVA - HNBR Elastomer

Material

- BVG, BVA - AlSi Housing; Aluminum Disc; Stainless Steel Shaft; HNBR Seals
- BVH-GGG - Ductile Iron Housing; Stainless Steel Disc and Shaft

ACTUATION, VALVE & MOTION CONTROL SPECIFICATIONS

Actuator Type

- IC20, IC30, IC40 (IBG/IBGF Assemblies)

Drive Shaft

- Stainless Steel

APPLICATIONS & COMPATIBILITY

Applications

- Gas and air burners, hot-air systems, flue-gas control, industrial combustion processes

METERING & PROCESS CAPABILITY

Medium

- Air (cold/hot)
- Gas (natural, LPG, town gas, biogas, hydrogen)
- Hot air and flue gas

Filters

▼ CATEGORY

☒ Base Part

☒ Spare Part

▼ TYPE

- ☒ Butterfly Valve
- ☒ Valve Assembly

 Search

Part Number

101030891

Description

VLV ASSY, BFLY, 3 ANSI FLG BVHM80TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101030892

Description

VLV ASSY, BFLY, 3 ANSI FLG BVHM80TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101030916

Description

VLV ASSY, BFLY, 2 ANSI FLG BVHM50TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101032088

Description

VLV ASSY, BFLY, 3 ANSI FLG, BVHM80TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101032205

Description

VLV ASSY, BFLY, 4 ANSI FLG, BVHM100W01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101032209

Description

VLV ASSY, BFLY, 4 ANSI FLG, BVHM100W01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101032219

Description

VLV ASSY, BFLY, 4 ANSI FLG, BVHM100TW01A W/

Category

Spare Part

Type

Valve Assembly

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Part Number

101032282

Description

VLV ASSY, BFLY, 3 ANSI FLG, BVHM80TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number

101033659

Description

VLV ASSY, BFLY, 2 ANSI FLG, BVHM50TW01A W/A

Category

Spare Part

Type

Valve Assembly

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Part Number	101033714
Description	VLV ASSY, BFLY, 2 ANSI FLG, BVHM50TW01A W/A
Category	Spare Part
Type	Valve Assembly
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Rows

10 ▾

Product Number



Please sign in to view part numbers available for purchase based on your account

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101030891
VLV ASSY,BFLY,3 ANSI FLG BVHM80TW01A W/A
101030891
VLV ASSY,BFLY,3 ANSI FLG BVHM80TW01A W/A
101030892
VLV ASSY,BFLY,3 ANSI FLG BVHM80TW01A W/A
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VLV ASSY,BFLY,2 ANSI FLG BVHM50TW01A W/A
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VLV ASSY,BFLY,4 ANSI FLG,BVHM100W01A W/A
101032219
VLV ASSY,BFLY,4 ANSI FLG,BVHM100TW01A W/
101032219
VLV ASSY,BFLY,4 ANSI FLG,BVHM100TW01A W/



101032282

VLV ASSY,BFLY,3 ANSI FLG,BVHM80TW01A W/A

101032282

VLV ASSY,BFLY,3 ANSI FLG,BVHM80TW01A W/A

101033659

VLV ASSY,BFLY,2 ANSI FLG,BVHM50TW01A W/A

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VLV ASSY,BFLY,2 ANSI FLG,BVHM50TW01A W/A

101033714

VLV ASSY,BFLY,2 ANSI FLG,BVHM50TW01A W/A

101033714

VLV ASSY,BFLY,2 ANSI FLG,BVHM50TW01A W/A