

Butterfly valves DKR

Butterfly valves for adjusting the flow rate of hot air or flue gas on gas burners, prepared for attachment of an actuator IC 50, for control ratios up to 1:10, with angle-of-rotation indicator.

Overview



Butterfly valves for adjusting the flow rate of hot air or flue gas on gas burners, prepared for attachment of an actuator IC 50, for control ratios up to 1:10, with angle-of-rotation indicator.

Features & Benefits:

- DN: 15 to 500, for fitting between two flanges
- pu: max. 300 mbar
- With manual adjustment or free shaft end
- Max. medium temperature: 100 to 650°C
- With disc clearance or with stop bar

More Information:

- [Find products in ProFi for DKR](#)
- [Calculate nominal diameter DN for DKR](#)

Specifications

METERING & PROCESS CAPABILITY

Medium

- Hot air and flue gas

ENVIRONMENTAL CONDITIONS

Ambient Temperature Range

- -20 to +60 deg C

INSTALLATION & MOUNTING SPECIFICATIONS

Installation Orientation

- Clamped between DIN EN 1092 PN16 flanges



PRESSURE SPECIFICATIONS

Inlet Pressure Range

- 300 mbar

MATERIAL SPECIFICATIONS

Valve Disc Material

- Stainless Steel up to DN65, Heat-Resistant Cast Iron ≥ DN80
- Steel up to DN100, Grey Cast Iron Above (DKR..100/350/450)

Material

- Grey Cast Iron (DKR..100/350/450)
- Heat-Resistant Cast Iron (DKR..650)

STORAGE/TRANSPORT TEMPERATURES

Storage Temperature

- -20 to +40 deg C

TEMPERATURE CONTROL/MEASUREMENT

Temperature Class

- Available for 100 deg C, 350 deg C, 450 deg C, and 650 deg C (model-dependent)

PRODUCT OVERVIEW & CLASSIFICATION

Product Variants

- DKR..A - Butterfly valves with stop bar
- DKR..D - Butterfly valve DKR..D is with valve disc clearance
- DKR..F - Butterfly valve with free shaft end (for actuator mounting)
- DKR..H (lever) - Butterfly valve with manual lever and angle scale

ACTUATION, VALVE & MOTION CONTROL SPECIFICATIONS

Actuator Version

- IDR = DKR with IC50 actuator (DN ≤ 300 preassembled)

Actuator Type

- IC50 axial, linkage, linkage+shock suppressor

Drive Shaft

- Stainless Steel up to 450 deg C
- Steel up to 350 deg C

DIMENSIONS & SIZE SPECIFICATIONS

Nominal Sizes

- DN 15 to 500

PERFORMANCE, FLOW & CAPACITY

Flow Velocity

- ≤ 30 m/s

APPLICATIONS & COMPATIBILITY

Applications

- Adjusting volumes of hot air/flue gas, control ratio up to 1:10
- Roller hearth kilns, forging furnaces, industrial flue-gas and hot-air systems



Filters

▼ CATEGORY

☒ Base Part

☒ Spare Part

▼ TYPE

☒ Butterfly Valve

☒ Gear Motor

☒ Actuator

☒ Plate

☒ Heat Deflector

☒ Mounting Set

☒ Lever

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Part Number	KS03149200
Description	VLV, BFLY, DKR 15Z03F100D, DN 15, 300 MBAR, 1
Category	Base Part
Type	Butterfly Valve
	Order Online
Part Number	KS03149201
Description	DKR 15Z03F350D
Category	Base Part
Type	Butterfly Valve
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Part Number	KS03149202
Description	DKR 15Z03F450D
Category	Base Part
Type	Butterfly Valve
	Order Online
Part Number	KS03149203
Description	DKR 20Z03F100D
Category	Base Part
Type	Butterfly Valve
	Order Online
Part Number	KS03149204
Description	DKR 20Z03F350D
Category	Base Part
Type	Butterfly Valve
	Order Online
Part Number	KS03149205
Description	DKR 20Z03F450D
Category	Base Part
Type	Butterfly Valve
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Part Number	KS03149206
Description	DKR 25Z03F100D
Category	Base Part
Type	Butterfly Valve
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Part Number	KS03149207
Description	DKR 25Z03F350D
Category	Base Part
Type	Butterfly Valve
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Part Number	KS03149208
Description	DKR 25Z03F450D
Category	Base Part
Type	Butterfly Valve
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Part Number	KS03149209
Description	DKR 25Z03F650D
Category	Base Part
Type	Butterfly Valve
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Product Number



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KS03149201
DKR 15Z03F350D

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