



ECON® Butterfly valve Type: 4991LUG Ductile cast iron/PFA Handle Lug type

This is a dual-use or controlled item. When exporting this item outside the EU an export license is required from the regulatory authorities.

Characteristics

Type: 4991LUG

Norm: EN (DIN)

Valve design: Centric

Housing material: Ductile cast iron

Material quality: EN-JS1025

Surface protection: Epoxy coating (external)

Connection: Lug type

Standard connection: EN (DIN)

Face to Face norm: EN 558, Series 20

Operation: Handle

Housing lining: Replaceable

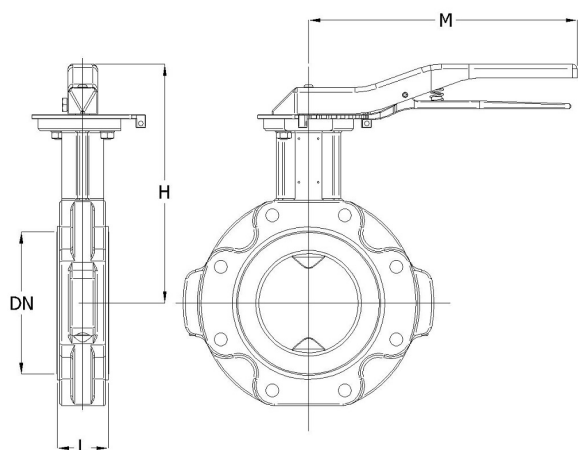
Disk material: PFA

Quality class disc: S355J2G3

Actuator material: 1.4301

Application

- Recommended in: Chemical



Size table:

DN	H mm	L mm	M mm	Weight kg
DN40	140	33	232.5	4.1
DN50	185	43	272.5	7.2
DN65	201	46	272.5	8.6
DN80	220	46	272.5	10.2
DN100	240	52	272.5	14.2
DN125	257	56	272.5	18.3
DN150	272	56	272.5	20.5
DN200	300	60	350	32.1
DN250	325	68	350	48.7
DN300	363	78	350	71.7

Pressure and temperature range

Size	Liner	Pressure rating	Temperature range	-20	100	140	200	[°C]
DN40 - DN150	PTFE	PN10	-20°/+200°C	10	10	10	6	[bar]
DN200 - DN300	PTFE	PN10	-20°/+200°C	10	10	7	3	[bar]

Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length mm	Material liner	Spindle material	Quality class spindle	Minimum medium temperature [continuous] °C	Maximum medium temperature [continuous] °C	Article
DN40	PN10	PN10/16	33	PTFE/SIL	Stainless steel	1.4469	-20	200	13684642
DN50	PN10	PN10/16	43	PTFE/SIL	Stainless steel	1.4469	-20	200	13684643
DN65	PN10	PN10/16	46	PTFE/SIL	Stainless steel	1.4469	-20	200	13684644
DN80	PN10	PN10/16	46	PTFE/SIL	Stainless steel	1.4469	-20	200	13684645

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Nominal inner diameter	Pressure rating	Pressure rating flange	Face to Face length	Material liner	Spindle material	Quality class spindle	Minimum medium temperature (continuous)	Maximum medium temperature (continuous)	Article
			mm				°C	°C	
DN100	PN10	PN10/16	52	PTFE/SIL	Stainless steel	1.4469	-20	200	13684646
DN125	PN10	PN10/16	56	PTFE/SIL	Stainless steel	1.4469	-20	200	13684647
DN150	PN10	PN10/16	56	PTFE/SIL	Stainless steel	1.4469	-20	200	13684648
DN200	PN10	PN10	60	PTFE/SIL	Stainless steel	1.4469	-20	200	13684649
DN250	PN10	PN10	68	PTFE/SIL	Stainless steel	1.4462	-20	200	13684650
DN300	PN10	PN10	78	PTFE/SIL	Stainless steel	1.4462	-20	200	13684651

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