

## ECON® Butterfly valve Type: 5831 Ductile cast iron/Stainless steel Tilting handle handle Lug type



### Characteristics

**Type:** 5831  
**Norm:** EN (DIN)  
**Valve design:** Centric  
**Housing material:** Ductile cast iron  
**Material quality:** EN-JS1030  
**Surface protection:** Paint min. 60 µm  
**Connection:** Lug type  
**Standard connection:** EN (DIN)/ ASME  
**Face to Face norm:** EN 558, Series 20

### Characteristics [2]

**Operation:** Tilting handle  
**Top flange standard:** ISO 5211 Direct Mount  
**Housing lining:** Vulcanized  
**Disk material:** Stainless steel  
**Quality class disc:** 1.4408  
**Actuator material:** EN-JS1030

DN mm	A mm	E mm	F mm	H mm	H1 mm	K mm	L mm	nxO mm	P mm	N ISO 5211	Weight [kg]	Kvs-value m3/h
50	165	11	25	118	67	90	43	4x9	12	F07	4	70
65	185	11	25	126	74	90	46	4x9	12	F07	5	220
80	200	11	25	133	82	90	46	4x9	14	F07	6	351
100	228	11	25	147	100	90	52	4x9	14	F07	9	610
125	254	14	28	160	112	90	56	4x9	14	F07	11	1078
150	285	14	28	180	134	90	56	4x9	14	F07	13	1552
200	340	17	28	204	159	90	60	4x9	14	F07	19	2759
250	405	22	30	245	195	125	68	4x11	15	F10	30	4310
300	472	22	30	270	220	125	78	4x11	15	F10	46	6207
350	520	27	29	315	282	150	78	4x14	20	F12	58	11545
400	597	27	29	350	307	150	102	4x14	20	F12	97	13520
450	640	36	38	375	352	175	114	4x18	20	F14	105	15838
500	710	36	38	415	387	175	127	4x18	20	F14	130	24522
600	780	46	48	465	452	210	154	4x22	25	F16	205	34230

Size	Liner	Pressure rating	Temperature range	Max. oper. pressure [bar]
DN50-DN150	NBR or EPDM	PN16	NBR -10°/+80°C, EPDM -10°/+120°C	16
DN200-DN600	NBR or EPDM	PN10	NBR -10°/+80°C, EPDM -10°/+120°C	10

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
DN50	PN16	PN10/16	43	EPDM	Stainless steel	1.4122	-10	120	12522912

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

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	
DN65	PN16	PN10/16	46	EPDM	Stainless steel	1.4122	-10	120	12522913
DN80	PN16	PN10/16	46	EPDM	Stainless steel	1.4122	-10	120	12522914
DN100	PN16	PN10/16	52	EPDM	Stainless steel	1.4122	-10	120	12522915
DN150	PN16	PN10/16	56	EPDM	Stainless steel	1.4122	-10	120	12522917
DN200	PN10	PN10	60	EPDM	Stainless steel	1.4122	-10	120	12522918

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.