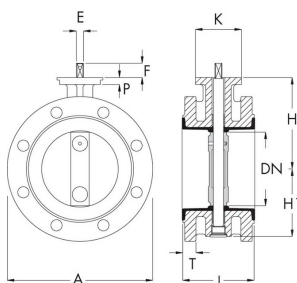
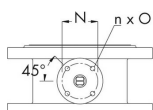


Fig. 4620 Butterfly valve

econosto®



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Econ® ductile iron butterfly valve, double-flanged type with centric disc, one piece shaft supported by bronze radial bearings, rubber lined body. The rubber liner is vulcanized integrally to body and bearings ensuring reduced torque and a long lifetime. This liner extends along the valve faces, eliminating the use of gaskets. The double flanged body is suitable for mounting between flanges acc. to DIN PN10 or PN16. Face to face dimensions are acc. to ISO5752/EN558 basic series 13, DIN 3202 F16 and BS 5155. Valve is also suitable for end of line applications. For easy mounting of both manual and automatic actuators the valve is executed with a topflange according to the ISO 5211 standard. Further applications of series 46 butterfly valves can be found amongst others in general industrial and maritime systems for media such as (ballast) water, gases, hydrocarbons and light corrosive media up to a maximum of 16 bar.

Features

- Housing material: Nodular cast iron
- Valve design: Centric
- Valve butterfly material: Aluminum bronze
- Standard: EN
- Top flange standard: ISO 5211 Direct Mount
- Surface treatment: Paint min. 60 µm
- Quality class spindle: 1.4122
- Material quality: EN-JS1030
- Connections: Flange
- Quality class disc: CC333G
- Housing lining: Vulcanized
- Standard face to face length: EN 558, Series 13
- Spindle material: Stainless steel

Pressure and Temp Range

Size	Liner	Pressure rating	Temperature range	Max. operating pressure [bar]
DN50- DN600	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

Dimensions

DN	A	E	F	H	H1	K	L	nxO	P	T	N	Weight [kg]	Kvs-value m3/hour
[mm]											ISO 5211		
50	165	11	25	118	67	90	108	4x9	12	22	F07	10	70
65	185	11	25	126	74	90	112	4x9	12	22	F07	12	220
80	200	11	25	133	82	90	114	4x9	14	22	F07	14	351
100	228	11	25	147	100	90	127	4x9	14	23	F07	16	610
125	254	14	28	160	112	90	140	4x9	14	26	F07	20	1078
150	285	14	28	180	134	90	140	4x9	14	26	F07	27	1552
200	343	17	28	204	159	90	152	4x9	14	29	F07	35	2759
250	405	22	30	245	195	125	165	4x11	15	32	F10	51	4310
300	445	22	30	270	220	125	178	4x11	15	32	F10	62	6207
350	505	27	29	315	282	150	190	4x14	20	32	F12	90	11545
400	565	27	29	350	307	150	216	4x14	20	33	F12	124	13520
450	615	36	38	375	352	175	222	4x18	20	33	F14	180	15838
500	670	36	38	415	387	175	229	4x18	20	35	F14	210	24522
600	780	46	48	465	452	210	267	4x22	25	36	F16	302	34230

Order Information

Stock	Article No.	Order code	DN	Pressure rating	Seat material	Flange compression stage
S	EC4620D0050LCBB	205314	DN 50	PN 16	EPDM	PN 16
S	EC4620D0050LCAB	205235	DN 50	PN 16	NBR	PN 16

This product information sheet has been formulated with the greatest care, but no rights can be derived from it. Subject to change.

Fig. 4620

Butterfly valve

Stock	Article No.	Order code	DN	Pressure rating	Seat material	Flange compression stage
S	EC4620D0065LCBB	205320	DN 65	PN 16	EPDM	PN 16
S	EC4620D0065LCAB	205242	DN 65	PN 16	NBR	PN 16
S	EC4620D0080LCBB	205323	DN 80	PN 16	EPDM	PN 16
S	EC4620D0080LCAB	205246	DN 80	PN 16	NBR	PN 16
S	EC4620D0100LCBB	205326	DN 100	PN 16	EPDM	PN 16
S	EC4620D0100LCAB	205248	DN 100	PN 16	NBR	PN 16
S	EC4620D0125LCBB	205339	DN 125	PN 16	EPDM	PN 16
S	EC4620D0125LCAB	205250	DN 125	PN 16	NBR	PN 16
S	EC4620D0150LCBB	205342	DN 150	PN 16	EPDM	PN 16
S	EC4620D0150LCAB	205252	DN 150	PN 16	NBR	PN 16
S	EC4620D0200MCBB	205261	DN 200	PN 10	EPDM	PN 10
S	EC4620D0200MCAB	205203	DN 200	PN 10	NBR	PN 10
	EC4620D0200LCBB	205352	DN 200	PN 16	EPDM	PN 16
S	EC4620D0200LCAB	205254	DN 200	PN 16	NBR	PN 16
	EC4620D0250MCBB	205265	DN 250	PN 10	EPDM	PN 10
S	EC4620D0250MCAB	205206	DN 250	PN 10	NBR	PN 10
	EC4620D0250LCBB	205362	DN 250	PN 16	EPDM	PN 16
S	EC4620D0250LCAB	205255	DN 250	PN 16	NBR	PN 16
S	EC4620D0300MCBB	205333	DN 300	PN 10	EPDM	PN 10
S	EC4620D0300MCAB	205214	DN 300	PN 10	NBR	PN 10
	EC4620D0300LCBB	205369	DN 300	PN 16	EPDM	PN 16
S	EC4620D0300LCAB	238816	DN 300	PN 16	NBR	PN 16
S	EC4620D0350MCBB	205337	DN 350	PN 10	EPDM	PN 10
S	EC4620D0350MCAB	205218	DN 350	PN 10	NBR	PN 10
	EC4620D0350LCBB	205378	DN 350	PN 16	EPDM	PN 16
	EC4620D0350LCAB	205259	DN 350	PN 16	NBR	PN 16

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Stock	Article No.	Order code	DN	Pressure rating	Seat material	Flange compression stage
S	EC4620D0400MCBB	205341	DN 400	PN 10	EPDM	PN 10
	EC4620D0400MCAB	205223	DN 400	PN 10	NBR	PN 10
	EC4620D0400LCBB	205379	DN 400	PN 16	EPDM	PN 16
	EC4620D0400LCAB	205262	DN 400	PN 16	NBR	PN 16
S	EC4620D0450MCBB	205343	DN 450	PN 10	EPDM	PN 10
	EC4620D0450MCAB	205225	DN 450	PN 10	NBR	PN 10
	EC4620D0450LCBB	205383	DN 450	PN 16	EPDM	PN 16
	EC4620D0450LCAB	205264	DN 450	PN 16	NBR	PN 16
S	EC4620D0500MCBB	205358	DN 500	PN 10	EPDM	PN 10
	EC4620D0500MCAB	205228	DN 500	PN 10	NBR	PN 10
	EC4620D0500LCBB	205387	DN 500	PN 16	EPDM	PN 16
	EC4620D0500LCAB	205268	DN 500	PN 16	NBR	PN 16
S	EC4620D0600MCBB	205361	DN 600	PN 10	EPDM	PN 10
	EC4620D0600MCAB	205230	DN 600	PN 10	NBR	PN 10
	EC4620D0600LCBB	205393	DN 600	PN 16	EPDM	PN 16
	EC4620D0600LCAB	205270	DN 600	PN 16	NBR	PN 16

Additional information

Valve top flange dimensions for the attachment of actuators or intermediate supports according to ISO 5211.

Nom. inner diameter [mm]	E	N	nxO	ISO 5211 flange-spigot-drive-diameter
DN 50	11	70	4x9	F07-N-L-11
DN 65	11	70	4x9	F07-N-L-11
DN 80	11	70	4x9	F07-N-L-11
DN 100	11	70	4x9	F07-N-L-11
DN 125	14	70	4x9	F07-N-L-14
DN 150	14	70	4x9	F07-N-L-14
DN 200	17	70	4x9	F07-N-L-17
DN 250	22	102	4x11	F10-N-L-22
DN 300	22	102	4x11	F10-N-L-22
DN 350	27	125	4x14	F12-N-L-27
DN 400	27	125	4x14	F12-N-L-27
DN 450	36	140	4x18	F14-N-L-36
DN 500	36	140	4x18	F14-N-L-36
DN 600	46	165	4x22	F16-N-L-46

Note. F07-N-L-11, identifies an attachment according ISO 5211; F07 flange type, without spigot, parallel square drive, 11 mm diameter.