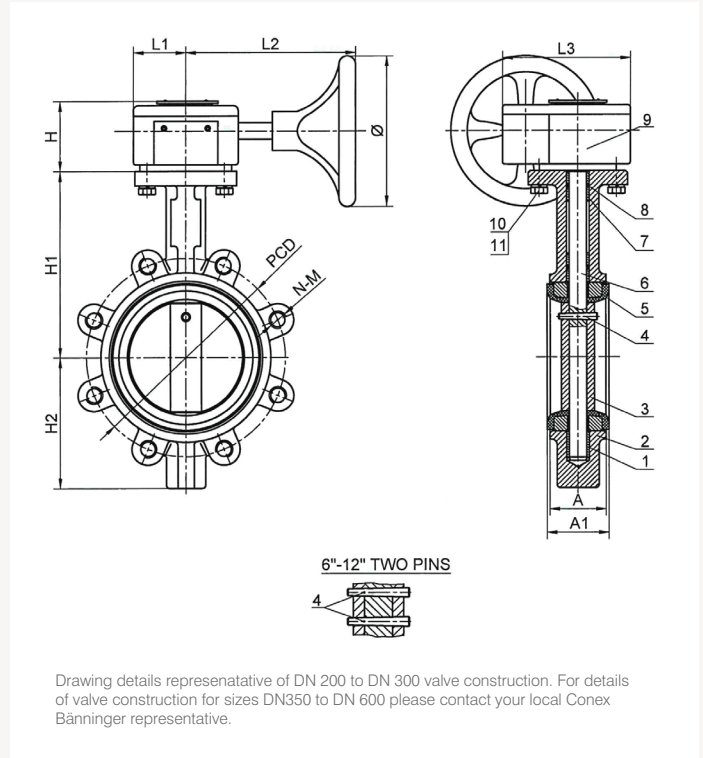


BLGX Lug Concentric Butterfly Valve PN16



Material specification

BLGX Wafer Concentric Butterfly Valve 8" to 24"			
No	Component	Material	
1	Bushing	PTFE	
2	Body	Ductile iron	
3	Disc	CF8/DI*/CF8M*/C94500*	
4	Pin	Stainless steel SS316	
5	Seat	EPDM	
6	Shaft	Stainless steel SS410	
7	Bushing	PTFE	
8	O-ring	EPDM	
9	Gearbox	Cast iron	
10	Bolt	Carbon steel	
11	Spring washer	Spring steel 65 Mn	

\*Variants available to special order please contact your local Conex Bänninger representative.

Material details representative of DN 200 to DN 300 valve construction. For details of valve construction for sizes DN350 to DN 600 please contact your local Conex Bänninger representative.

## Applicable standards:

- Design standard: EN 593 / BS 5155 / MSS SP-67 / API 609.
- Connection standard: EN1092-2.
- Face to face dimensions according to EN 558-1 basic series 20.
- Top flange standard: ISO 5211-1.

## Technical data:

- Size: DN 50 – DN 300 (2" - 6").
- Nominal pressure: PN16.
- Test pressure shell: 24 bar.
- Test pressure seal: 17.6 bar.
- Temperature range: -20 °C to 110 °C.
- Suitable for water and neutral liquids.

## Features and benefits:

- Lug pattern designed for high-pressure applications.
- Replaceable wide EPDM seat suitable for variety of flange type.
- Bi-directional shut-off seat prevents backflow within the pipeline.
- Streamlined stainless steel disc ensures lower water head loss.
- Manufactured from high quality ductile iron.
- Electrostatically coated with corrosion resistant epoxy powder internally and externally. Minimum coating thickness 250 microns.
- Lever operated.

### BLLX Lug Concentric Butterfly Valve 2" to 6"

Order Code	Size	DN	H1	H2	A	A1	G
B0050CLCNG20SO	2"	50	141.2	68.6	42	46.1	195/266
B0065CLCNG20SO	2 1/2"	65	150.4	76	44.5	49.1	195/266
B0080CLCNG20SO	3"	80	156.4	98.6	44.5	49.1	195/266
B0100CLCNG20SO	4"	100	167.9	118.7	51	55.5	266
B0125CLCNG20SO	5"	125	186.5	129.4	54.5	58.8	266
B0150CLCNG20SO	6"	150	205.7	142	54.5	59.1	328

Variants with DI/CF8M/C94500 disc available to special order please contact your local Conex Bänninger representative.

### BLLX Lug Concentric Butterfly Valve 2" to 6"

Kv Values - Valve Sizing Coefficients (m<sup>3</sup>/h@1bar) DN50 to DN 150

Size	DN	10°	20°	30°	40°	50°	60°	70°	80°	90° Fully Open
2"	50	0.1	4.3	10.3	20.6	38.6	54.8	77.1	107.1	115.7
2 1/2"	65	0.2	6.9	17.1	31.7	55.7	84.0	123.4	174.8	188.5
3"	80	0.3	10.3	18.9	33.4	60.0	99.4	156.8	235.6	258.8
4"	100	0.4	14.6	30.8	66.8	119.1	197.1	311.9	467.9	514.1
5"	125	0.7	24.9	52.3	114.0	203.1	335.9	531.3	796.9	875.7
6"	150	1.7	38.6	81.4	175.7	313.6	518.4	820.9	1231.4	1353.0