

**Series AW – PN 10 catalogue-no. AW-B20**  
**PN 16 catalogue-no. AW-C30**

**CENTER-TECH-BFL butterfly valve, wafer type**



size DN	Pressure rating PN	Hydrost. Test pressure in bars for		working pressure in bars at working temperatures of up to 70°C and 120°C resp.
		Body	seat	
50-300	10	15	10	10

size DN	Pressure rating PN	Hydrost. Test pressure in bars for		working pressure in bars at working temperatures of up to 70°C and 120°C resp.
		Body	seat	
50-150	16	24	16	16
200-300	16	15	10	10

**DN 200 – DN 300 PN16, with body JL1040 (GG-25) can only be used for working pressure max. 10 bars.**

**Working pressure higher than 10 bars use body JS1030 (GGG-40).**

**Design:**

Body one part, connecting flange to DIN 2501 PN10 or PN16<sup>1)</sup>.

When slip-on flanges will be used, consult CTA factory.

Disc centric type, streamlined design leaking closure in both directions

Seat . replaceable, fusion bonded on backing ring

**Materials <sup>2</sup>**

DN	Body	Figure no. of valve components	Disc	Seat	Stem	max. temp.
50-300	<b>JL 1040 GG-25</b>	C001	Ductile iron copper and nickel plated	NBR	1.4005	+ 80 °C
50-300	"	C002	Ductile iron copper and nickel plated	EPDM	1.4005	+120 °C
50-300	"	C003	Stainless steel 1.4408	NBR	1.4005	+ 80 °C
50-300	"	C004	Stainless steel 1.4408	EPDM	1.4005	+120 °C
50-300	"	C005	Aluminium bronze 2.0975.01	NBR	1.4005	+ 80 °C
50-300	"	C006	Aluminium bronze 2.0975.01	EPDM	1.4005	+120 °C
50-300	"	C069	Ductile iron Rilsan coated	NBR	1.4005	+ 70 °C
50-300	"	C070	Ductile iron Rilsan coated	EPDM	1.4005	+ 70 °C
50-300	"	C131	Ductile iron ECTFE <sup>3)</sup> coated	NBR	1.4542	+ 80 °C
50-300	"	C121	Ductile iron ECTFE <sup>3)</sup> coated	EPDM	1.4542	+120 °C

1) On request other connecting flanges e.g. ANSI, BS, JIS

2) On request available in other materials

3) reduced working pressure – please consult CTA factory



Master Distributor in China

**Quko Int'l Development Limited**

Email: sales@qukointl.com

Website: www.qukointl.com



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**Series LT – PN 10 catalogue-no. LT-B21**  
**PN 16 catalogue-no. LT-C31**



**butterfly valve, lug type**

size DN	Pressure rating PN	Hydrost. Test pressure in bars for		working pressure in bars at working temperatures of up to 70°C and 120°C resp.
		Body	seat	
40-1000	10	15	10	10
40-1000	16	24	16	16



**Design:**

Body one part, connecting flange to DIN 2501 PN10 or PN16<sup>1)</sup>.  
 When slip-on flanges will be used, consult CTA factory.  
 Disc centric type, streamlined design leaking closure in both  
 directions  
 Seat . replaceable, fusion bonded on backing ring  
 Stem:  
 1.4005 – DN 40 – 350 working pressure max. 16 bars  
 1.4005 – DN 350 – 1000 working pressure max. 10 bars  
 1.4542 – DN 350 – 1000 working pressure max. 16 bars

**Materials <sup>2</sup>**

DN	Body	Figure no. of valve components	Disc	Seat	Stem	max. temp.
40-1000	<b>JS 1030 GGG-40</b>	C001	Ductile iron copper and nickel plated	NBR	1.4005	+ 80°C
40-1000	"	C002	Ductile iron copper and nickel plated	EPDM	1.4005	+120°C
40-1000	"	C003	Stainless steel 1.4408	NBR	1.4005	+ 80°C
40-1000	"	C004	Stainless steel 1.4408	EPDM	1.4005	+120°C
40-1000	"	C005	Aluminium bronze 2.0975.01	NBR	1.4005	+ 80°C
40-1000	"	C006	Aluminium bronze 2.0975.01	EPDM	1.4005	+120°C
40-1000	"	C069	Ductile iron Rilsan coated	NBR	1.4005	+ 70°C
40-1000	"	C070	Ductile iron Rilsan coated	EPDM	1.4005	+ 70°C
40-300	"	C131	Ductile iron ECTFE <sup>3)</sup> coated	NBR	1.4542	+ 80°C
40-300	"	C121	Ductile iron ECTFE <sup>3)</sup> coated	EPDM	1.4542	+120°C

1) On request other connecting flanges e.g. ANSI, BS, JIS

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3) reduced working pressure – please consult CTA factory



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