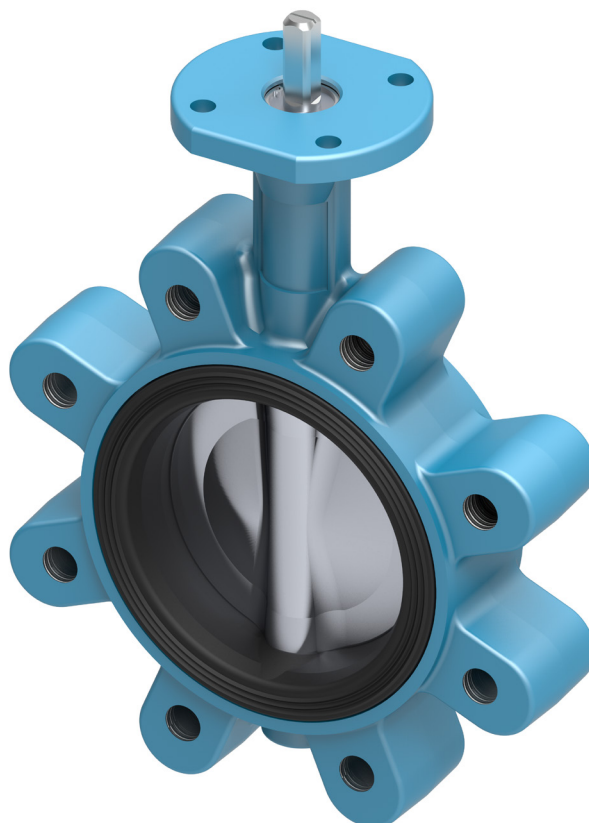


## CONCENTRIC BUTTERFLY VALVE - lug type

Art N°

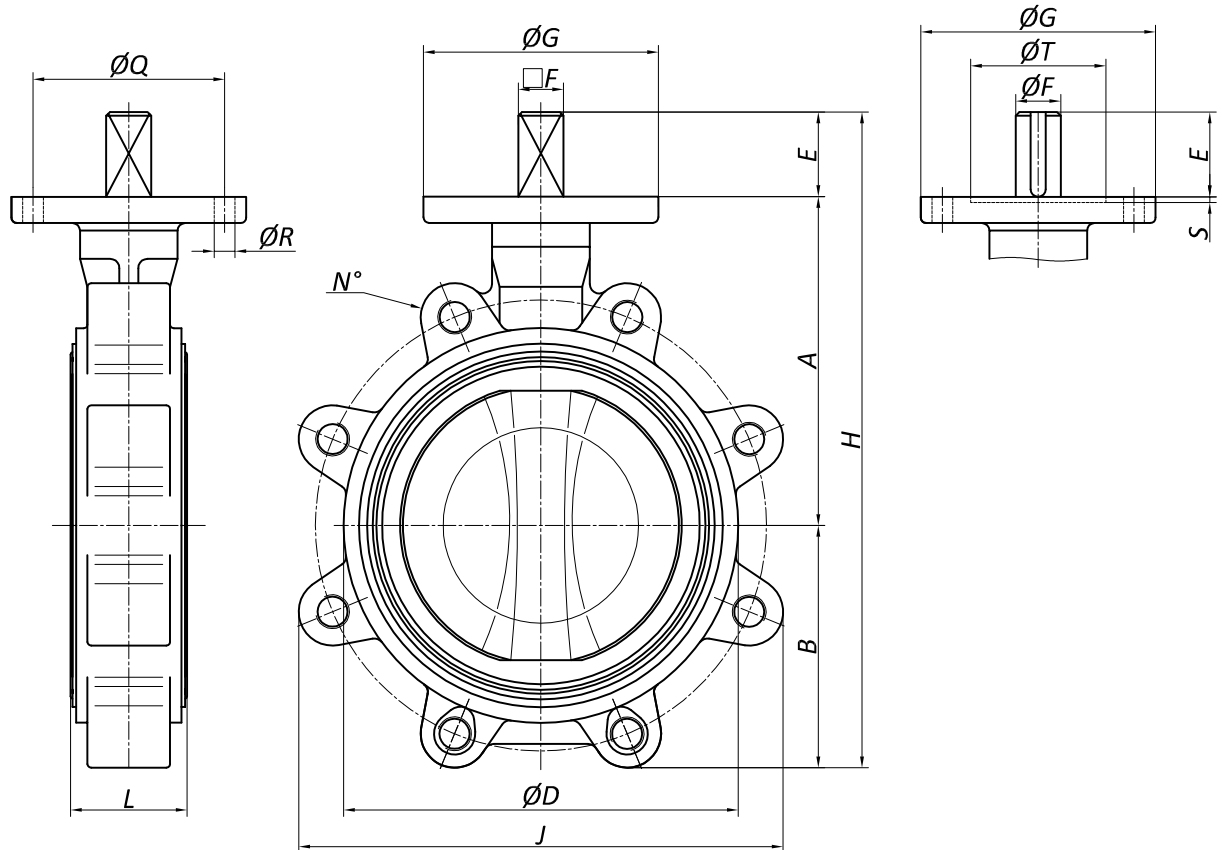
V3-20

NENNWEITE  DN	NENNDRUCK  bar	FLANSCHEN EN 1092-2  PN	WASSERPRÜFDRUCK NACH EN 12266  bar	
			GEHÄUSE	GESCHLOSSEN
200 – 1000	10	10	15	11
32 – 150	16	16	24	17,6



<b>Body</b>	<b>LUGGED</b>
<b>Production Range</b>	<b>DN 25 - DN 1000</b>
<b>Standard Design</b>	<b>EN 593</b>
<b>Face to Face</b>	<b>EN 558-1 Series 20 / BS 5155</b>
<b>Top Flange</b>	<b>EN ISO 5211</b>
<b>Drilling Norm</b>	<b>EN 1092- 2, PN10 / PN16</b>
<b>Marquage</b>	<b>EN 19</b>
<b>Standard Max. working pressure</b>	<b>DN 200 - DN 1000 up to 10 bar</b>
	<b>DN 32 - DN 150 up to 16 bar</b>
<b>Working Temperature:</b>	<b>-40°C up to 210°C (material depends)</b>
<b>Hydraulic test</b>	<b>EN 12266 / ISO 5208</b>
<b>Remarks</b>	<b>Pressure Equipment Directive 2014/68/EU</b>
	<b>Optional: Vulcanized seat</b>

## CONCENTRIC BUTTERFLY VALVE



DN		GENERAL DIMENSIONS											TOP FLANGE				
mm	inch	N° Lugs	L	A	B	D	E	F	G	H	J	Kg	ISO	Q	R	S	T
25	1"	4	33	102,5	50,4	68	30	11	90	183	130	1,85	F - 07	70	4x9		
32	1 ¼"	4	33	102,5	50,4	68	30	11	90	183	130	1,85	F - 07	70	4x9		
40	1 ½"	4	33	110	54	76	30	11	90	194	140	2,0	F - 07	70	4x9		
50	2"	4	43	120	59,5	100	30	11	90	209,5	156	2,9	F - 07	70	4x9		
65	2 ½"	4	46	135	66,5	108	30	11	90	231,5	175	3,3	F - 07	70	4x9		
65	2 ½"	8	46	135	82	108	30	11	90	247	175	4,0	F - 07	70	4x9		
80	3"	8	46	141	91	124	30	11	90	262	194	4,8	F - 07	70	4x9		
80	3"	4	46	141	75	124	30	11	90	246	185	3,6	F - 07	70	4x9		
100	4"	8	52	165	105	147,3	30	11	90	300	224	6,4	F - 07	70	4x9		
125	5"	8	56	180	125	180	33	14	90	338	267	9,9	F - 07	70	4x9		
150	6"	8	56	193	136,5	206,5	33	14	90	362,5	292	10,6	F - 07	70	4x9		
200	8"	8	60	225	156	257	33	17	90	414	334	13,5	F - 07	70	4x9		
200	8"	12	60	225	171	257	33	17	90	429	352	17,5	F - 07	70	4x9		
250	10"	12	68	282,5	210	324	23	22	130	515,5	409	26,5	F - 10	102	4x12	3	70
300	12"	12	78	308	240	383	23	22	130	571	480	39,6	F - 10	102	4x12	3	70
350	14"	16	78	338,5	263	437	31	22	160	632,5	522	56	F - 10	102	4x12	3	70
350	14"	12	78	338,5	263	437	31	22	160	632,5	522	55,4	F - 10	102	4x12	3	70
400	16"	16	102	380	308	486	31	27	160	719	595	74,8	F - 12	125	4x14	4	85
450	18"	20	114	380,5	340	538	38	36	190	758,5	633	101,4	F - 14	140	4x18	4	100
450	18"	16	114	380,5	340	538	38	36	190	758,5	633	94,4	F - 14	140	4x18	4	100
500	20"	20	127	432,5	380	612	38	36	210	850,5	717	154,4	F - 14	140	4x18	4	100
600	24"	20	154	494	440	690	80	60	210	1014	833	215,9	F - 16	165	4x22	5	130
700	28"	24	165	590	490	832	106	65	300	1186	904	287	F - 25	254	8x18	5	200
750	30"	24	190	590	530	836	106	80	300	1226	964	370	F - 25	254	8x18	5	200
750	30"	28	190	590	530	836	106	80	300	1226	979	391,4	F - 25	254	8x18	5	200
800	32"	24	190	630	565	902	106	80	300	1301	1020	425,5	F - 25	254	8x18	5	200
900	36"	28	203	695	610	1010	110	80	350	1415	1120	530,5	F - 25	254	8x18	5	200
1000	40"	28	216	770	675	1116	110	80	350	1555	1246	680,7	F - 25	254	8x18	5	200

Body	
Cast Iron	EN GJL-250 (DIN 1691 GG25)
Ductile Cast Iron	EN GJS 400-15 (DIN 1693 GGG40)
Cast Carbon Steel	ASTM A 216 / A216M WCB
Cast Stainless Steel	ASTM A351 / 351M CF8 / CF8M
Bronze / Tin Casting	EN 1982 CuSn10-C (CC480K)
Aluminium Bronze Casting	EN 1982 CuAl10Fe5Ni5-C (CC333G)
Carbon Steel	EN 10025 S 275 JR
Stainless Steel	AISI 304 / 316
Cast Aluminium	EN AC 47100 / EN AC 46100

Discs	
Ductile Cast Iron	EN GJS 400-15 (DIN 16913 GGG40)
Cast Carbon Steel	ASTM A 216 / A216M WCB
Cast Stainless Steel	ASTM A 351 / 351M CF8/CF8M
Bronze / Tin Casting	EN 1982 CuSn10-C (CC480K)
Aluminium Bronze Casting	EN 1982 CuAl10Fe5Ni5-C (CC333G)
Ductile Cast Iron + EPDM	EN GJS 400-15 (DIN 1693 GGG40) + EPDM
Cast Aluminium	EN AC 44100
Duplex	ASTM A 351 / 351M CD4MCu-N NORIDUR
Super Austenitic	URANUS B6-904L
Super Duplex	1.4469

Shafts	
Stainless Steel	AISI 420 / 316
Super Duplex	1.4410
Duplex	1.4462
Alloy Ni-Cu	MONEL 400 / MONEL K 500

Bushings	
Acetyl / Bronze / Steel-Bronze-PTFE	

"O" ring	NBR / VITON
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<i>Rubber seat</i>	<i>Technical code</i>	<i>Max. Working Temperature</i>
<i>Ethylene Propylene</i>	<i>EPDM</i>	<i>-20°C up to + 110°C</i>
<i>Ethylene Propylene High Temperature</i>	<i>EPDM</i>	<i>+80°C up to + 130°C</i>
<i>Food EPDM FDA</i>	<i>EPDM</i>	<i>-20°C up to + 110°C</i>
<i>Food White EPDM FDA</i>	<i>EPDM</i>	<i>-20°C up to + 95°C</i>
<i>EPDM DVGW (ACS, WRAS, KTW, W270)</i>	<i>EPDM</i>	<i>-20°C up to + 95°C</i>
<i>Nitrile</i>	<i>NBR</i>	<i>-10°C up to + 90°C</i>
<i>Food White NBR FDA</i>	<i>NBR</i>	<i>-10°C up to + 90°C</i>
<i>Nitrile Hydrogenated</i>	<i>NBR</i>	<i>-10°C up to + 90°C</i>
<i>Flucast AB/P</i>	<i>-</i>	<i>-10°C up to + 70°C</i>
<i>Flucast AB/E</i>	<i>-</i>	<i>-20°C up to + 95°C</i>
<i>Flucast AB/N</i>	<i>-</i>	<i>-10°C up to + 100°C</i>
<i>Silicone</i>	<i>MVQ</i>	<i>-60°C up to + 200°C</i>
<i>Food Silicone</i>	<i>MVQ</i>	<i>-60°C up to + 200°C</i>
<i>Steam Silicone</i>	<i>MVQ</i>	<i>-60°C up to + 140°C</i>
<i>Viton</i>	<i>FPM</i>	<i>-15°C up to + 210°C</i>
<i>Viton Bio</i>	<i>FPM</i>	<i>-5°C up to + 210°C</i>
<i>Viton GF</i>	<i>FPM</i>	<i>-5°C up to + 210°C</i>
<i>Hypalon</i>	<i>CSM</i>	<i>-25°C up to + 125°C</i>
<i>Epichlorhydrine</i>	<i>ECO</i>	<i>-40°C up to + 125°C</i>

*All temperatures and fields of application are approximated. In order to determinate the best option for a flow medium, please contact our Commercial Department.*

