

Doppelflanschklappe in F16-Baulänge/ Double flange butterfly valve PA-1160

Technische Daten

Bauform

Ab DN 100 erhältlich
 Baulänge nach EN 558-1/13 (F16)

Mit Handrad

Topflansch nach ISO 5211

Ab DN 250 mit Schneckenradgetriebe

Gehäuse: GGG-50 EKB

Scheibe: Edelstahl 1.4408

Dichtung: EPDM

Specification

Design

Available from DN 100
 Face to face according to EN 558-1/13 (F16)

With handwheel

Topflange according to ISO 5211

From DN 250 with worm gear

Body: GGG-50 EKB

Disc: stainless steel 1.4408

Seat: EPDM



Anschluss

Passend zwischen Flansche PN 10/16

Connection

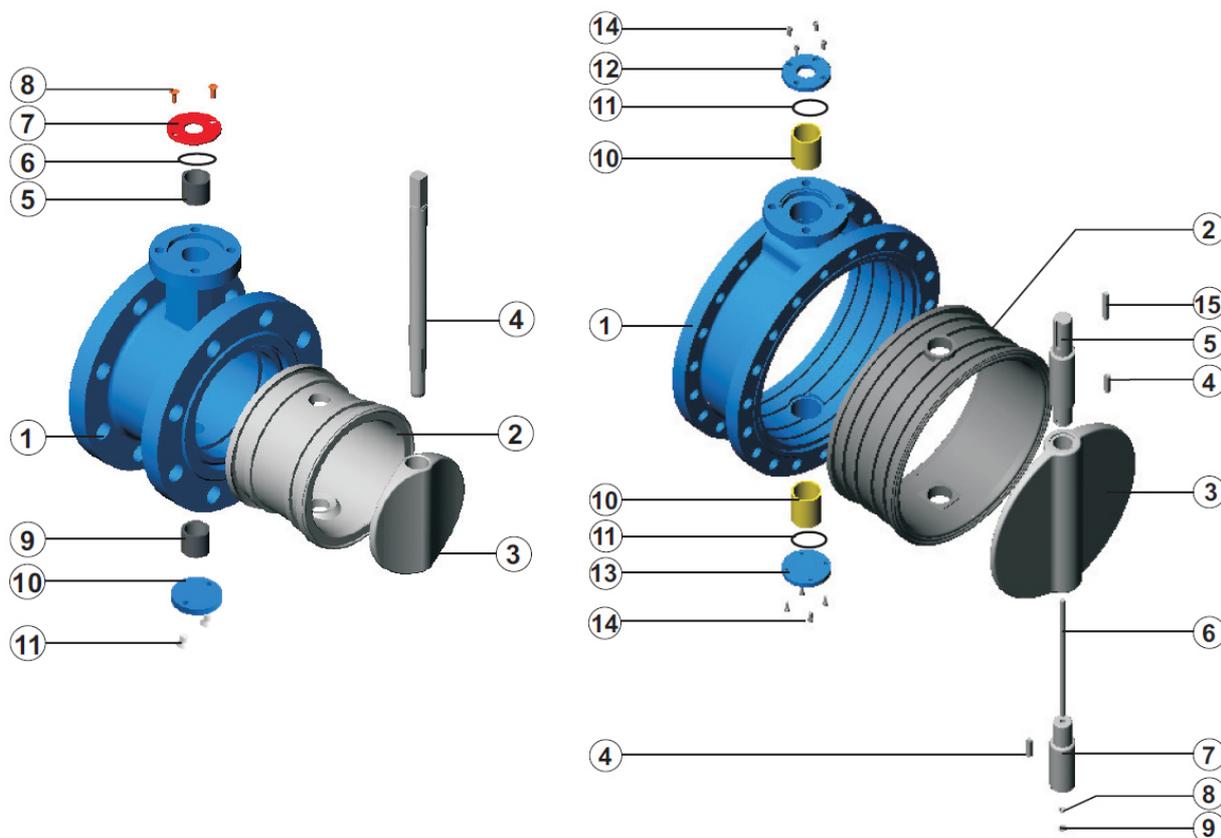
Suitable between flanges PN 10/16

Betriebstemperatur

Max. 120°C

Temperature Range

Max. 120°C



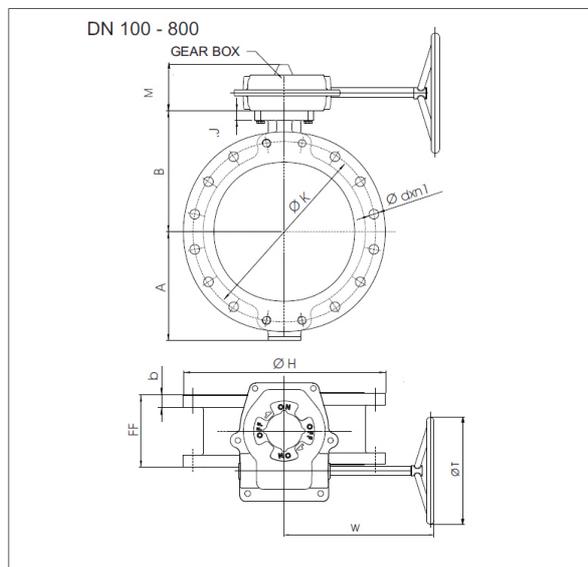
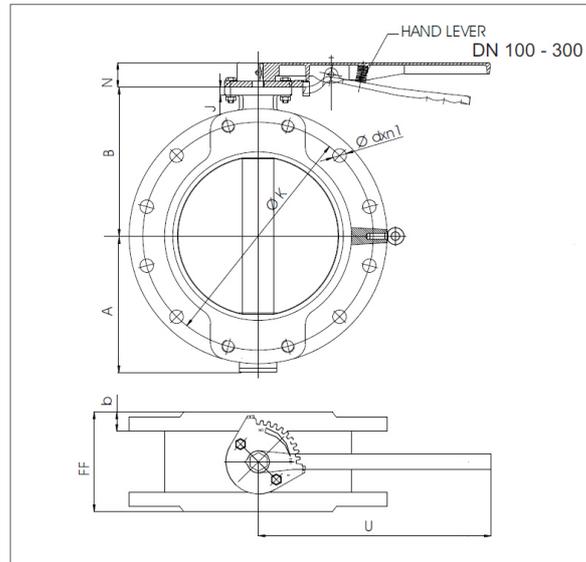
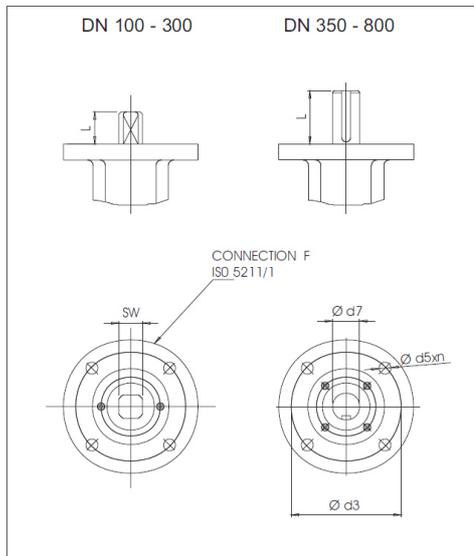
PN 10 - PN 16

Parts List & Material Specification

Ø100-300 Ø350-800

P.NO	PART NAME	MATERIAL
1	Body	GGG 40-50, GGG 40.3, Al-Bz, AISI 316, GS-C25
2	Body seat	EPDM, NBR, Viton, Hypalon, Neopren, Nr, Silicone
3	Disc	AISI 316, Al-Bz, GGG 40-50, GS-C25, UB 6
4	Stem	AISI 304, AISI 316, AISI 420
5	Bearing	SB (Carbon Steel)
6	O-Ring	NBR
7	Washer	St-37, A-2
8	Bolt	8.8, A-2
9	Bearing	SB (Carbon Steel + PTFE)
10	Lower Cover	St-37
11	Bolt	8.8, A-2

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1	Body	GGG 40-50, GGG 40.3, Al-Bz, AISI 316, GS-C25
2	Body seat	EPDM, NBR, Viton, Hypalon, Neopren, NR, Silicone
3	Disc	AISI 316, Al-Bz, GGG 40-50, GS-C25, UB 6
4	Key	C 45 k
5	Upper stem	AISI 304, AISI 316, AISI 420
6	Connecting stud	AISI 304, AISI 316, AISI 420
7	Lower stem	AISI 304, AISI 316, AISI 420
8	Washer	St-37, A-2
9	Nut	6.8, A-2
10	Bearing	SB (Carbon Steel + PTFE)
11	O-ring	EPDM, NBR
12	Upper cover	C 45
13	Lower cover	C 45
14	Bolt	8.8, A-2
15	Key	C 45 k



DN	A	B	b	FF	Ø H	J	M	N	U	W	Ø T	F	Ø d5xn	□ SW Ø d7	L	Ø d3	PN 10			PN 16			CL 150		
																	Ø K	Ø d	n1	Ø K	Ø d	n1	Ø K	Ø d	n1
Ø 100	112	155	23.9	127	220	14	50	37	260	159	200	07	9x4	□ 14	32	70	180	Ø 18	8	180	Ø 18	8	190.5	19.1	8
Ø 125	125	160	23.9	140	250	14	50	37	260	159	200	07	9x4	□ 14	32	70	210	Ø 18	8	210	Ø 18	8	215.9	22.4	8
Ø 150	146	189	25.4	140	285	14	50	37	350	159	200	07	9x4	□ 17	32	70	240	Ø 22	8	240	Ø 22	8	241.3	22.4	8
Ø 200	170	213	28.4	152	340	15	75	37	350	238	260	10	11x4	□ 17	32	102	295	Ø 22	8	295	Ø 22	12	298.5	22.4	8
Ø 250	220	250	30.2	165	405	15	75	47	400	238	260	10	11x4	□ 22	32	102	350	Ø 22	12	355	Ø 26	12	362	25.4	12
Ø 300	247	290	31.8	178	460	15	75	47	400	238	260	10	11x4	□ 27	32	102	400	Ø 22	12	410	Ø 26	12	431.8	25.4	12
Ø 350	300	318	35	190	520	28	102	-	-	315	400	14	17.5x4	Ø 36	75	140	460	Ø 22	16	470	Ø 26	16	476.3	28.4	12
Ø 400	326	367	36.8	216	580	28	102	-	-	315	400	14	17.5x4	Ø 45	75	140	515	Ø 26	16	525	Ø 30	16	539.8	28.4	16
Ø 450	364	410	39.8	222	640	28	102	-	-	315	400	16	22x4	Ø 45	92	165	565	Ø 26	20	585	Ø 30	20	577.9	31.8	16
Ø 500	410	447	42.9	229	715	28	102	-	-	315	400	16	22x4	Ø 50	92	165	620	Ø 26	20	650	Ø 33	20	635	31.8	20
Ø 600	482	525	47.8	267	840	28	102	-	-	414	600	16	22x4	Ø 65	92	165	725	Ø 30	20	770	Ø 36	20	749.3	35.1	20
Ø 700	564	548	53	229 / 292	910	30	135	-	-	414	600	25	18x8	Ø 68	118	254	840	Ø 30	24	840	Ø 36	24	863.6	35.1	28
Ø 800	605	640	58	318	1025	30	135	-	-	414	600	25	18x8	Ø 82	118	254	950	Ø 34	24	950	Ø 41	24	977.9	Ø 41	28

FREE SAHFT Weight (kg)	HAND LEVER		GEAR BOX			
	Type	Weight (kg)	PN 10		PN 16	
			Type	Weight (kg)	Type	Weight (kg)
13.5	92-200	0.800	AST-20	2,900	AST-20	2,900
14.0	92-200		AST-20			
17.0	92-300		AST-20			
35.0	92.400	2.600	AST-30	8,220	AST-30	8,220
53.0	92.400		AST-30			
94.0	92.400		AST-30			
140.0	-	-	AST-40	12,240	AST-40	12,240
165.0	-	-	AST-40		AST-60	17,900
187.0	-	-	AST-60	17,900	AST-80	32,660
255.0	-	-	AST-60		AST-80	
376.0	-	-	AST-80	32,660	AB1950NHR	45,000
-	-	-	AB1950NHR	45,000	AB6800NLT/SP4	70,000
-	-	-	AB6800NLT/SP4	70,000	AB6800NLT/SP4	70,000