



OPTIFLUX 6000

Technical Datasheet

Electromagnetic Flow Sensor

- Stainless steel design for hygienic and aseptic operation
- Unique gasket concept
- Suitable for all CIP and SIP processes
- All industry-specific connectors and lengths



KROHNE

Sanitary and hygienic solution

The OPTIFLUX 6000 electromagnetic flow sensor sets the standard in the food and beverage industry. OPTIFLUX 6000 is suitable for mixing, dosing and filling applications.



Highlights

- Developed in cooperation with customers from the food industry
- Stainless steel design for hygienic and aseptic operation
- Unique gasket concept prevents gasket from expanding into measuring tube
- Suitable for all CIP and SIP processes
- All industry-specific connectors and lengths
- High form stability and vacuum resistance

Industries

- Food & Beverages
- Pharmaceuticals

Applications

- For aseptic and hygienic applications
- Mixing, dosing and filling
- For pulsating flow

Electromagnetic product range

OPTIFLUX converters: All converters fit to all sensors



- ❶ IFC 300 High-performance solution
- ❷ IFC 010 Economical solution

OPTIFLUX sensors



- ❶ OPTIFLUX 1000 Economical solution
- ❷ OPTIFLUX 2000 Solution for the water and wastewater industry
- ❸ OPTIFLUX 4000 Standard solution for the process industry
- ❹ OPTIFLUX 5000 Solution with high-tech ceramics
- ❺ OPTIFLUX 6000 Sanitary and hygienic solution

Special-purpose flowmeters



- ❶ WATERFLUX 2070 Battery powered watermeter solution
- ❷ OPTIFLUX 4040 C 2-wire solution
- ❸ TIDALFLUX 4110 PF Solution for partially filled pipelines
- ❹ BATCHFLUX 5015 C Solution for volumetric filling
- ❺ OPTIFLUX 7300 C Electrode-free solution

Technical data

Nominal diameter													
ASME [inch]	1/10"	1/8"	1/4"	3/8"	1/2"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
DN [mm]	2,5	4	6	10	15	25	40	50	65	80	100	125	150

Process connections

DIN 11850													
DIN 11851													
DIN 11864-2a													
DIN 32676													
ISO 2037													
ISO 2852													
ISO 2853													
SMS 1145													
TRI CLOVER													
Note: DN 2,5-6 (1/10-1/4") have DN 10 (3/8") connections.													

Liner

PFA													
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Electrodes

Hastelloy C4													
Hastelloy B2													
Platinum													
Stainless steel 1.4404 (AISI 316 L)													
Stainless steel 1.4571 (AISI 316 Ti)													
Tantalum													
Titanium													

Integrated rings and gaskets

Without / EPDM													
Without / silicone (non-Ex only)													

Materials

Measuring tube													
- Stainless steel 1.4301 (AISI 304)													
Housing													
- Stainless steel 1.4462 (Duplex)													
- Stainless steel 1.4301 (AISI 304)													
Connection box (F-versions only)													
- Aluminum, polyurethane coated													
- Stainless steel 1.4408 (AISI)													
Adapters													
- Stainless steel 1.4404 (AISI 316 L)													
Note: other materials on request.													

Protection category

IP 66 / 67 eq. NEMA 4/4X / 6													
IP 68 field eq. NEMA 6P													
IP 68 factory eq. NEMA 6P													

Nominal diameter													
ASME [inch]	1/10"	1/8"	1/4"	3/8"	1/2"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
DN [mm]	2.5	4	6	10	15	25	40	50	65	80	100	125	150

Approvals

3A													
EHEDG													
Non-Ex													
EEx zone 1 / 2													
FM - class I div. 1 / 2													
CSA - GP / class I div. 1 / 2													
	Please note the approvals are for flow sensors only.												

Versions

Compact + IFC 300 C													
Separate + IFC 300 F, R, W													
Compact + IFC 010 C													
Separate + IFC 010 W													

Vacuum load

0 mbar/ 0 psi absolute													
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Conductivity

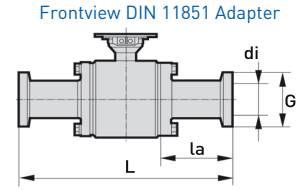
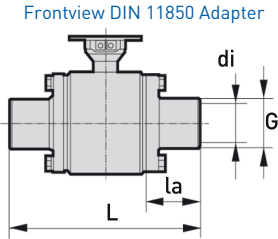
Non-water	>= 5 µS/cm	>= 1 / 5 µS/cm (IFC 300 / 010)
Water	>= 20 µS/cm	

■ standard ■ optional □ on request

Temperature range

	Process [°C]		Ambient [°C]		Process [°F]		Ambient [°F]	
	min.	max.	min.	max.	min.	max.	min.	max.
Separate flow sensor (OPTIFLUX 6000 F)	-40	180	-40	65	-40	356	-40	149
Compact with IFC 300 (OPTIFLUX 6300 C)	-40	140	-40	65	-40	284	-40	149
Compact with IFC 010 (OPTIFLUX 6010 C)	-25	120	-25	60	-13	248	-13	140

Dimensions Adapters DIN11850, DIN11851



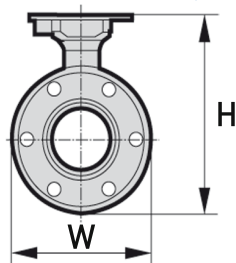
DIN11850-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

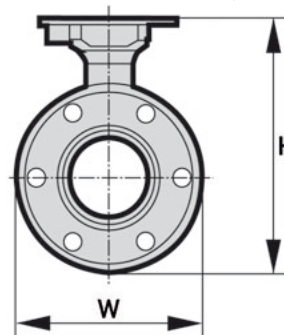
DIN11850-inch

1/10"	580	0,39	0,51	1,26	7,09	4,84	1,73	7,87		10,94	3,3
1/8"	580	0,39	0,51	1,26	7,09	4,84	1,73	7,87		10,94	3,3
1/4"	580	0,39	0,51	1,26	7,09	4,84	1,73	7,87		10,94	3,3
3/8"	580	0,39	0,51	1,26	7,09	4,84	1,73	7,87	8,98	10,94	3,3
1/2"	580	0,63	0,75	1,26	7,09	4,84	1,73	7,87	8,98	10,94	3,3
1"	580	1,02	1,14	0,81	5,22	5,04	3,5	8,07	9,17	11,14	6,6
1 1/2"	580	1,5	1,61	2,41	8,66	6,02	4,49	9,06	10,16	12,13	11,7
2"	362,5	1,97	2,09	2,41	8,66	6,02	4,49	9,06	10,16	12,13	15
2 1/2"	362,5	2,6	2,76	1,65	8,66	7,09	5,55	10,12	11,22	13,19	24
3"	362,5	3,19	3,35	2,63	11,02	7,52	5,98	10,55	11,65	13,62	24,7
4"	232	3,94	4,09	2,33	11,02	9,53	7,99	12,56	13,66	15,63	40,6
5"	145	4,92	5,08	2,61	12,56	10,16	8,62	13,19	14,29	16,26	
6"	145	5,91	6,06	2,53	12,8	11,54	10	14,57	15,67	17,64	
DN 1/10"-3/8" screwed adapter.											
DN 1/2"-6" bolted adapter.											

Sideview DIN 11850 Adapter



Sideview DIN 11851 Adapter



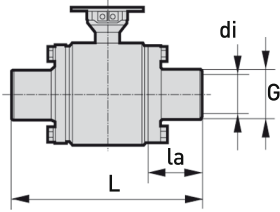
DIN11851-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

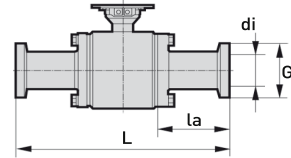
DIN 11851

1/10"	580	0,39	Rd 28 x 1/8"	2,09	8,43	4,84	1,73	7,87	-	10,94	3,3
1/8"	580	0,43	Rd 28 x 1/8"	2,09	8,43	4,84	1,73	7,87	-	10,94	3,3
1/4"	580	0,47	Rd 28 x 1/8"	2,09	8,43	4,84	1,73	7,87	-	10,94	3,3
3/8"	580	0,51	Rd 28 x 1/8"	2,09	8,43	4,84	1,73	7,87	8,98	10,94	3,3
1/2"	580	0,63	Rd 34 x 1/8"	2,09	8,43	4,84	1,73	7,87	8,98	10,94	3,3
1"	580	1,02	Rd 52 x 1/6"	1,94	7,48	5,04	3,5	8,07	9,17	11,14	7,1
1 1/2"	580	1,5	Rd 65 x 1/6"	3,59	11,02	6,02	4,49	9,06	10,16	12,13	12,1
2"	362,5	1,97	Rd 78 x 1/6"	3,67	11,18	6,02	4,49	9,06	10,16	12,13	11,7
2 1/2"	362,5	2,6	Rd 95 x 1/6"	3,06	11,5	7,09	5,55	10,12	11,22	13,19	22,1
3"	362,5	3,19	Rd 110 x 1/4"	4,24	14,25	7,52	5,98	10,55	11,65	13,62	27,6
4"	232	3,94	Rd 130 x 1/4"	4,3	14,96	9,53	7,99	12,56	13,66	15,63	48,1
5"	145					10,16	8,62	13,19	14,29	16,26	
6"	145					11,54	10	14,57	15,67	17,64	

Frontview DIN 11850 Adapter



Frontview DIN 11851 Adapter



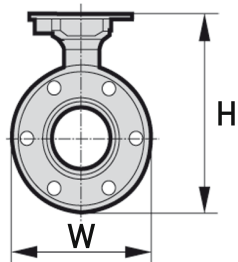
DIN11850-mm

Nominal size		Dimensions [mm]										Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions							weight
DN	PN	di	G	la	L	H	W	Tbox	TIFC010	TIFC300	[kg]**	

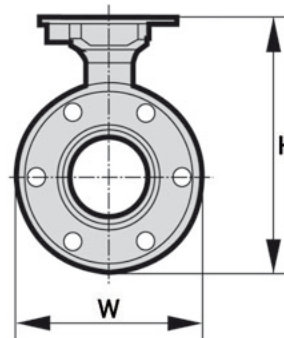
DIN 11850

2,5	40	10	13	32	180	123	44	200	-	278	1,5
4	40	10	13	32	180	123	44	200	-	278	1,5
6	40	10	13	32	180	123	44	200	-	278	1,5
10	40	10	13	32	180	123	44	200	228	278	1,5
15	40	16	19	32	180	123	44	200	228	278	1,5
25	40	26	29	20,6	132,6	128	89	205	233	283	3
40	40	38	41	61,3	220	153	114	230	258	308	5,3
50	25	50	53	61,3	220	153	114	230	258	308	6,8
65	25	66	70	41,8	220	180	141	257	285	335	10,9
80	25	81	85	66,8	280	191	152	268	296	346	11,2
100	16	100	104	59,3	280	242	203	319	347	397	18,4
125	10	125	129	66,3	319	258	219	335	363	413	
150	10	150	154	64,3	325	293	254	370	398	448	
										DN 2.5-15 screwed adapter.	
										DN 25-150 bolted adapter.	

Sideview DIN 11850 Adapter



Sideview DIN 11851 Adapter



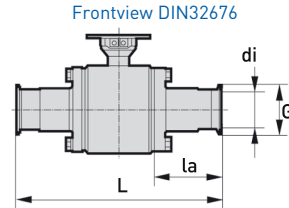
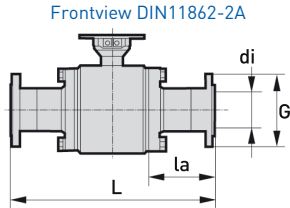
DIN11851-mm

Nominal size		Dimensions [mm]									Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	Tbox	TIFC010	TIFC300	[kg]**

DIN 11851

2,5	40	10	Rd 28 x 1/8"	53,1	214	123	44	200	-	278	1,5
4	40	11	Rd 28 x 1/8"	53,1	214	123	44	200	-	278	1,5
6	40	12	Rd 28 x 1/8"	53,1	214	123	44	200	-	278	1,5
10	40	13	Rd 28 x 1/8"	53,1	214	123	44	200	228	278	1,5
15	40	16	Rd 34 x 1/8"	53,1	214	123	44	200	228	278	1,5
25	40	26	Rd 52 x 1/6"	49,3	190	128	89	205	233	283	3,2
40	40	38	Rd 65 x 1/6"	91,3	280	153	114	230	258	308	5,5
50	25	50	Rd 78 x 1/6"	93,3	284	153	114	230	258	308	5,3
65	25	66	Rd 95 x 1/6"	77,8	292	180	141	257	285	335	10
80	25	81	Rd 110 x 1/4"	107,8	362	191	152	268	296	346	12,5
100	16	100	Rd 130 x 1/4"	109,3	380	242	203	319	347	397	21,8
125	10					258	219	335	363	413	
150	10					293	254	370	398	448	

Dimensions Adapters DIN11862-2A, DIN32676



DIN11864-2A-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

DIN 11864-2A

1"	580	1,03	2,76	1,8	7,2	5,04	3,5	8,07	9,17	11,14	9,7
1 1/2"	580	1,5	3,23	3,28	10,39	6,02	4,49	9,06	10,16	12,13	16,5
2"	362,5	1,97	3,7	3,28	10,39	6,02	4,49	9,06	10,16	12,13	19,8
2 1/2"	362,5	2,6	4,45	2,51	10,39	7,09	5,55	10,12	11,22	13,19	32
3"	362,5	3,19	5,24	4,83	15,43	7,52	5,98	10,55	11,65	13,62	41
4"	232	3,94	6,26	4,54	15,43	9,53	7,99	12,56	13,66	15,63	62,2
5"	145					10,16	8,62	13,19	14,29	16,26	
6"	145					11,54	10	14,57	15,67	17,64	

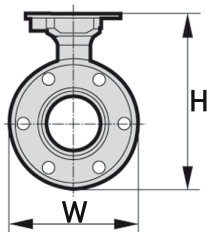
DIN32676-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

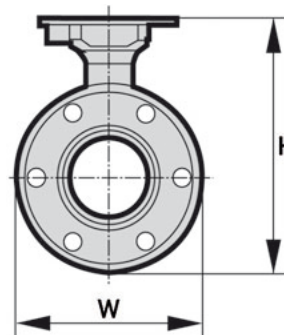
DIN 32676

1"	232	1,02	1,99	1,65	7,48	5,04	3,5	8,07	9,17	11,14	7,1
1 1/2"	232	1,5	1,99	3,18	11,02	6,02	4,49	9,06	10,16	12,13	12,1
2"	232	1,97	2,52	3,18	11,18	6,02	4,49	9,06	10,16	12,13	11,7
2 1/2"	232	2,6	3,58	2,67	11,5	7,09	5,55	10,12	11,22	13,19	22,1
3"	232	3,19	4,17	3,65	14,25	7,52	5,98	10,55	11,65	13,62	27,6
4"	232	3,94	4,69	3,36	14,96	9,53	7,99	12,56	13,66	15,63	48,1

Sideview DIN11862-2A



Sideview DIN32676



DIN11864-2A-mm

Nominal size		Dimensions [mm]										Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions							weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**	

DIN11864-2A

25	40	26,05	70	45,8	183	128	89	205	233	283	4,4
40	40	38	82	83,3	264	153	114	230	258	308	7,5
50	25	50,05	94	83,3	264	153	114	230	258	308	9
65	25	66	113	63,8	264	180	141	257	285	335	14,5
80	25	81	133	122,8	392	191	152	268	296	346	18,6
100	16	100	159	115,3	392	242	203	319	347	397	28,2
125	10					258	219	335	363	413	
150	10					293	254	370	398	448	

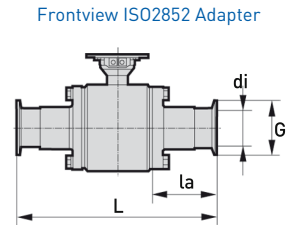
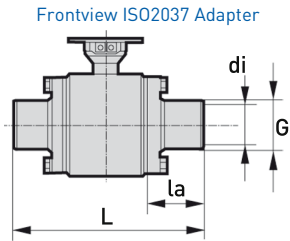
DIN32676-mm

Nominal size		Dimensions [mm]										Approx.
EN 1092-6		Adapter dimensions			Flowmeter dimensions							weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**	

DIN32676

25	16	26	50,5	41,8	190	128	89	205	233	283	3,2
40	16	38	50,5	80,8	280	153	114	230	258	308	5,5
50	16	50	64	80,8	284	153	114	230	258	308	5,3
65	16	66	91	67,8	292	180	141	257	285	335	10
80	16	81	106	92,8	362	191	152	268	296	346	12,5
100	16	100	119	85,3	380	242	203	319	347	397	21,8

Dimensions Adapters ISO2037, ISO2852

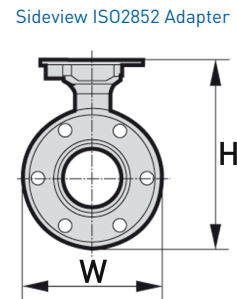
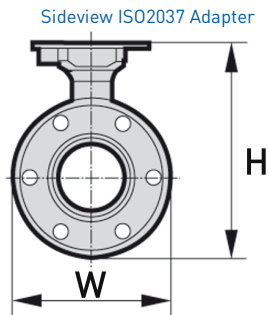


ISO_2037-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

ISO 2037

1/10"	580	0,39	0,47	1,26	7,09	4,84	1,73	7,87	-	10,94	3,3
1/8"	580	0,39	0,47	1,26	7,09	4,84	1,73	7,87	-	10,94	3,3
1/4"	580	0,39	0,47	1,26	7,09	4,84	1,73	7,87	-	10,94	3,3
3/8"	580	0,39	0,47	1,26	7,09	4,84	1,73	7,87	8,98	10,94	3,3
1/2"	580	0,63	0,68	1,26	7,09	4,84	1,73	7,87	8,98	10,94	3,3
1"	580	0,89	0,98	0,81	5,22	5,04	3,5	8,07	9,17	11,14	6,6
1 1/2"	580	1,5	1,5	2,41	8,66	6,02	4,49	9,06	10,16	12,13	11,7
2"	362,5	1,93	2,01	2,41	8,66	6,02	4,49	9,06	10,16	12,13	11
2 1/2"	362,5	2,37	2,5	1,65	8,66	7,09	5,55	10,12	11,22	13,19	19,8
3"	362,5	2,87	3	2,63	11,02	7,52	5,98	10,55	11,65	13,62	23,8
4"	232	3,84	4	2,33	11,02	9,53	7,99	12,56	13,66	15,63	40,6
5"	145	4,34	4,5	2,61	12,56	10,16	8,62	13,19	14,29	16,26	
6"	145	5,34	5,48	2,53	12,8	11,54	10	14,57	15,67	17,64	
DN 1/10"-3/8" screwed adapter.											
DN 1/2"-6" bolted adapter.											



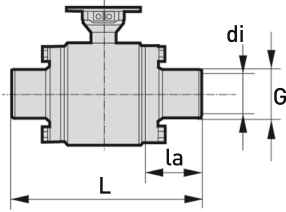
ISO_2852-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

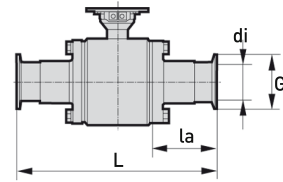
ISO 2852

1/10"	232	0,39	1,34	2,03	8,62	4,84	1,73	7,87	-	10,94	3,3
1/8"	232	0,39	1,34	2,03	8,62	4,84	1,73	7,87	-	10,94	3,3
1/4"	232	0,39	1,34	2,03	8,62	4,84	1,73	7,87	-	10,94	3,3
3/8"	232	0,39	1,34	2,03	8,62	4,84	1,73	7,87	8,98	10,94	3,3
1/2"	232	0,63	1,34	2,03	8,62	4,84	1,73	7,87	8,98	10,94	3,3
1"	232	0,89	1,99	1,65	6,89	5,04	3,5	8,07	9,17	11,14	7,3
1 1/2"	232	1,4	1,99	3,46	10,75	6,02	4,49	9,06	10,16	12,13	11,9
2"	232	1,91	2,52	3,46	10,75	6,02	4,49	9,06	10,16	12,13	11,5
2 1/2"	145	2,37	3,05	2,69	10,75	7,09	5,55	10,12	11,22	13,19	20,9
3"	145	2,87	3,58	3,67	13,11	7,52	5,98	10,55	11,65	13,62	24,7
4"	116	3,84	4,69	3,38	13,11	9,53	7,99	12,56	13,66	15,63	42,1
5"	72,5					10,16	8,62	13,19	14,29	16,26	
6"	72,5					11,54	10	14,57	15,67	17,64	
										DN 1/10"-3/8" screwed adapter.	
										DN 1/2"-6" bolted adapter.	

Frontview ISO2037 Adapter



Frontview ISO2852 Adapter

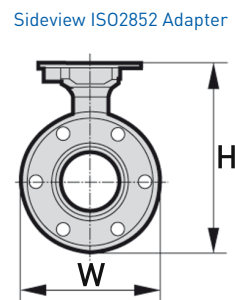
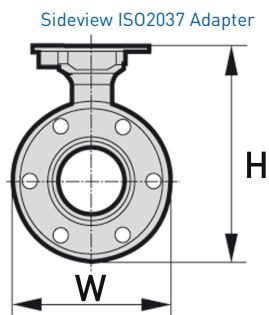


ISO_2037-mm

Nominal size		Dimensions [mm]										Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions							weights
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**	

ISO 2037

2,5	40	10	12	32	180	123	44	200	-	278	1,5
4	40	10	12	32	180	123	44	200	-	278	1,5
6	40	10	12	32	180	123	44	200	-	278	1,5
10	40	10	12	32	180	123	44	200	228	278	1,5
15	40	16	17,2	32	180	123	44	200	228	278	1,5
25	40	22,6	25	20,6	132,6	128	89	205	233	283	3
40	40	38	38	61,3	220	153	114	230	258	308	5,3
50	25	49	51	61,3	220	153	114	230	258	308	5
65	25	60,3	63,5	41,8	220	180	141	257	285	335	9
80	25	72,9	76,1	66,8	280	191	152	268	296	346	10,8
100	16	97,6	101,6	59,3	280	242	203	319	347	397	18,4
125	10	110,3	114,3	66,3	319	258	219	335	363	413	
150	10	135,7	139,3	64,3	325	293	254	370	398	448	
										DN 2.5-15 screwed adapter.	
										DN 25-150 bolted adapter.	



ISO_2852-mm

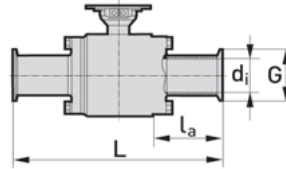
Nominal size		Dimensions [mm]									Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]

Tabelle1

2,5	16	10	34	51,6	219	123	44	200	-	278	1,5
4	16	10	34	51,6	219	123	44	200	-	278	1,5
6	16	10	34	51,6	219	123	44	200	-	278	1,5
10	16	10	34	51,6	219	123	44	200	228	278	1,5
15	16	16	34	51,6	219	123	44	200	228	278	1,5
25	16	22,6	50,5	41,8	175	128	89	205	233	283	3,3
40	16	35,6	50,5	87,8	273	153	114	230	258	308	5,4
50	16	48,6	64	87,8	273	153	114	230	258	308	5,2
65	10	60,3	77,5	68,3	273	180	141	257	285	335	9,5
80	10	72,9	91	93,3	333	191	152	268	296	346	11,2
100	8	97,6	119	85,8	333	242	203	319	347	397	19,1
125	5					258	219	335	363	413	
150	5					293	254	370	398	448	
										DN 2.5-15 screwed adapter.	
										DN 25-150 bolted adapter.	

Dimensions Adapters ISO2853

Frontview ISO2853 Adapter



ISO_2853-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	d _i	G	l _a	L	H	W	T box	T IFC010	T IFC300	[lbs]**

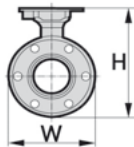
ISO 2853

1/10"	580	0,39	Rd 22,8 x 1/8"	2,09	8,9	4,84	1,73	7,87	-	10,94	6,8
1/8"	580	0,39	Rd 22,8 x 1/8"	2,09	8,9	4,84	1,73	7,87	-	10,94	6,8
1/4"	580	0,39	Rd 22,8 x 1/8"	2,09	8,9	4,84	1,73	7,87	-	10,94	6,8
3/8"	580	0,39	Rd 22,8 x 1/8"	2,09	8,9	4,84	1,73	7,87	8,98	10,94	6,8
1/2"	580	0,63	Rd 22,8 x 1/8"	2,09	8,9	4,84	1,73	7,87	8,98	10,94	6,8
1"	580	0,89	Rd 37,1 x 1/8"	1,77	8,9	5,16	3,15	8,19	9,29	11,26	9,7
1 1/2"	580	1,4	Rd 50,6 x 1/8"	1,95	9,96	5,87	3,86	8,9	10	11,97	13,5
2"	362,5	1,91	Rd 64,1 x 1/8"	2,03	10,35	7,13	5,12	10,16	11,26	13,23	16,8
2 1/2"	362,5	2,37	Rd 77,6 x 1/8"	1,99	12,17	8,11	6,14	11,14	12,24	14,21	25,8
3"	362,5	2,87	Rd 91,1 x 1/8"	1,99	12,17	8,11	6,14	11,14	12,24	14,21	26,5

* Note: Pressure limits for the complete temperature range are equal to the maximum pressure rating as indicated.

** Approx. weigh of meter body with adapters.

Sideview ISO2853 Adapter



ISO_2853-mm

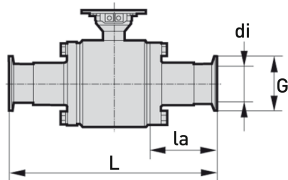
Nominal size		Dimensions [mm]									Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**

ISO 2853

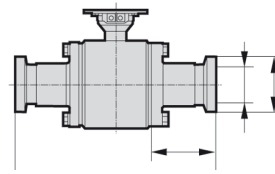
2,5	40	10	Rd 22,8 x 1/8"	53	226	123	44	200	-	278	3,1
4	40	10	Rd 22,8 x 1/8"	53	226	123	44	200	-	278	3,1
6	40	10	Rd 22,8 x 1/8"	53	226	123	44	200	-	278	3,1
10	40	10	Rd 22,8 x 1/8"	53	226	123	44	200	228	278	3,1
15	40	16	Rd 22,8 x 1/8"	53	226	123	44	200	228	278	3,1
25	40	22,6	Rd 37,1 x 1/8"	45	226	131	80	208	236	286	4,4
40	40	35,6	Rd 50,6 x 1/8"	49,5	253	149	98	226	254	304	6,1
50	25	48,6	Rd 64,1 x 1/8"	51,5	263	181	130	258	286	336	7,6
65	25	60,3	Rd 77,6 x 1/8"	50,5	309	206	156	283	311	361	11,7
80	25	72,9	Rd 91,1 x 1/8"	50,5	309	206	156	283	311	361	12
* Note: Pressure limits for the complete temperature range are equal to the maximum pressure rating as indicated.											
** Approx. weight of meter body with adapters.											

Dimensions Adapters TRI-CLOVER, SMS1145

Frontview TRI-CLOVER Adapter



Frontview SMS1145 Adapter



TRI-CLOVER-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

TRI-CLOVER

1"	290	0,85	1,98	1,02	7,48	5,04	3,5	8,07	9,17	11,14	7,1
1 1/2"	290	1,35	1,98	3,46	11,02	6,02	4,49	9,06	10,16	12,13	12,1
2"	290	1,85	2,52	3,46	11,18	6,02	4,49	9,06	10,16	12,13	11,7
2 1/2"	290	2,35	3,05	2,69	11,5	7,09	5,55	10,12	11,22	13,19	22,1
3"	290	2,85	3,54	3,68	14,25	7,52	5,98	10,55	11,65	13,62	27,6
4"	174	3,83	4,68	3,38	14,96	9,53	7,99	12,56	13,66	15,63	48,1

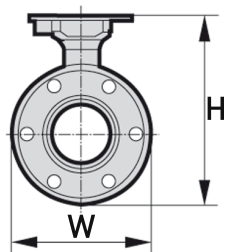
SMS_1155-inch

Nominal size		Dimensions [inch]									Approx.
ASME B16.5		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[lbs]**

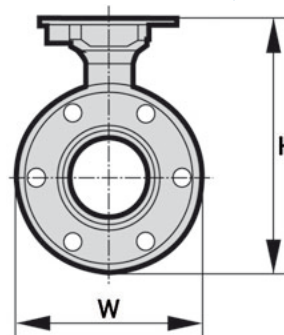
SMS 1145

1"	87	0,89	Rd 40 x 1/6"	1,11	5,81	5,04	3,5	8,07	9,17	11,14	7,1
1 1/2"	87	1,4	Rd 60 x 1/6"	2,13	10,31	6,02	4,49	9,06	10,16	12,13	12,6
2"	87	1,91	Rd 70 x 1/6"	3,32	10,47	6,02	4,49	9,06	10,16	12,13	11,9
2 1/2"	87	2,37	Rd 85 x 1/6"	2,75	10,87	7,09	5,55	10,12	11,22	13,19	21,8
3"	87	2,87	Rd 98 x 1/6"	3,93	13,62	7,52	5,98	10,55	11,65	13,62	26,7
4"	87	3,84	Rd 132 x 1/6"	1,73	13,23	9,53	7,99	12,56	13,66	15,63	48,3

Frontview TRI-CLOVER Adapter



Frontview SMS1145 Adapter



TRI-CLOVER-mm

Nominal size		Dimensions in mm									Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**

TRI-CLOVER

25	20	21,7	50,4	25,8	190	128	89	205	233	283	3,2
40	20	34,4	50,4	87,9	280	153	114	230	258	308	5,5
50	20	47,1	63,9	87,9	284	153	114	230	258	308	5,3
65	20	59,8	77,4	68,4	292	180	141	257	285	335	10
80	20	72,5	90	93,4	362	191	152	268	296	346	12,5
100	12	97,4	118,9	85,9	380	242	203	319	347	397	21,8

SMS_1155-mm

Nominal size		Dimensions [mm]									Approx.
EN 1092-1		Adapter dimensions			Flowmeter dimensions						weight
DN	PN	di	G	la	L	H	W	T box	T IFC010	T IFC300	[kg]**

SMS 1145

25	6	22,6	Rd 40 x 1/6"	28,1	147,6	128	89	205	233	283	3,2
40	6	35,5	Rd 60 x 1/6"	54	262	153	114	230	258	308	5,7
50	6	48,6	Rd 70 x 1/6"	84,3	266	153	114	230	258	308	5,4
65	6	60,3	Rd 85 x 1/6"	69,8	276	180	141	257	285	335	9,9
80	6	72,9	Rd 98 x 1/6"	99,8	346	191	152	268	296	346	12,1
100	6	97,6	Rd 132 x 1/6"	44	336	242	203	319	347	397	21,9

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