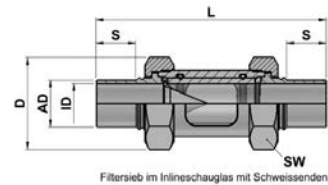




## 4.4 SIEVE WITH INLINE FLOW INDICATOR

### TECHNICAL DATA

<b>Standard sizes</b>	<ul style="list-style-type: none"> <li>• DIN DN10 - DIN DN100</li> <li>• ISO DN08 - ISO DN100</li> <li>• OD 1/2" - 4"</li> </ul>
<b>Materials</b>	<p>Medium contacted:</p> <ul style="list-style-type: none"> <li>• Ring: Ws. 14435 BN2 (316L)</li> <li>• Mesh: Ws. 14404 (316L)</li> <li>• Special materials ring: e.g. 1.4539, Hastelloy 2.4602, Titan etc. on request</li> <li>• Mesh width standard 400µm On demand: 100µm to 1000µm possible</li> </ul>
<b>Gasket</b>	<p>Standard gaskets:</p> <ul style="list-style-type: none"> <li>• Clamp gasket: EPDM fitting DIN32676 Typ A</li> <li>• Silikon and other materials on demand</li> </ul>
<b>Surface quality</b>	<p>Medium contacted: 0,5µm Sieve and inline flow indicator: elektropolished Other surface qualities on demand</p>
<b>Tracability</b>	Medium contacted material marked with material number and heat number
<b>Media</b>	Gases and liquids
<b>Operating temperature</b>	-10°C to +140°C
<b>Operating pressure</b>	16 bar
<b>Betriebstemperatur Dichtwerkstoffe</b>	• EPDM: -40°C to +150°C, short time to +170°C
<b>Applicable standards</b>	<p>Pipe dimensions:</p> <ul style="list-style-type: none"> <li>• DIN (DIN11866 Reihe A)</li> <li>• ISO (DIN11866 Reihe B)</li> <li>• OD (DIN11866 Reihe C)</li> </ul>
<b>Labelling</b>	<p>Sieve: without labelling Clamp gasket: without labelling</p>
<b>Certification</b>	<p>Medium contacted:</p> <ul style="list-style-type: none"> <li>• EN 10204 / 3.1</li> </ul> <p>Medium contacted gaskets:</p> <ul style="list-style-type: none"> <li>• FDA-conform, USP-Class VI, TSE-free according to selected gasket material or customer preference</li> </ul>



## 4.4 SIEVE WITH INLINE FLOW INDICATOR

### 4.4.1 SIEVE WITH INLINE FLOW INDICATOR WITH WELD ENDS

Size	Item number	Pipe AD [mm]	Pipe ID [mm]	Lenght L [mm]	Lenght S [mm]	Diam. D [mm]	Wrench SW [mm]	Max. Oper.-Press. [bar]			
DIN DN10	2821 1010 0000 0301	13.00	10.00	92.40	18.00	31.00	27	16.0			
DIN DN15	2821 1015 0000 0301	19.00	16.00	106.50	18.00	36.50	32	16.0			
DIN DN20	2821 1020 0000 0301	23.00	20.00	106.50	18.00	48.30	42	16.0			
DIN DN25	2821 1025 0000 0301	29.00	26.00	112.50	18.00	52.00	43	13.4			
DIN DN32	2821 1032 0000 0301	35.00	32.00	130.50	18.00	62.00	56	9.5			
DIN DN40	2821 1040 0000 0301	41.00	38.00	135.50	18.00	62.00	56	11.0			
DIN DN50	2821 1050 0000 0301	53.00	50.00	150.60	18.00	79.50	74	12.7			
ISO DN08	2821 2008 0000 0301	13.50	10.30	92.40	18.00	31.00	27	16.0			
ISO DN10	2821 2010 0000 0301	17.20	14.00	98.50	18.00	36.50	32	16.0			
ISO DN15	2821 2015 0000 0301	21.30	18.10	104.50	18.00	41.30	36	16.0			
ISO DN20	2821 2020 0000 0301	26.90	23.70	104.50	18.00	48.30	42	14.4			
ISO DN25	2821 2025 0000 0301	33.70	29.70	126.50	18.00	52.00	46	11.8			
ISO DN32	2821 2032 0000 0301	42.40	38.40	135.50	18.00	62.00	56	11.0			
ISO DN40	2821 2040 0000 0301	48.30	44.30	145.50	18.00	76.00	70	10.0			
ISO DN50	2821 2050 0000 0301	60.30	56.30	165.50	18.00	88.00	82	9.6			
OD 1/2"	2821 3005 0000 0301	12.70	9.40	106.20	25.40	31.00	27	16.0			
OD 3/4"	2821 3007 0000 0301	19.05	15.75	120.30	25.40	36.50	32	16.0			
OD 1"	2821 3010 0000 0301	25.40	22.10	120.30	25.40	48.30	42	15.5			
OD 1 1/2"	2821 3015 0000 0301	38.10	34.80	144.20	25.40	62.00	56	12.0			
OD 2"	2821 3020 0000 0301	50.80	47.50	153.30	25.40	88.00	74	13.4			
OD 2 1/2"	2821 3025 0000 0301	63.50	60.20	179.30	25.40	88.00	82	16.0			

Available materials:

(Item-no. = 4. Block figure 1-3)

Item-No.	Mesh
0000	400µm Standard
0100	100µm
0200	200µm
0800	800µm
1000	1000µm

Available materials for Inline Flow indicator:

(Item-no. = 4. Block figure 1-3)

Item-No.	Material
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2
	Sieb generell: 1.4404 (316)

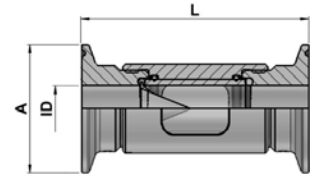
Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface Ra<=0,6µm
1	electro polished Ra<=0,5µm
2	electro polished Ra<=0,25µm

Note: Actual data to collect at [www.elpotech.de](http://www.elpotech.de). Specifications and design are subject to change without notice. Date of revision: 05/2018

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Filtersieb im Inlineschauglas mit Clamp-Stutzen

## 4.4 SIEVE WITH INLINE FLOW INDICATOR

### 4.4.2 SIEVE WITH INLINE FLOW INDICATOR WITH CLAMP CONNECTION ACCORDING DIN 32676

Size	Item number	Lenght L [mm]	Diam. A [mm]	Diam. ID [mm]	Max. Oper.-Press. [bar]						
DIN DN10	2822 1010 0400 0301	76.00	34.00	10.00	16.0						
DIN DN15	2822 1015 0400 0301	91.00	34.00	16.00	16.0						
DIN DN20	2822 1020 0400 0301	91.00	34.00	20.00	16.0						
DIN DN25	2822 1025 0400 0301	98.00	50.50	26.00	13.4						
DIN DN32	2822 1032 0400 0301	*	50.50	32.00	9.5						
DIN DN40	2822 1040 0400 0301	*	50.50	38.00	11.0						
DIN DN50	2822 1050 0400 0301	*	64.00	50.00	12.7						
DIN DN65	2822 1065 0400 0301	*	91.00	66.00	8.3						
DIN DN80	2822 1080 0400 0301	*	106.00	81.00	*						
ISO DN08	2822 2008 0400 0301	76.00	25.00	10.30	16.0						
ISO DN10	2822 2010 0400 0301	76.00	25.00	14.00	16.0						
ISO DN15	2822 2015 0400 0301	92.00	50.50	18.10	16.0						
ISO DN20	2822 2020 0400 0301	92.00	50.50	23.70	14.4						
ISO DN25	2822 2025 0400 0301	105.00	50.50	29.70	11.8						
ISO DN32	2822 2032 0400 0301	*	64.00	38.40	11.0						
ISO DN40	2822 2040 0400 0301	*	64.00	44.30	10.0						
ISO DN50	2822 2050 0400 0301	*	77.50	56.30	9.6						
ISO DN65	2822 2065 0400 0301	*	91.00	72.10	15.5						
ISO DN80	2822 2080 0400 0301	*	106.00	84.30	*						
OD 1/2"	2822 3005 0400 0301	76.00	25.00	9.40	16.0						
OD 3/4"	2822 3007 0400 0301	87.00	25.00	15.75	16.0						
OD 1"	2822 3010 0400 0301	91.00	50.00	22.10	15.5						
OD 1 1/2"	2822 3015 0400 0301	119.00	50.00	34.80	12.0						
OD 2"	2822 3020 0400 0301	*	64.00	50.80	13.4						
OD 2 1/2"	2822 3025 0400 0301	*	77.50	60.20	13.4						
OD 3"	2822 3030 0400 0301	*	91.00	72.90	13.4						
OD 3 1/2"	2822 3035 0400 0301	*	106.00	84.30	*						
OD 4"	2822 3040 0400 0301	*	119.00	97.38	*						

- Sizes on demand

Available materials:

(Item-no. = 4. Block figure 1-3)

Item-No.	Mesh
0000	400µm Standard
0100	100µm
0200	200µm
0800	800µm
1000	1000µm

Available materials for Inline Flow indicator:

(Item-no. = 4. Block figure 1-3)

Item-No.	Material
030	1.4435 BN2
045	1.4539
060	2.4602 Hastelloy
070	Titan Grade 2
	Sieb generell: 1.4404 (316)

Available surface qualities:

(Item-No. = 4. Block figure 4)

Item-No.	Medium contacted surface
0	machined surface Ra<=0,6µm
1	electro polished Ra<=0,5µm
2	electro polished Ra<=0,25µm

Note: Actual data to collect at [www.elpotech.de](http://www.elpotech.de). Specifications and design are subject to change without notice. Date of revision: 05/2018