
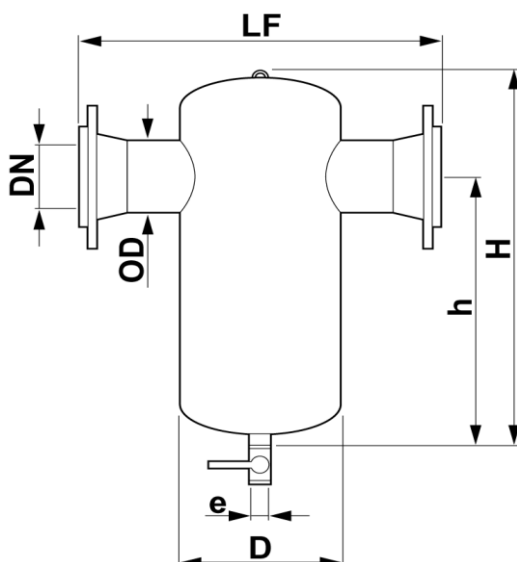

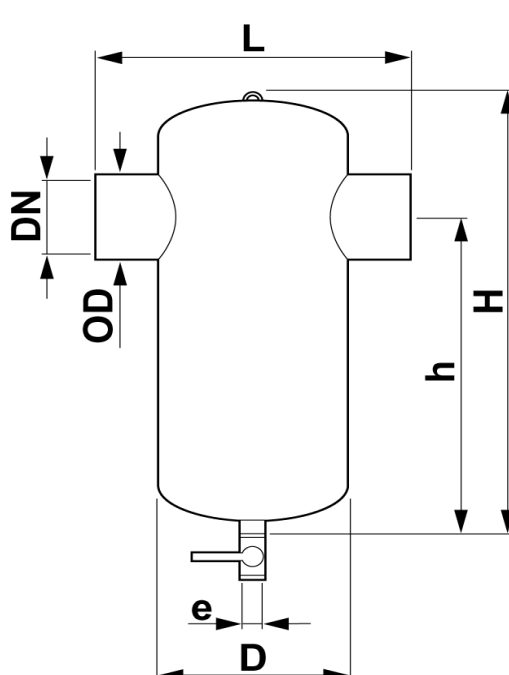

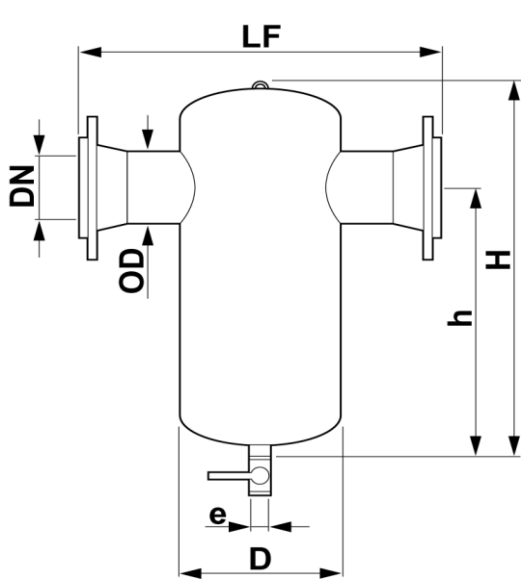

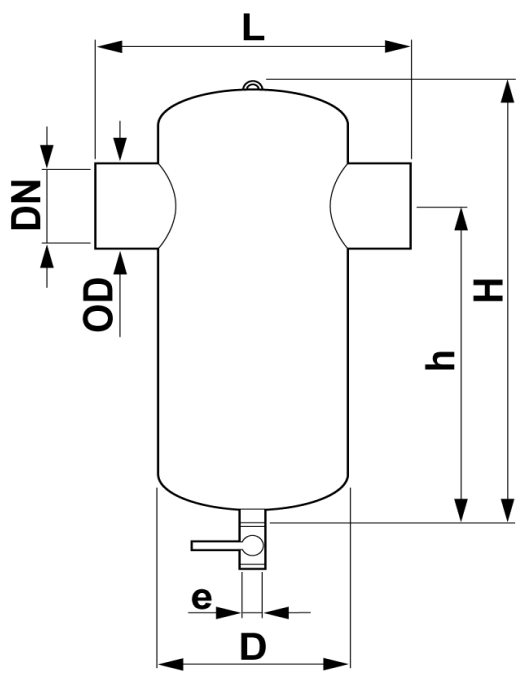

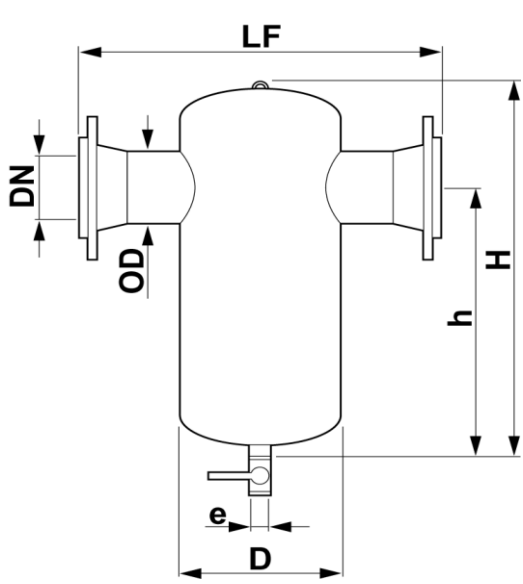



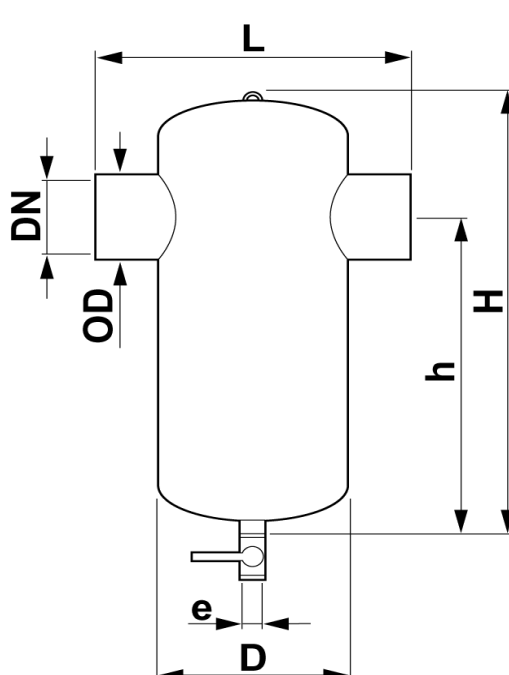
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 50 Flanged end		Type: BE050F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 12,5 m <sup>3</sup> /h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 2,9 kPa Flow: 40,0 m <sup>3</sup> /h Δp at flow: 29,9 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN: 50 mm OD: 60,3 mm H: 395 mm h: 270 mm D: 159 mm LF: 350 mm e: 1"	
		Volume: 5 ltr Dry weight (approx): 13 kg	
Subject to changes			


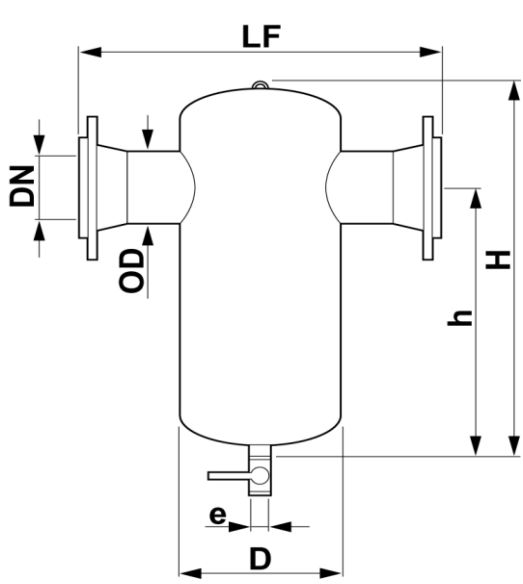
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 50 Weld end		Type: BE050L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 12,5 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 2,9 kPa Flow: 40,0 m3/h Δp at flow: 29,9 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 50 mm OD 60,3 mm H 395 mm h 270 mm D 159 mm L 260 mm e 1"	
		Volume: 5 ltr Dry weight (approx): 9 kg	
Subject to changes			


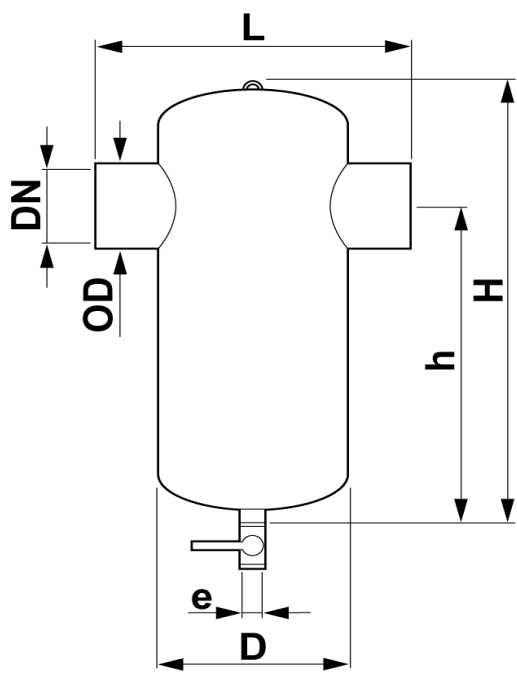
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 65 Flanged end		Type: BE065F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 20,0 m <sup>3</sup> /h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,0 kPa Flow: 40,0 m <sup>3</sup> /h Δp at flow: 11,9 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN: 65 mm OD: 76,1 mm H: 395 mm h: 260 mm D: 159 mm LF: 350 mm e: 1"	
		Volume: 5 ltr Dry weight (approx): 15 kg	
Subject to changes			

<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 65 Weld end		Type: BE065L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 20,0 m <sup>3</sup> /h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,0 kPa Flow: 40,0 m <sup>3</sup> /h Δp at flow: 11,9 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 65 mm OD 76,1 mm H 395 mm h 260 mm D 159 mm L 260 mm e 1"	
		Volume: 5 ltr Dry weight (approx): 9 kg	
Subject to changes			


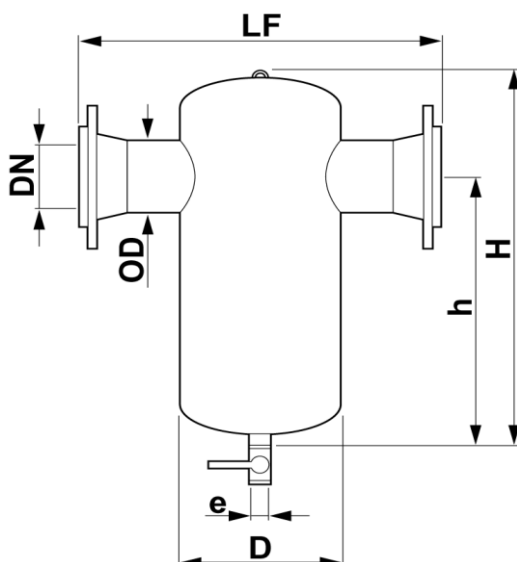
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 80 Flanged end		Type: BE080F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 27,0 m <sup>3</sup> /h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,1 kPa Flow: 40,0 m <sup>3</sup> /h Δp at flow: 6,8 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7			
Test medium: Air			
Test certificate: no			
Design and manufacturing acc. 97/23/EC: yes			
Material certificates (structural parts): no			
Drawing: no			
Weld procedures: no			
Nondestructive Testing (X-ray: 10%): no			
Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37)		DN 80 mm	
Connections: S235 JR G2 (St.37)		OD 88,9 mm	
Fittings: S235 JR G2 (St.37)		H 515 mm	
Flanges (DIN 2633 PN16): C22.8		h 355 mm	
Heads: S235 JR G2 (St.37)		D 219 mm	
Spirotube Tube: S235 JR G2 (St.37)		LF 470 mm	
Wire: Copper		e 1"	
Solder: Tin(SnCu3)			
Paint: Standard			
Color: Yellow (RAL 1003)			
Drain valve: Nickered brass		Volume: 17 ltr	
		Dry weight (approx): 25 kg	
		Subject to changes	


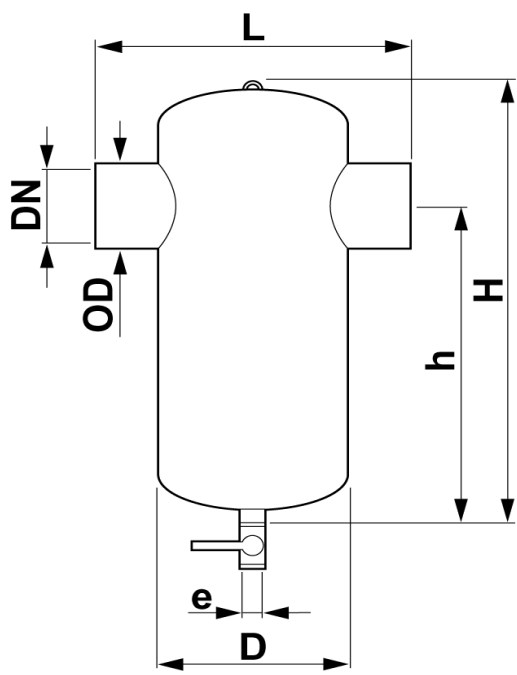
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 80 Weld end		Type: BE080L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 27,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,1 kPa Flow: 40,0 m3/h Δp at flow: 6,8 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 80 mm OD 88,9 mm H 515 mm h 355 mm D 219 mm L 370 mm e 1"	
		Volume: 17 ltr Dry weight (approx): 17 kg	
Subject to changes			


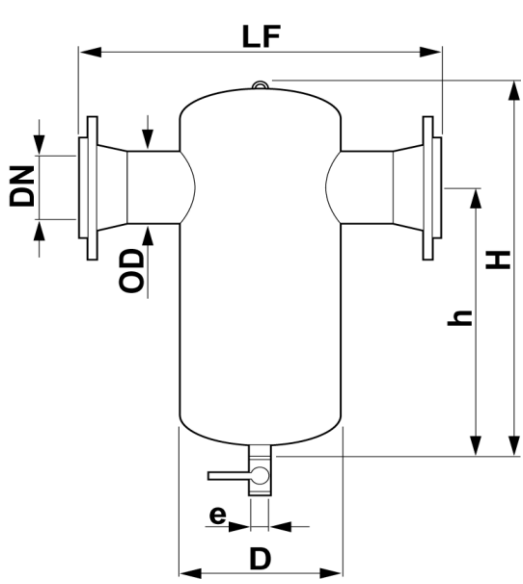
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 100 Flanged end		Type: BE100F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 47,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,7 kPa Flow: 40,0 m3/h Δp at flow: 2,7 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 100 mm OD 114,3 mm H 515 mm h 345 mm D 219 mm LF 475 mm e 1"	
		Volume: 17 ltr Dry weight (approx): 26 kg	
Subject to changes			


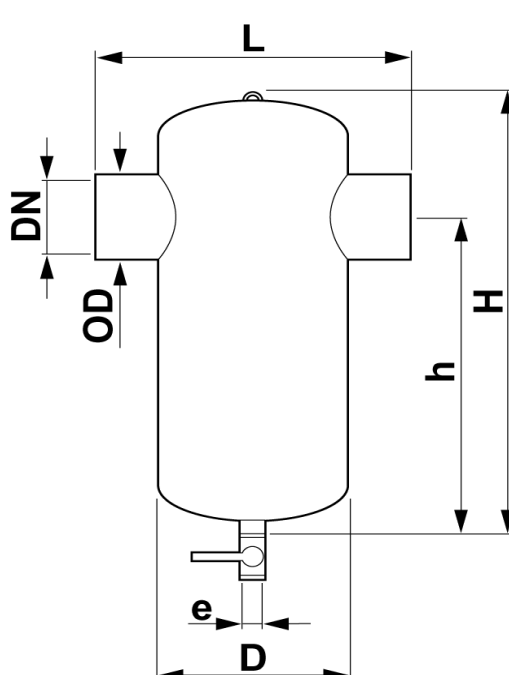
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 100 Weld end		Type: BE100L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 47,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 3,7 kPa Flow: 40,0 m3/h Δp at flow: 2,7 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 100 mm OD 114,3 mm H 515 mm h 345 mm D 219 mm L 370 mm e 1"	
		Volume: 17 ltr Dry weight (approx): 17 kg	
Subject to changes			


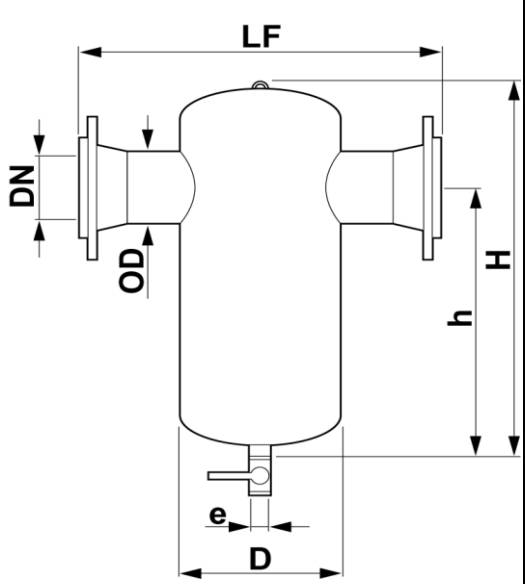



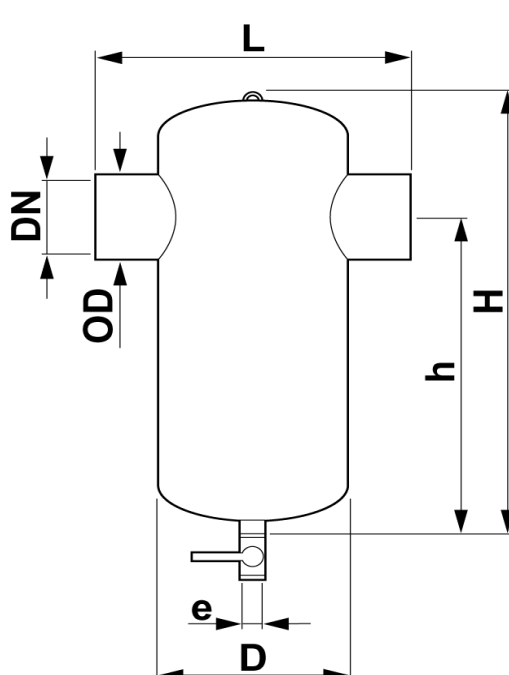
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 125 Flanged end		Type: BE125F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 72,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 4,2 kPa Flow: 40,0 m3/h Δp at flow: 1,3 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN: 125 mm OD: 139,7 mm H: 690 mm h: 475 mm D: 324 mm LF: 635 mm e: 1"	
		Volume: 50 ltr Dry weight (approx): 54 kg	
Subject to changes			


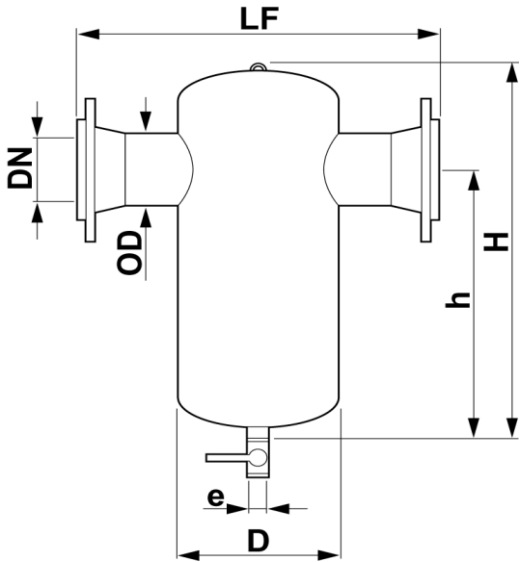
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 125 Weld end		Type: BE125L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	72,0 m3/h		
Max. pressure:	10 bar-g		
Max. temperature:	110 °C		
$\Delta p$ at max. flow:	4,2 kPa		
Flow:	40,0 m3/h		
$\Delta p$ at flow:	1,3 kPa		
Design standard:	EN 13445		
<b>Testing and quality assurance</b>			
Test pressure (bar):	7		
Test medium:	Air		
Test certificate:	no		
Design and manufacturing acc. 97/23/EC:	yes		
Material certificates (structural parts):	no		
Drawing:	no		
Weld procedures:	no		
Nondestructive Testing (X-ray: 10%):	no		
Notified body inspection:	no		
<b>Construction materials</b>		<b>Dimensions:</b>	
Body:	S235 JR G2 (St.37)	DN	125 mm
Connections:	S235 JR G2 (St.37)	OD	139,7 mm
Fittings:	S235 JR G2 (St.37)	H	690 mm
Heads:	S235 JR G2 (St.37)	h	475 mm
Spirotube Tube:	S235 JR G2 (St.37)	D	324 mm
Wire:	Copper	L	525 mm
Solder:	Tin(SnCu3)	e	1"
Paint:	Standard		
Color:	Yellow (RAL 1003)		
Drain valve:	Nickeled brass	Volume:	50 ltr
		Dry weight (approx):	41 kg
Subject to changes			


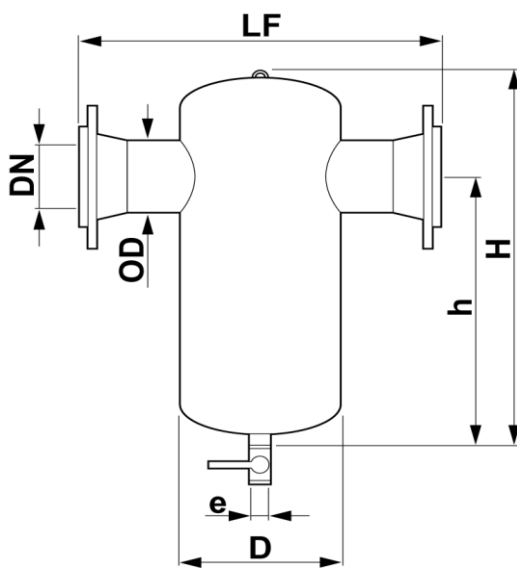
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 150 Flanged end		Type: BE150F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 108,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 4,9 kPa Flow: 40,0 m3/h Δp at flow: 0,7 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 150 mm OD 168,3 mm H 690 mm h 460 mm D 324 mm LF 635 mm e 1"	
		Volume: 50 ltr Dry weight (approx): 56 kg	
Subject to changes			

<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 150 Weld end		Type: BE150L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 108,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 4,9 kPa Flow: 40,0 m3/h Δp at flow: 0,7 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 150 mm OD 168,3 mm H 690 mm h 460 mm D 324 mm L 525 mm e 1"	
		Volume: 50 ltr Dry weight (approx): 42 kg	
Subject to changes			


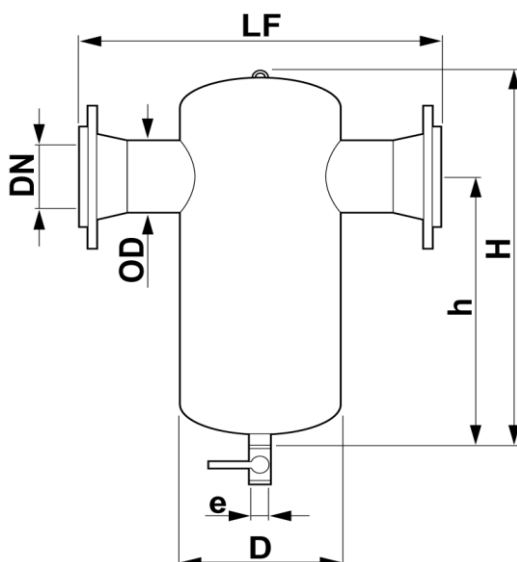
<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 200 Flanged end		Type: BE200F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 180,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 5,8 kPa Flow: 40,0 m3/h Δp at flow: 0,3 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN: 200 mm OD: 219,1 mm H: 900 mm h: 615 mm D: 406 mm LF: 775 mm e: 1"	
		Volume: 105 ltr Dry weight (approx): 105 kg	
Subject to changes			

<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 200 Weld end		Type: BE200L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 180,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 5,8 kPa Flow: 40,0 m3/h Δp at flow: 0,3 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN 200 mm OD 219,1 mm H 900 mm h 615 mm D 406 mm L 650 mm e 1"	
		Volume: 105 ltr Dry weight (approx): 83 kg	
Subject to changes			

<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 250 Flanged end		Type: BE250F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 288,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 7,0 kPa Flow: 40,0 m3/h Δp at flow: 0,1 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7			
Test medium: Air			
Test certificate: no			
Design and manufacturing acc. 97/23/EC: yes			
Material certificates (structural parts): no			
Drawing: no			
Weld procedures: no			
Nondestructive Testing (X-ray: 10%): no			
Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37)		DN 250 mm	
Connections: S235 JR G2 (St.37)		OD 273 mm	
Fittings: S235 JR G2 (St.37)		H 1145 mm	
Flanges (DIN 2633 PN16): C22.8		h 800 mm	
Heads: S235 JR G2 (St.37)		D 508 mm	
Spirotube Tube: S235 JR G2 (St.37)		LF 890 mm	
Wire: Copper		e 2"	
Solder: Tin(SnCu3)			
Paint: Standard			
Color: Yellow (RAL 1003)			
Drain valve: Nickered brass		Volume: 210 ltr	
		Dry weight (approx): 170 kg	
		Subject to changes	

<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap Flanged end		Type:	
Customer:		Date:	16-3-2016
Project:			
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	288,0 m <sup>3</sup> /h		
Max. pressure:	10 bar-g		
Max. temperature:	110 °C		
Δp at max. flow:	7,0 kPa		
Flow:	40,0 m <sup>3</sup> /h		
Δp at flow:	0,1 kPa		
Design standard:	EN 13445		
<b>Testing and quality assurance</b>			
Test pressure (bar):	7		
Test medium:	Air		
Test certificate:	no		
Design and manufacturing acc. 97/23/EC:	yes		
Material certificates (structural parts):	no		
Drawing:	no		
Weld procedures:	no		
Nondestructive Testing (X-ray: 10%):	no		
Notified body inspection:	no		
<b>Construction materials</b>		<b>Dimensions:</b>	
Body:	S235 JR G2 (St.37)	DN	mm
Connections:	S235 JR G2 (St.37)	OD	mm
Fittings:	S235 JR G2 (St.37)	H	mm
Flanges (DIN 2633 PN16):	C22.8	h	mm
Heads:	S235 JR G2 (St.37)	D	mm
Spirotube Tube:	S235 JR G2 (St.37)	LF	mm
Wire:	Copper	e	
Solder:	Tin(SnCu3)		
Paint:	Standard		
Color:	Yellow (RAL 1003)		
Drain valve:	Nickeled brass	Volume:	ltr
		Dry weight (approx):	kg
		Subject to changes	



<b>SPIROTECH SPECIFICATION SHEET</b>		<b>SPIROTECH</b> 	
Version 16.1 / BDB			
Product: SpiroTrap DN 300 Flanged end		Type: BE300F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
<b>Design criteria</b>		<b>Drawing:</b>	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 405,0 m3/h Max. pressure: 10 bar-g Max. temperature: 110 °C Δp at max. flow: 7,8 kPa Flow: 40,0 m3/h Δp at flow: 0,1 kPa Design standard: EN 13445			
<b>Testing and quality assurance</b>			
Test pressure (bar): 7 Test medium: Air Test certificate: no Design and manufacturing acc. 97/23/EC: yes Material certificates (structural parts): no Drawing: no Weld procedures: no Nondestructive Testing (X-ray: 10%): no Notified body inspection: no			
<b>Construction materials</b>		<b>Dimensions:</b>	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Flanges (DIN 2633 PN16): C22.8 Heads: S235 JR G2 (St.37) Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003) Drain valve: Nickered brass		DN: 300 mm OD: 323,9 mm H: 1360 mm h: 955 mm D: 610 mm LF: 1005 mm e: 2"	
		Volume: 350 ltr Dry weight (approx): 250 kg	
Subject to changes			

**SPIROTECH SPECIFICATION SHEET**

Version 16.1 / BDB

Product: SpiroTrap

Type:

Flanged end

Customer:

Project:

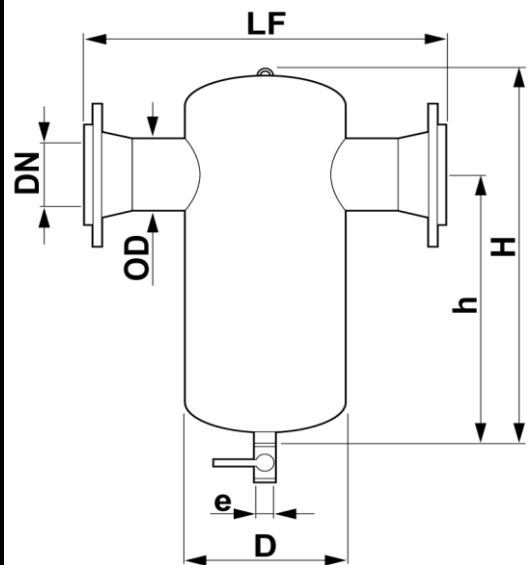
Date:

16-3-2016

Reference:

**Design criteria**

Medium: Water / glycol (max 50%)  
 Max. flow velocity: 1,5 m/s  
 Max. flow rate: 405,0 m<sup>3</sup>/h  
 Max. pressure: 10 bar-g  
 Max. temperature: 110 °C  
 $\Delta p$  at max. flow: 7,8 kPa  
 Flow: 40,0 m<sup>3</sup>/h  
 $\Delta p$  at flow: 0,1 kPa  
 Design standard: EN 13445

**Drawing:****Testing and quality assurance**

Test pressure (bar): 7  
 Test medium: Air  
 Test certificate: no  
 Design and manufacturing acc. 97/23/EC: yes  
 Material certificates (structural parts): no  
 Drawing: no  
 Weld procedures: no  
 Nondestructive Testing (X-ray: 10%): no  
 Notified body inspection: no

**Construction materials**

Body: S235 JR G2 (St.37)  
 Connections: S235 JR G2 (St.37)  
 Fittings: S235 JR G2 (St.37)  
 Flanges (DIN 2633 PN16): C22.8  
 Heads: S235 JR G2 (St.37)  
 Spirotube Tube: S235 JR G2 (St.37)  
 Wire: Copper  
 Solder: Tin(SnCu3)  
 Paint: Standard  
 Color: Yellow (RAL 1003)  
 Drain valve: Nickered brass

**Dimensions:**

DN mm  
 OD mm  
 H mm  
 h mm  
 D mm  
 LF mm  
 e mm

Volume: ltr  
 Dry weight (approx): kg

Subject to changes