

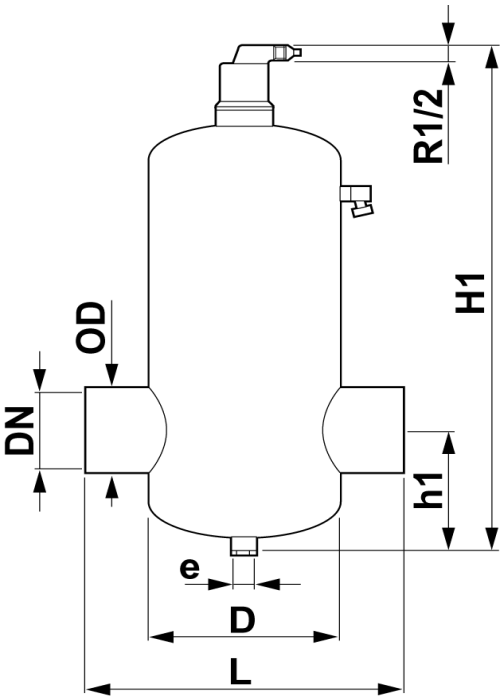

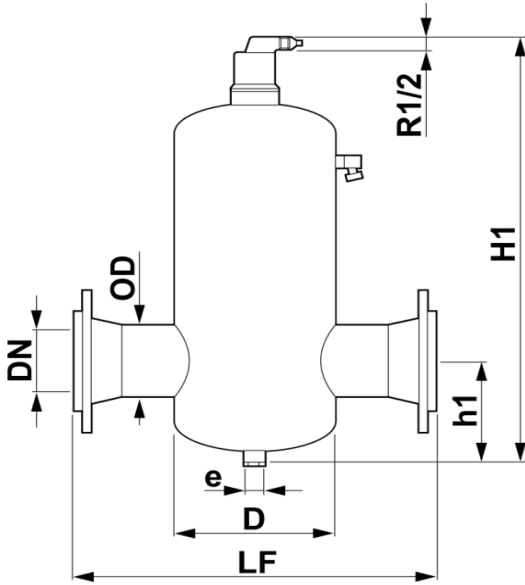

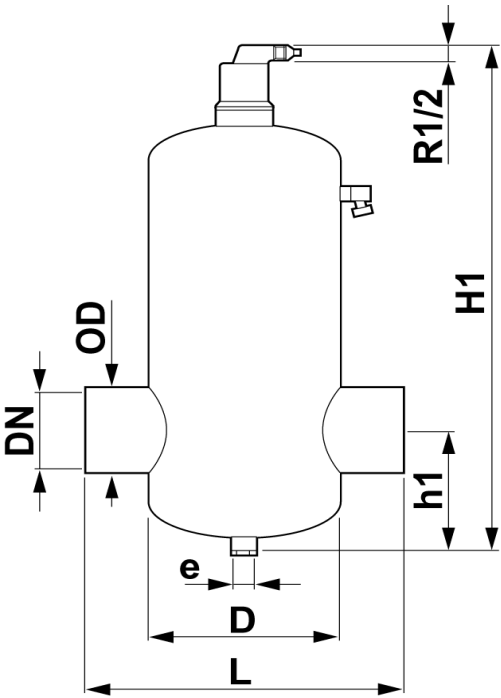

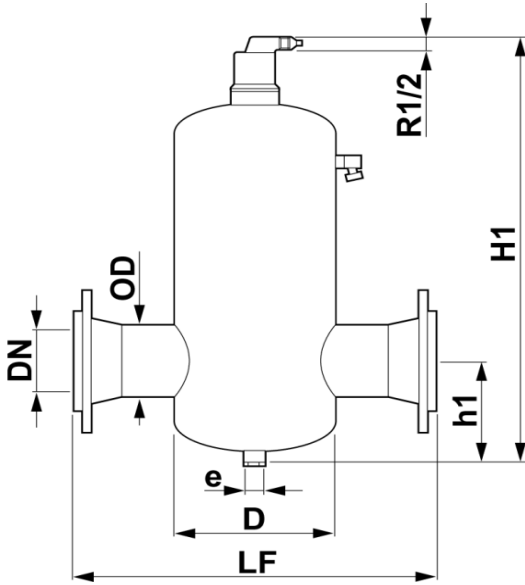



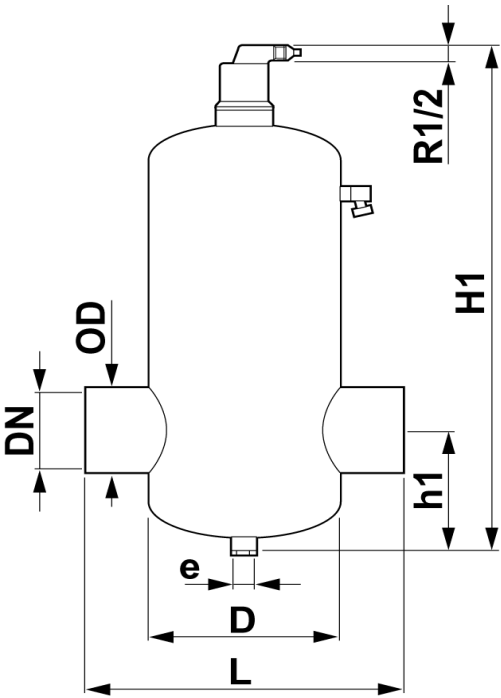
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 50 Flanged end		Type: BA050F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%)			
Max. flow velocity: 1,5 m/s			
Max. flow rate: 12,5 m3/h			
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			
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		Dimensions:	
Body: S235 JR G2 (St.37)		DN 50 mm	
Connections: S235 JR G2 (St.37)		OD 60,3 mm	
Fittings: S235 JR G2 (St.37)		H1 470 mm	
Flanges (DIN 2633 PN16): C22.8		h1 115 mm	
Heads: S235 JR G2 (St.37)		D 159 mm	
Deaeration cap: Brass		LF 350 mm	
Valve sealing: Viton		e 1/2"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 5 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 14 kg	
Subject to changes			


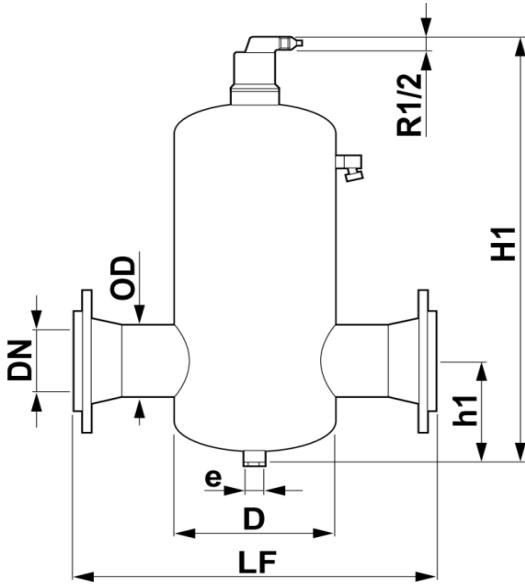
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 50 Weld end		Type: BA050L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	12,5 m ³ /h		
Max. pressure:	10 bar-g		
Max. temperature:	110 °C		
Δp at max. flow:	2,9 kPa		
Flow:	40,0 m ³ /h		
Δp at flow:	29,9 kPa		
Design standard:	EN 13445		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	50 mm
Connections:	S235 JR G2 (St.37)	OD	60,3 mm
Fittings:	S235 JR G2 (St.37)	H1	470 mm
Heads:	S235 JR G2 (St.37)	h1	115 mm
Deaeration cap:	Brass	D	159 mm
Valve sealing:	Viton	L	260 mm
Float:	PP	e	½"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	5 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	9 kg
		Subject to changes	


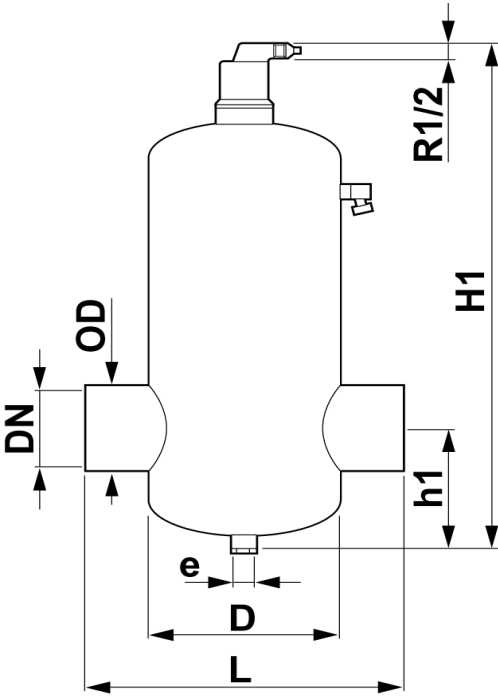
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 65 Flanged end		Type: BA065F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%)			
Max. flow velocity: 1,5 m/s			
Max. flow rate: 20,0 m3/h			
Max. pressure: 10 bar-g			
Max. temperature: 110 °C			
Δp at max. flow: 3,0 kPa			
Flow: 40,0 m3/h			
Δp at flow: 11,9 kPa			
Design standard: EN 13445			
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		Dimensions:	
Body: S235 JR G2 (St.37)		DN 65 mm	
Connections: S235 JR G2 (St.37)		OD 76,1 mm	
Fittings: S235 JR G2 (St.37)		H1 470 mm	
Flanges (DIN 2633 PN16): C22.8		h1 125 mm	
Heads: S235 JR G2 (St.37)		D 159 mm	
Deaeration cap: Brass		LF 350 mm	
Valve sealing: Viton		e 1/2"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 5 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 15 kg	
Subject to changes			


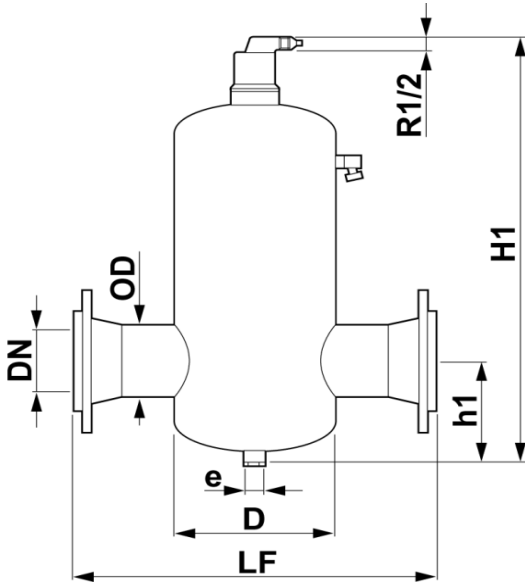
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 65 Weld end		Type: BA065L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	20,0 m ³ /h		
Max. pressure:	10 bar-g		
Max. temperature:	110 °C		
Δp at max. flow:	3,0 kPa		
Flow:	40,0 m ³ /h		
Δp at flow:	11,9 kPa		
Design standard:	EN 13445		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	65 mm
Connections:	S235 JR G2 (St.37)	OD	76,1 mm
Fittings:	S235 JR G2 (St.37)	H1	470 mm
Heads:	S235 JR G2 (St.37)	h1	125 mm
Deaeration cap:	Brass	D	159 mm
Valve sealing:	Viton	L	260 mm
Float:	PP	e	½"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	5 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	9 kg
		Subject to changes	


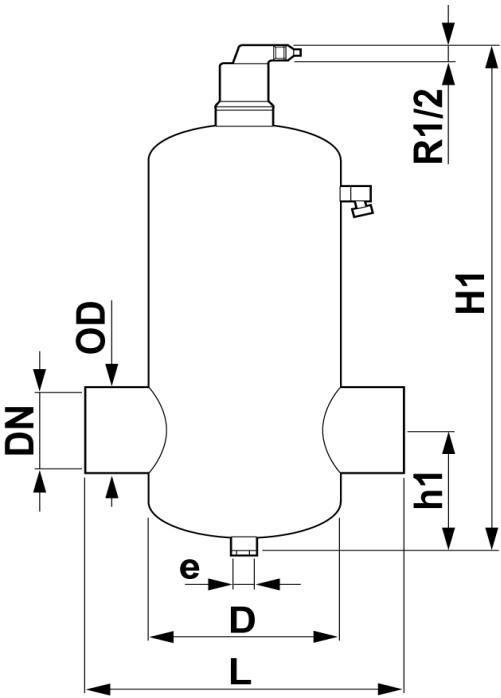
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 80 Flanged end		Type: BA080F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%)			
Max. flow velocity: 1,5 m/s			
Max. flow rate: 27,0 m3/h			
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			
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		Dimensions:	
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)		H1 590 mm	
Flanges (DIN 2633 PN16): C22.8		h1 150 mm	
Heads: S235 JR G2 (St.37)		D 219 mm	
Deaeration cap: Brass		LF 470 mm	
Valve sealing: Viton		e 1/2"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 17 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 25 kg	
Subject to changes			


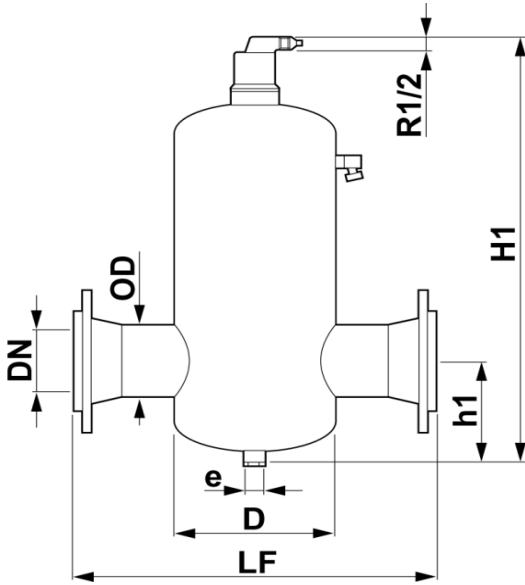
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 80 Weld end		Type: BA080L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 27,0 m3/h Max. pressure: 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			
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		Dimensions:	
Body: S235 JR G2 (St.37) Connections: S235 JR G2 (St.37) Fittings: S235 JR G2 (St.37) Heads: S235 JR G2 (St.37) Deaeration cap: Brass Valve sealing: Viton Float: PP Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003)		DN: 80 mm OD: 88,9 mm H1: 590 mm h1: 150 mm D: 219 mm L: 370 mm e: 1/2"	
		Volume: 17 ltr Dry weight (approx): 18 kg	
Subject to changes			


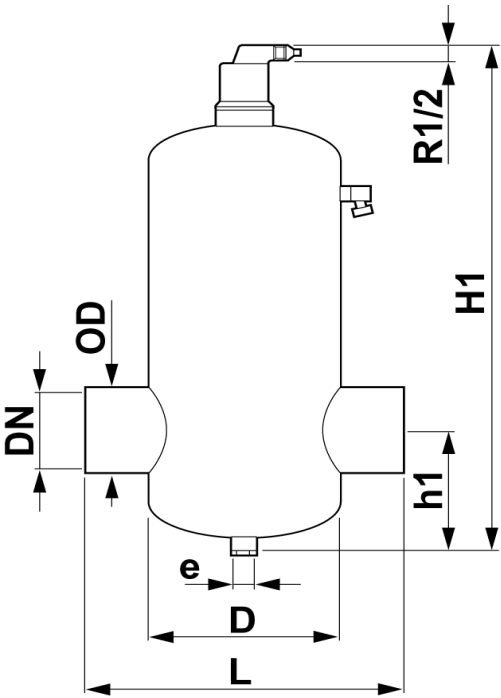
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 100 Flanged end		Type: BA100F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 47,0 m3/h Max. 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			
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		Dimensions:	
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) Deaeration cap: Brass Valve sealing: Viton Float: PP Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003)		DN: 100 mm OD: 114,3 mm H1: 590 mm h1: 160 mm D: 219 mm LF: 475 mm e: 1/2"	
		Volume: 17 ltr Dry weight (approx): 27 kg	
Subject to changes			


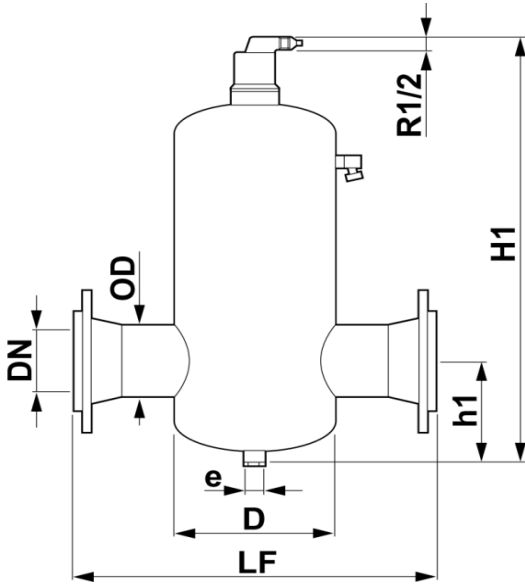
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 100 Weld end		Type: BA100L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%)			
Max. flow velocity: 1,5 m/s			
Max. flow rate: 47,0 m3/h			
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			
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		Dimensions:	
Body: S235 JR G2 (St.37)		DN 100 mm	
Connections: S235 JR G2 (St.37)		OD 114,3 mm	
Fittings: S235 JR G2 (St.37)		H1 590 mm	
Heads: S235 JR G2 (St.37)		h1 160 mm	
Deaeration cap: Brass		D 219 mm	
Valve sealing: Viton		L 370 mm	
Float: PP		e 1/2"	
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 17 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 18 kg	
Subject to changes			


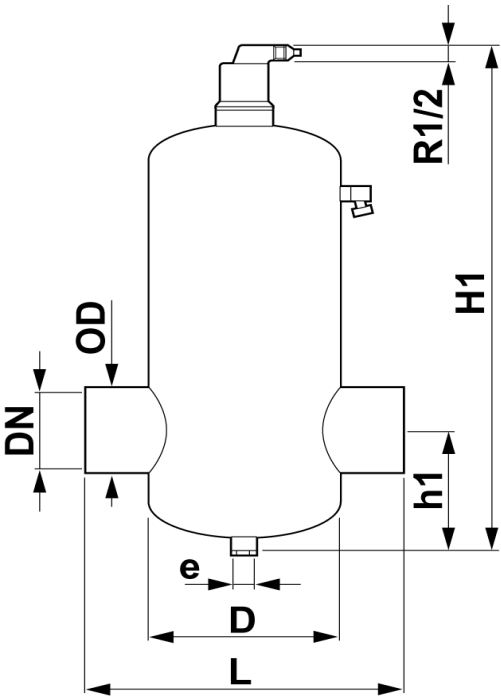
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 125 Flanged end		Type: BA125F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%)			
Max. flow velocity: 1,5 m/s			
Max. flow rate: 72,0 m3/h			
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			
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		Dimensions:	
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)		H1 765 mm	
Flanges (DIN 2633 PN16): C22.8		h1 205 mm	
Heads: S235 JR G2 (St.37)		D 324 mm	
Deaeration cap: Brass		LF 635 mm	
Valve sealing: Viton		e 1/2"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 50 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 54 kg	
Subject to changes			


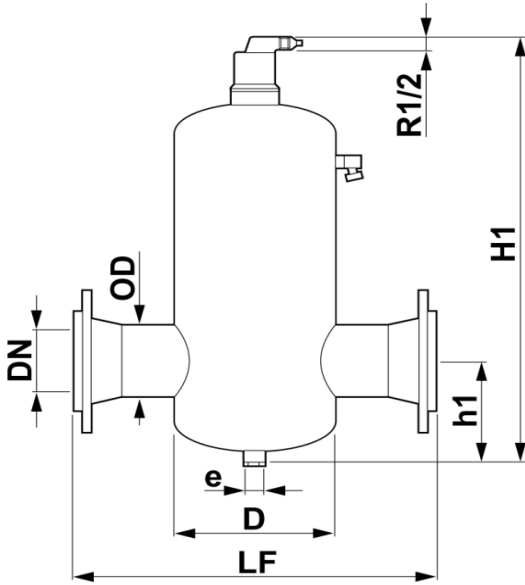
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 125 Weld end		Type: BA125L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	72,0 m3/h		
Max. 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		
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		Dimensions:	
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)	H1	765 mm
Heads:	S235 JR G2 (St.37)	h1	205 mm
Deaeration cap:	Brass	D	324 mm
Valve sealing:	Viton	L	525 mm
Float:	PP	e	1/2"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	50 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	42 kg
		Subject to changes	


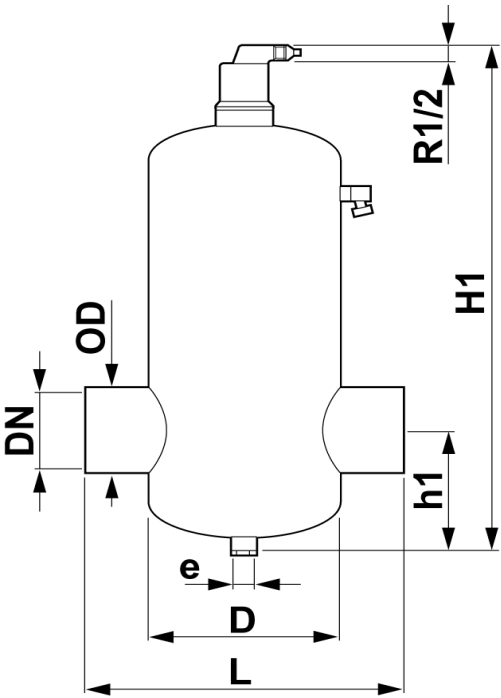
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 150 Flanged end		Type: BA150F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	108,0 m3/h		
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		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	150 mm
Connections:	S235 JR G2 (St.37)	OD	168,3 mm
Fittings:	S235 JR G2 (St.37)	H1	765 mm
Flanges (DIN 2633 PN16):	C22.8	h1	220 mm
Heads:	S235 JR G2 (St.37)	D	324 mm
Deaeration cap:	Brass	LF	635 mm
Valve sealing:	Viton	e	1/2"
Float:	PP		
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	50 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	54 kg
		Subject to changes	


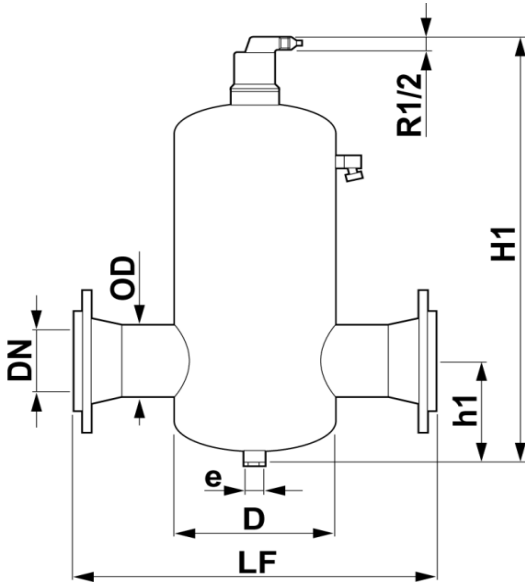
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 150 Weld end		Type: BA150L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium:	Water / glycol (max 50%)		
Max. flow velocity:	1,5 m/s		
Max. flow rate:	108,0 m3/h		
Max. 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		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	150 mm
Connections:	S235 JR G2 (St.37)	OD	168,3 mm
Fittings:	S235 JR G2 (St.37)	H1	765 mm
Heads:	S235 JR G2 (St.37)	h1	220 mm
Deaeration cap:	Brass	D	324 mm
Valve sealing:	Viton	L	525 mm
Float:	PP	e	½"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	50 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	42 kg
		Subject to changes	


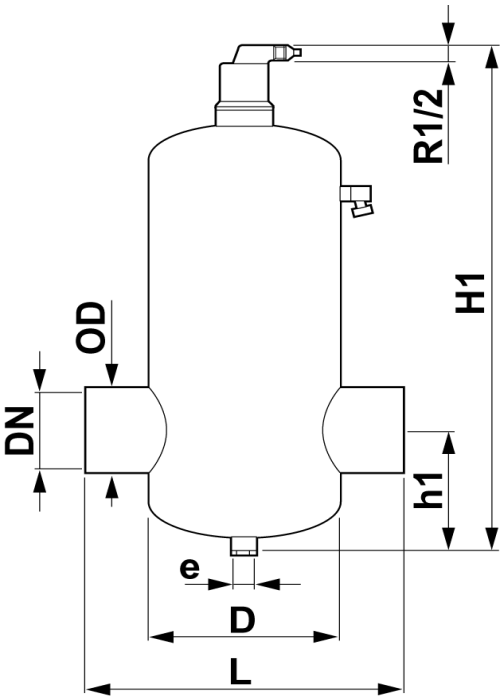
SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 200 Flanged end		Type: BA200F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
Medium: Water / glycol (max 50%) Max. flow velocity: 1,5 m/s Max. flow rate: 180,0 m3/h Max. 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			
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		Dimensions:	
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) Deaeration cap: Brass Valve sealing: Viton Float: PP Spirotube Tube: S235 JR G2 (St.37) Wire: Copper Solder: Tin(SnCu3) Paint: Standard Color: Yellow (RAL 1003)		DN: 200 mm OD: 219,1 mm H1: 975 mm h1: 275 mm D: 406 mm LF: 775 mm e: 1"	
		Volume: 105 ltr Dry weight (approx): 106 kg	
Subject to changes			

SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 200 Weld end		Type: BA200L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
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		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	200 mm
Connections:	S235 JR G2 (St.37)	OD	219,1 mm
Fittings:	S235 JR G2 (St.37)	H1	975 mm
Heads:	S235 JR G2 (St.37)	h1	275 mm
Deaeration cap:	Brass	D	406 mm
Valve sealing:	Viton	L	650 mm
Float:	PP	e	1"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	105 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	84 kg
		Subject to changes	

SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 250 Flanged end		Type: BA250F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
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			
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		Dimensions:	
Body: S235 JR G2 (St.37)		DN 250 mm	
Connections: S235 JR G2 (St.37)		OD 273 mm	
Fittings: S235 JR G2 (St.37)		H1 1215 mm	
Flanges (DIN 2633 PN16): C22.8		h1 330 mm	
Heads: S235 JR G2 (St.37)		D 508 mm	
Deaeration cap: Brass		LF 890 mm	
Valve sealing: Viton		e 1"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 210 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 170 kg	
Subject to changes			

SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 250 Weld end		Type: BA250L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
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		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	250 mm
Connections:	S235 JR G2 (St.37)	OD	273 mm
Fittings:	S235 JR G2 (St.37)	H1	1215 mm
Heads:	S235 JR G2 (St.37)	h1	330 mm
Deaeration cap:	Brass	D	508 mm
Valve sealing:	Viton	L	750 mm
Float:	PP	e	1"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	210 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	135 kg
		Subject to changes	

SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 300 Flanged end		Type: BA300F	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
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			
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		Dimensions:	
Body: S235 JR G2 (St.37)		DN 300 mm	
Connections: S235 JR G2 (St.37)		OD 323,9 mm	
Fittings: S235 JR G2 (St.37)		H1 1430 mm	
Flanges (DIN 2633 PN16): C22.8		h1 385 mm	
Heads: S235 JR G2 (St.37)		D 610 mm	
Deaeration cap: Brass		LF 1005 mm	
Valve sealing: Viton		e 1"	
Float: PP			
Spirotube Tube: S235 JR G2 (St.37)			
Wire: Copper			
Solder: Tin(SnCu3)			
Paint: Standard		Volume: 350 ltr	
Color: Yellow (RAL 1003)		Dry weight (approx): 250 kg	
Subject to changes			

SPIROTECH SPECIFICATION SHEET		SPIROTECH 	
Version 16.1 / BDB			
Product: SpiroVent deaerator DN 300 Weld end		Type: BA300L	
Customer:			
Project:		Date: 16-3-2016	
Reference:			
Design criteria		Drawing:	
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		
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		Dimensions:	
Body:	S235 JR G2 (St.37)	DN	300 mm
Connections:	S235 JR G2 (St.37)	OD	323,9 mm
Fittings:	S235 JR G2 (St.37)	H1	1430 mm
Heads:	S235 JR G2 (St.37)	h1	385 mm
Deaeration cap:	Brass	D	610 mm
Valve sealing:	Viton	L	850 mm
Float:	PP	e	1"
Spirotube Tube:	S235 JR G2 (St.37)		
Wire:	Copper		
Solder:	Tin(SnCu3)		
Paint:	Standard	Volume:	350 ltr
Color:	Yellow (RAL 1003)	Dry weight (approx):	200 kg
		Subject to changes	