SPIROTECH SPECIFICATION SHEET

Product: SpiroCombi Magnet
DN125 Flanged end

Type: BC125FM
Date: 12/21/2020

Customer:
Project:
Reference:

Design criteria

Medium:	Water / glycol (max 50%)	
Nom. flow velocity:	1.5	m/s
Nom. flow rate:	72.0	m^3/h
Max. pressure:	10	bar-g
Max. temperature:	110	°C
Δp at nom. flow:	4.2	kPa
Design standard:	EN 13445	

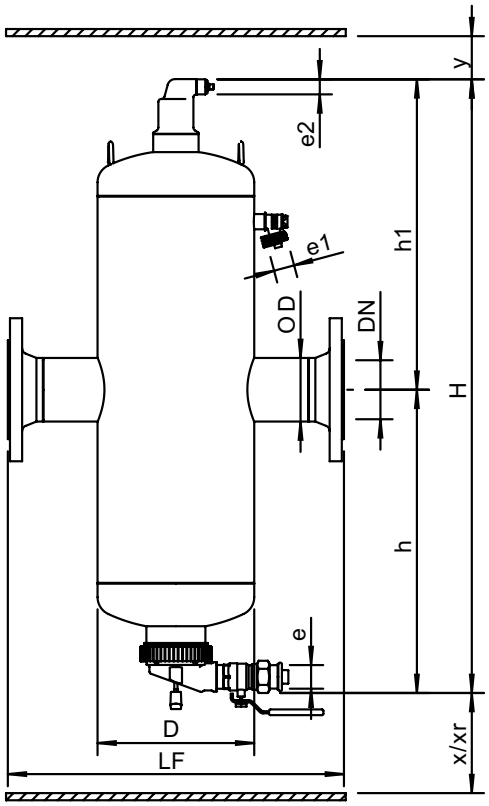
Testing and quality assurance

Test pressure (bar):	7
Test medium:	Air
Test certificate:	no
Design and manufacturing acc. 2014/68/EU:	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 (EN 1092-1 PN16):	P250GH
Heads:	S235 JR G2 (St.37)
Deaeration cap:	Brass
Valve sealing:	Viton
Float:	PP
Spirotube Tube:	S235 JR G2 (St.37)
Spirotube Wire:	Copper
Spirotube Solder:	Tin(SnCu3)
Paint:	Standard
Color:	Yellow (RAL 1003)
Dry Pocket:	Copper, Brass
Magnet:	Neodymium
Drain valve:	Nickeled brass

Drawing



Dimensions

DN:	125
OD:	139.7 mm
H:	1149 mm
h:	590 mm
h1:	559 mm
D:	324 mm
LF:	635 mm
e:	Rp1
e1:	G3/4
e2:	R1/2
x:	>100 mm
y:	>50 mm
Xr:	>510 mm
Volume:	50 ltr
Dry weight (approx):	71 kg

Subject to changes