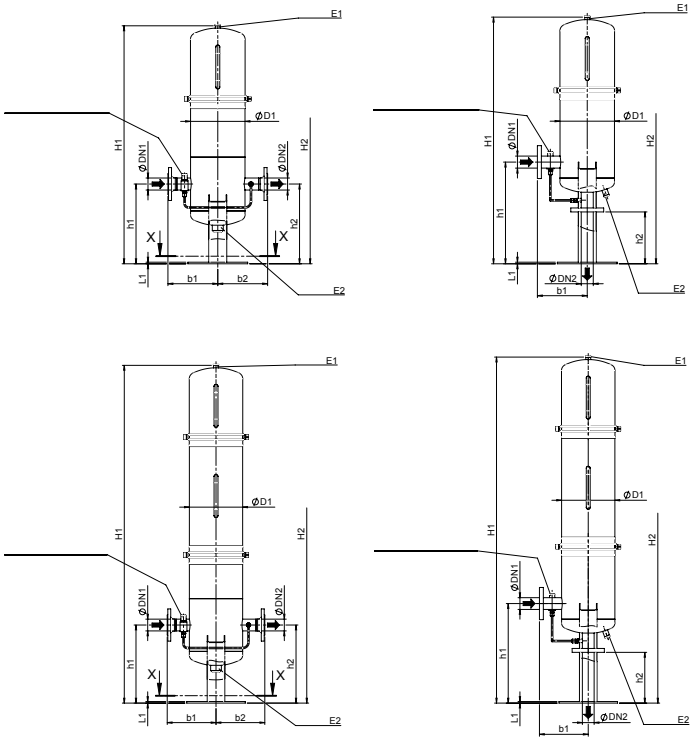
PLF1 Process Inline Filter

145 psi
10 bar
Or
230 psi
16 bar



NOTES:
1. Top row represents the 10 bar version | In-line (1-stage). Bottom row represents the 10 bar version | In-line (2-stage)
2. Drawings of the 16 bar versions, both 1-stage and 2-stage, are also available upon request.

Filter Size	NW1 in (mm)	NW2 in (mm)	H Max. in (mm)	h1 in (mm)	h2 in (mm)	h3 in (mm)	b1 in (mm)	b2 in (mm)	D in (mm)	d1 in (mm)	Installation Height in (mm)
1-stage	5.91 (150)	3.94 (100)	88.98 (2260)	70.28 (17.85)	77.95 (1980)	18.82 (478)	11.18 (284)	17.13 (435)	22.24 (565)	10.75 (273)	51.18 (1300)
2-stage	7.87 (200)	5.91 (150)	101.77 (2585)	78.94 (2005)	88.19 (2240)	22.91 (582)	14.45 (367)	20.24 (514)	26.38 (670)	12.75 (323.9)	40.06 (1170)

Filter Housing Specifications

Filtration Rate:	**1-90** µm
Operating Rate:	**32°F - 194°F (0°C - 90°C)**
Housing Material:	**Stainless Steel - E1 and E2**
Flow Rate:	**881 gpm (4003 L/min)**
Pressure Rating:	**145 or 230 psi (10 or 16 bar)**
Connections Inlet/Outlet:	**6" Flange (DN 150)**
Connection Discharge Line:	**G1" In-Line Version G1/2" Outlet Version Downward**
Filter Area:	**Contact Factory**
Weight:	**132 lbs (60 kg)**
Volume:	**13 gal (50 L)**

How to Build a Valid Model Number for a PLF1:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11	BOX 12	BOX 13
PLF1												

Example: NOTE: One option per box

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8	BOX 9	BOX 10	BOX 11	BOX 12	BOX 13	
PLF1	1	2	9HF	V	E1	S	C	E1	10	N	1	0	= PLF1.129HFVE 1SCE110N10

BOX 1

Filter Series

PLF1

BOX 2

Filter Size

1 = For 9" High Flow or High Load Cascade filter elements
2 = For 6" High Flow filter elements

BOX 3

Filter Housing Length

1 = single-stage
2 = double-stage

BOX 4

Element Type

6HF = 6" filter element diameter High Flow
9HF = 9" filter element diameter High Flow
9HLC = 9" filter element diameter High Load Cascade

BOX 5

Filter Orientation

V = Vertical
H = Horizontal

BOX 6

Housing Material

E1 = Stainless Steel 1.4301
E2 = Stainless Steel 1.4571
SD = Superduplex
D = Duplex
A = w/ ANSI flanges "A" - readjusted additionally
J = w/ JIS flanges "J" - readjusted additionally

BOX 7

Design Code

S = Schroeder Standard
A = ASME VIII Div. 1
U = ASME VIII Div. 1 stamped
E = EN 13445

BOX 8

Connection Code

G2 = Thread G2" (size 2 only)
C = DIN DN 50 / 2" ANSI
E = DIN DN 80 / 3" ANSI (size 1 only)
F = DIN DN 100 / 4" ANSI (size 1 only)
K = DIN DN 150 / 6" ANSI (size 1 only)

BOX 9

Internal Parts

E1 = Stainless steel 1.4301 or similar material (group 304)
E2 = Stainless steel 1.4571 or simliar material (group 316)
SD = Superduplex (on request)
D = Duplex (on request)

BOX 10

Pressure Ranges

10 = PN 10
16 = PN 16

BOX 11

Seal Material

N = NBR
V = FPM (Viton)[1]
E = EPDM

BOX 12

Clogging Indicator

0 = w/o
1 = w/ visual CI (PVD 2B.1)
2 = w/ visual-electric CI (PVD 2D.0/-L24)
3 = V01
4 = Differential pressure gauge aluminum w/ 2 adjustable switching contacts
5 = Differential pressure gauge stainless steel w/ 2 adjustable switching contacts
6 = w/ electric CI (PVD 2C.0)
7 = PVL2GW.0/-V-110
8 = PVL2GW.0/-V-120

BOX 13

Optional Fitting

3 = Air-bleed valve made of stainless steel
4 = Ball valve for draining
5 = Flange
6 = Clamp connection
7 = Special industrial part washers design (TRA)
8 = Including solenoid technology
9 = Heigh adjustable 3 legged base design for PLF1-2-6HF, TRA (Option 7)

[1]For reservoirs made of stainless steel 1.4571 or similar material (group 316), use NBR or EPDM sealing material preferably