

KOW

Oil and Water Separator

DN 15–DN 150

FLANGE IN ACCORDANCE WITH DIN 2635,
PN 40/64

INTERIOR PIPE THREAD G 3/8"–1"

Areas of application

The oil and water separator is used for desaturating compressed air and other industrial gases. The separator ensures trouble-free and rational operation of compressed air and gas consumers by increasing service life and reducing maintenance effort. It is characterized by

- robust and compact design
- proven mode of operation
- maintenance-free operation

Brief description

The separator consists of a welded steel vessel and opposing connections. The drain is attached centrally in the floor of the vessel. In the vessel deflectors divert the flow several times and thus cause a separation of higher density particles. The separated liquids drip onto the deflectors to the floor of the vessel where they be diverted after opening the drain.

Installation

The separator is installed via flanges or pipe unions. Ensure that the standard version of the separator is installed vertically with the drain downward. Incorrect installation can cause separator malfunctions.

Commissioning / operating instructions

1. Close vent
2. Check seals for wear beforehand

KRONE FILTER SOLUTIONS GMBH

Industriestr. 19
28876 Oyten/Germany
Tel: +49 (0)4207 98 769-0
Fax: +49 (0)4207 98 769-27



Germanischer Lloyd



CERTIFICATION:
GL, LR, DNV, ABS

Krone Filter
SOLUTIONS IN FILTRATION

filter@krone-filter.com
www.krone-filter.com

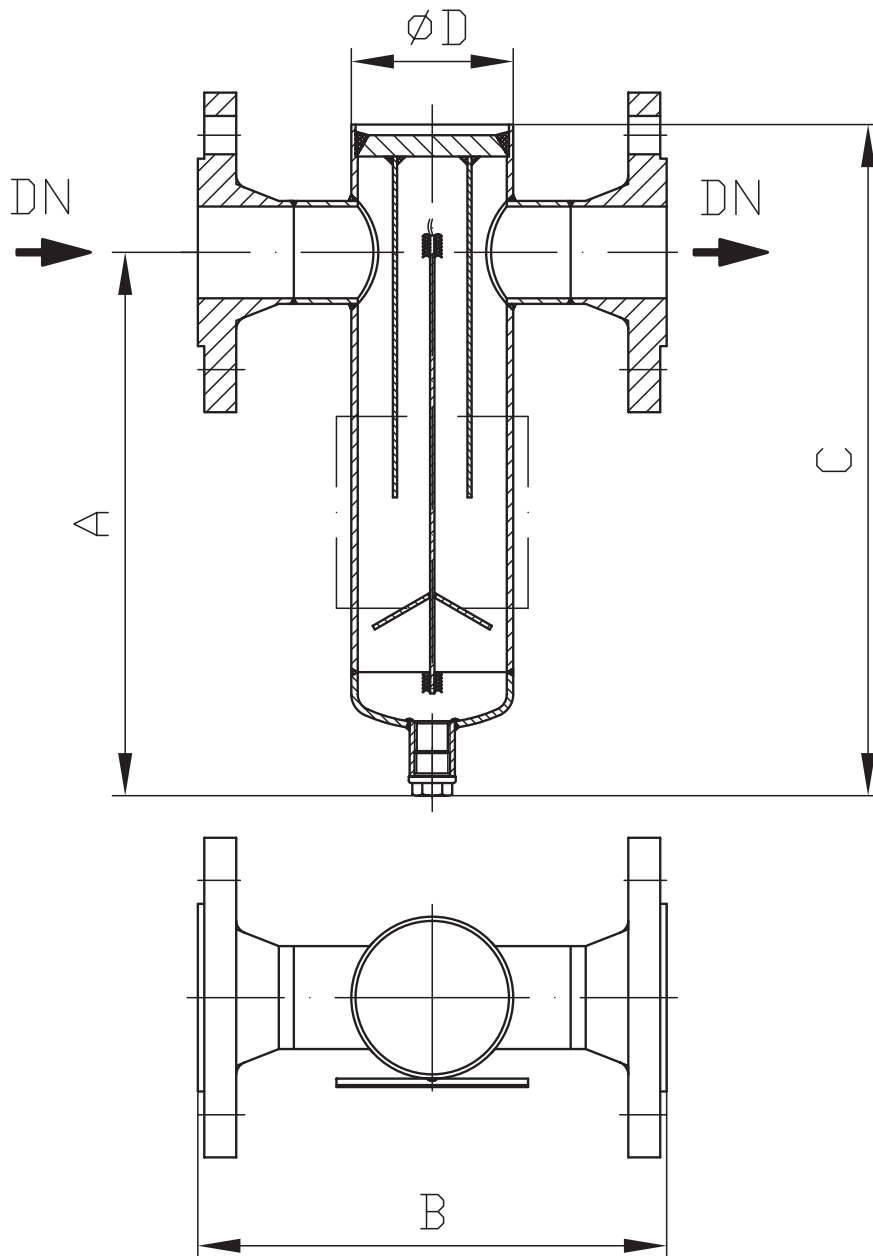


ASME VIII DIV 1, ASME BPVC X or
PED 2014/68/EU (CE), GOST, RTN



Nominal diameter DN		Nominal pressure PN
15 – 150 G 3/8 - 2		40 40
Materials		Special materials
Vessel- upper part	ST. 35.8 / P 265 GH	Other
Flanges		ANSI / JIS
Drain- screw	Ms	S5

Technical data and dimensions



DN	PN	ØD	A	B	C	Flow rate	Weight approximate
mm	bar	mm	mm	mm	mm	m ³ /h	kg
15	30	76	175	200	220	9,6	4
20	30	76	205	200	265	17,4	5
25	30	76	205	200	265	27,0	6
32	30	76	255	220	315	43,2	8
40	30	76	255	220	315	72,0	9
50	30	89	312	230	380	108,0	12
65	30	168	470	360	550	180,0	30
80	30	168	470	370	550	270,0	33
100	30	220	487	440	572	420,0	50
125	30	220	512	446	612	660,0	70
150	30	273	540	500	660	960,0	85