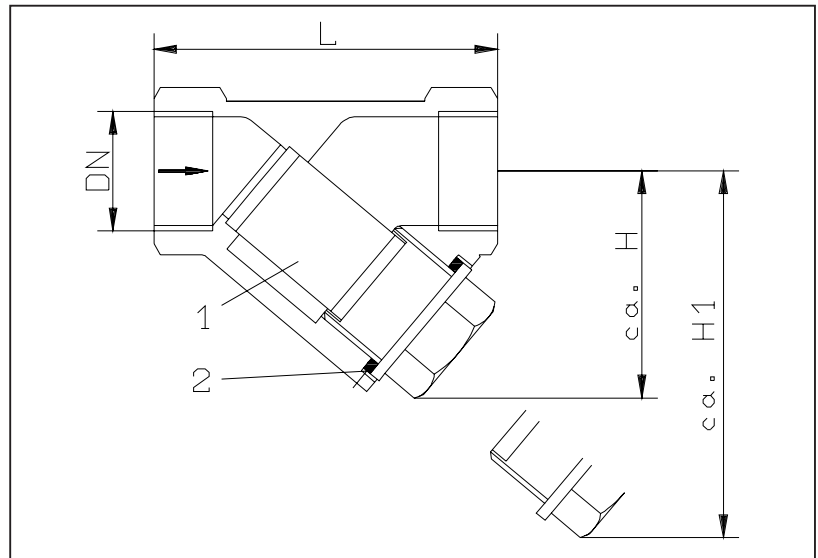


Dirt Trap



Operation & Maintenance Instructions

Read these operation and maintenance instructions before start up!
To be held for future reference.

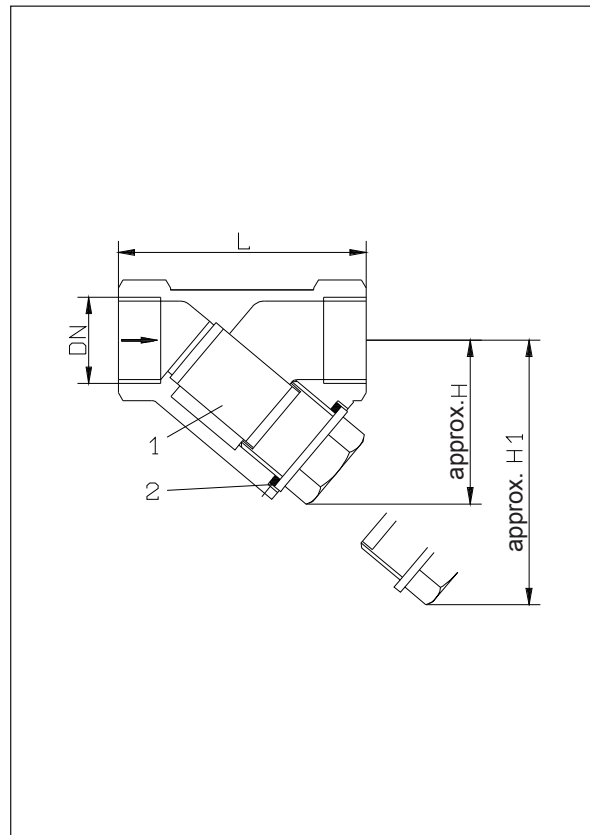
General

For safety reasons, pumps in general and metering pumps in particular should be fitted with a dirt trap in the suction pipe. The dirt trap prevents blocking of the valve function by floating elements and fluffs. It can also be used for the motive water supply of a chlorination plant. In this case a dirt trap must be provided if the ejector is fed directly and without other fittings with the motive water (e.g. pressure reducer combined with dirt trap).

The dirt trap is available in stainless steel as shown here and in plastic as shown on the next page.

Attention!

The dirt trap has to be assembled in such a way that in case of disassembling the accumulated dirt cannot fall back into the pipe.



Construction and connection dimensions PN 16

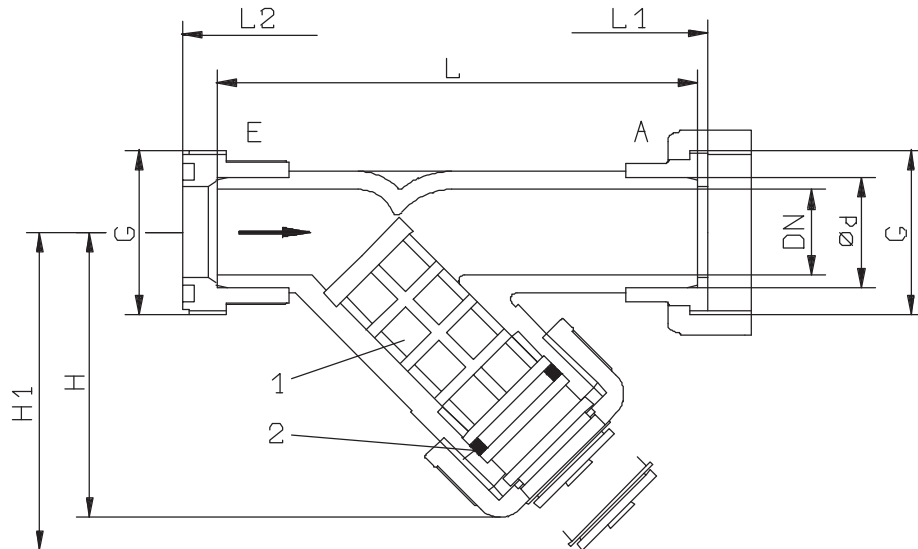
Selection Table

Stainless steel version

Size	DN	G 3/8	G 1/2	G 3/4	G 1	G 1 1/4	G 1 1/2	G 2
Flow	l/h	250	400	650	1000	1600	2500	4000
Mesh size	m m	1	1	1	1	1	1	1
Length L	m m	58	64	75	90	112	120	150
Height H	m m	35	42	50	62	78	82	95
Extension height H1	m m	80	87	95	107	138	157	170
Weight	kg	1.1	1.1	1.3	1.8	3.4	5.2	9.8
Dirt trap assembly		12224982	12224983	12224984	12224985	12224986	12224987	12224988

Items 1+2 (spraypipe and gasket) upon request.

Dirt Trap



The dirt trap shown here is made of transparent PVC and has cemented connecting pieces on both sides. Upon request, it can be supplied with threaded parts (see "E") or with adjusting parts (see "A").

Construction and connection dimensions

Selection Table

Plastic version

Size	DN inch	15 1/2 "	20 3/4 "	25 1 "	32 1 1/4 "	40 1 1/2 "	50 2 "
Flow		400	650	1000	1600	2500	4000
Mesh size	m m	0.5	0.5	0.5	0.5	0.5	0.5
Cemented conn. piece ø d	m m	20	25	32	40	50	63
Length L	m m	124	144	154	174	194	224
Length L1*	m m	130	150	160	180	200	230
Length L2*	m m	144	164	174	194	218	252
Height H	m m	65	76	90	104	124	148
Extension height H1 approx.	m m	110	130	155	180	210	260
Thread ø G	inch	G 1	G 1 1/4	G 1 1/2	G 2	G 2 1/4	G 2 3/4
Weight	kg	0.11	0.17	0.26	0.38	0.64	1.00
Dirt trap with EPDM seal		12224976	12224977	12224978	12224979	12224980	12224981
Dirt trap with FPM seal		12224964	12224965	12224966	12224967	12224968	12224969
Spraypipe (1)		24970	24971	24972	24973	24974	24975
Gasket (2) EPDM		80105	80107	80108	80110	80112	80114
Gasket (2) FPM (Viton)		80075	80106	80069	80109	80111	80113

L1* = length when using two adjusting parts ("A").

L2* = length when using two threaded parts ("E").

Warranty



Please copy and send with the device.

If the device breaks down within the period of warranty, please return it in a cleaned condition with the complete warranty application, filled out.

Sender

Company:..... Phone:..... Date:.....

Address:.....

Contact person:

Manufacturer order-no.: Delivery date:.....

Device type:..... Serial no.:.....

Nominal capacity/nominal pressure:

Description of fault:.....

.....

.....

Type of fault:

1. Mechanical fault

- premature wear
- wear parts
- breakage/other damage
- damage in transit

2. Electrical fault

- loose connections such as plug connector or cable
- operating elements (e.g.. switches/buttons)
- electronics - corrosion

3. Leaks

- connections
- dosing head

4. No or inadequate function

- defective diaphragm
- other

Service conditions of the device

Point of use / system designation:.....

Accessories used (Suction line, etc.):.....

.....

.....

Commissioning (date):.....

Duty peroid (approx. operating hours):.....

Please describe the specifics of the installation and provide a simple diagram with details of the material, diameter, length and levels.

Declaration of harmlessness



Please copy and send in with your device!
Please display anon the outer packaging!

Declaration of harmlessness
(please fill out a separate form for each appliance)

We forward the following device for repairs:

Type of device: _____

Part-no.: _____

Order-no.: _____

Delivery date: _____

Reason for repair: _____

Medium used: _____ Properties: irritant: yes/no
corrosive: yes/no

We hereby certify that the machine has been thoroughly cleaned inside and out before its dispatch and that it is free from health risk chemical, biological and radioactive materials as well as having been drained of oil. *)

If the manufacturer find it necessary to carry out further cleaning work, we accept the charge will be made to us.

We certify that the aforementioned information is correct and complete and that the unit is dispatched in compliance with legal requirements.

Company / address: _____ Phone: _____
Fax: _____
E-Mail: _____

Customer-number: _____

Contact person: _____

_____ Date _____ Signature / stamp

*) If not applicable please cross out!



Lutz-Jesco GmbH

Am Bostelberge 19
30900 Wedemark
Germany

Phone: +49 5130 5802-0
Fax: +49 5130 580268
info@lutz-jesco.com
www.lutz-jesco.com/de

24h-Hotline: +49 5130 580 280

Austria

Lutz-Jesco GmbH

Aredstraße 7/2
2544 Leobersdorf
Austria

Phone: +43 2256 62180
Fax: +43 2256 6218062
info@lutz-jesco.at
www.lutz-jesco.at

Great Britain

Lutz-Jesco (GB) Ltd.

Gateway Estate
West Midlands Freeport
Birmingham B26 3QD
Great Britain

Phone: +44 121 782 2662
Fax: +44 121 782 2680
info@lutz-jesco.co.uk
www.lutz-jesco.co.uk

Netherlands

Lutz-Jesco Nederland B.V.

Nijverheidstraat 14 C
2984 AH Ridderkerk
Netherlands

Phone: +31 180 499460
Fax: +31 180 497516
info@lutz-jesco.nl
www.lutz-jesco.nl

Hungary

Lutz-Jesco Üzletág

Vasvári P. u. 9.
9024 Győr
Hungary

Phone: +36 96 523046
Fax: +36 96 523047
info@lutz-jesco.hu
www.lutz-jesco.hu

USA

Lutz-JESCO America Corp.

55 Bermar Park
Rochester, NY 14624
USA

Phone: +1 585 426-0990
Fax: +1 585 426-4025
mail@jescoamerica.com
www.jescoamerica.com

East Asia

Lutz-Jesco
East Asia Sdn Bhd
6 Jalan Saudagar U1/16
Hicom Glenmarie Industrial Park
40150 Shah Alam /Selangor
Malaysia

Phone: +603 5569 2322
Fax: +603 5569 1322
info@lutz-jescoasia.com
www.lutz-jescoasia.com

Middle East

Lutz-Jesco Middle East FZE

P.O. Box 9614
SAIF-Free Zone Center
Sharjah
UAE

Phone: +971 6 5572205
Fax: +971 6 5572230
info@jescome.com
www.jescome.com



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