

LEWA GmbH · P.O. Box 15 63 · 71226 Leonberg · Germany

LEWA AS

Mr.

Welhavens vei 1
 4319 Sandnes

phone
 e-mail

Your Contact:

phone
 fax

Quotation



Your request: ,
 LEWA Quotation No.: Ino - 254515

Dear Mr. ,

Thank you for contacting LEWA and for your interest in our products. I am pleased to submit you the following quotation.

Please do not hesitate to contact me or your local LEWA representative.

As a **specialist** and **market leader** in handling fluids, LEWA is able to offer you the following advantages*:

- A solution for your special application: from process analysis to global service
- Highest process safety: individual pump configuration and state-of-the-art design
- International engineering and project competencies
- Highest reliability: developed for continuous operation
- Low life-time costs: reduced energy consumption and low-wear design
- Compliance with international standards, e. g. API, ASME, GOST-R, FDA, EHEDG, 3A, TÜV, ...
- Comprehensive reference list

Individual performance! We would like to arrange an appointment to offer you a free "Performance-Check" for your LEWA pumps.

Attached please find our quotation overview, terms and conditions, and the technical specifications.

We are looking forward to your reply with interest.

Yours sincerely,

* Learn more about LEWA advantages at <http://www.lewa.com/topproducts/>

LEWA GmbH

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The Bank of Tokyo-Mitsubishi UFJ, Ltd.
 219884 (BLZ 30010700)
 SWIFT-Code: BOTKDE33
 IBAN-Nr.: DE62 3001 0700 0000 2198 84

Chairman of the Supervisory Board: Toshihiko Kai
 Management:
 Dipl.-Ing. Dipl.-Kfm. Bernd Stütz (CEO), Naota Shikano

Mizuho Corporate Bank, Ltd.
 3123633000 (BLZ 30020700)
 SWIFT-Code: MHCDE333
 IBAN-Nr.: DE04 3002 0700 3123 6330 00

excellence.region-stuttgart.de

HRB 253329 Amtsgericht Stuttgart
 Ust-Id.-Nr.: DE 814 531 544
 Steuernummer: 70095/47485

BW Bank
 8963259 (BLZ 600 501 01)
 SWIFT-Code: SOLADE33
 IBAN-Nr.: DE 80600501010008963259

Quotation Overview:

Documentation

- Operating manual including start-up, operating- and maintenance instructions
- Sectional drawings with detailed parts lists
- Dimensional drawing
- CE certificate and CE label
- ATEX certificates (if applicable)
- Documentation according to pressure equipment directive 97/23/EC (if applicable)

Tests

- Non-witnessed functional and performance test according to VDMA 24284, class I
- Hydrostatic test:
druckpruefung
- Performance test: 5 points API
- Material test certificate to EN 10204 - 3.1

Painting sea water

- Prime coat: 1 x 0,06 mm / Zinc rich epoxy primer
- Intermediate coat: 2 x 0,06 mm / Epoxy
- Top coat: 1 x 0,06 mm / Acrylic polyurethane / RAL 6002 Leaf green /
- Stainless steel parts will not be painted

Packing and Conservation

- Packing / Conservation: norm / 12 weeks
- Conservation acc. To procedure class: 0

Additional documentation, tests or special paintings will be quoted upon request.

Commercial Terms and Conditions:

Pricing

CPT Sandnes

Payment

30 Tage netto ab Faktura Datum
from date of invoice

Delivery

Approx. 11 weeks ex works after receipt of your written purchase order and clarification of all technical and commercial details

Warranty

The delivered goods are warranted for a period of 12 months after being taken into operation but not longer than 18 months after shipment ex works LEWA. This warranty does not include any parts which are subject to wear and tear, such as plunger packings, plunger, diaphragms and valves.

General Conditions

Our quotation is based on our general conditions of sale and supply 0707.

Local LEWA Representative

LEWA AS
Welhavens vei 1
4319 Sandnes
Phone +47 5290 91-00
Fax +47 5290 91-01
mailto: info@lewa.no
www.lewa.no

Technical Design:

Item 10 - Your Item

1 LEWA Metering Pump Type LDE3



Element: a,b,c

Inquiry data

Fluid	water
Temperature..... [°C]	20
Density	2,20
Viscosity	200,00
Vapour pressure	0.03
Solids	-- / --
Required flow	1500 total
Operating pressure discharge	35.00
Operating pressure suction	0.00
Ambient conditions	
Operation in hazardous locations.....	

Design data

Crankcase	LDE
Gear reduction.....	1 : 10,00
Eccentricity	0/120/240
Strokes per minute	143
Stroke length	30
Stroke adjustment	manual
Pumphead	3 x Diaphragm pump head M911S
Plunger - Ø	3 x 52
Flow at max. operating pressure	1520
Max. permissible operating pressure ..	35.00
Diaphragm monitoring	pressure gauge
Valve Suction	plate valve/25
Valve Discharge	plate valve/25
Setting PRV pumphead internal.....	42.00
Minimum required suction pressure	P_abs 0.34
Fluid connection suction	ANSI 1" 300 RF/SF
Fluid connection discharge	ANSI 1" 300 RF/SF
Connection Heating- /Cooling jacket.....	-
Materials (wetted parts)	
Pumphead.....	1.4571
Diaphragm.....	PTFE
Valve seat suction	1.4571
Valve plate suction	1.4571
Valve seat discharge.....	1.4571
Valve plate discharge.....	1.4571
Motor:	Asynchronous – Motor
Make	VEM
Nominal power	3,00
Synchronous RPM	1433
Ex – Protection	-
Enclosure	IP55

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Voltage	[V]	400
Frequency	[Hz]	50
Frame size		100
Mounting		B5/V1
Variable frequency drive range	[Hz]	-
Notes		

Estimated weight pump and motor	[kg]	601
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