



The new generation of vacuum pumps



STERLING FLUID SYSTEMS GROUP

The new generation of LEM and LEL vacuum pumps

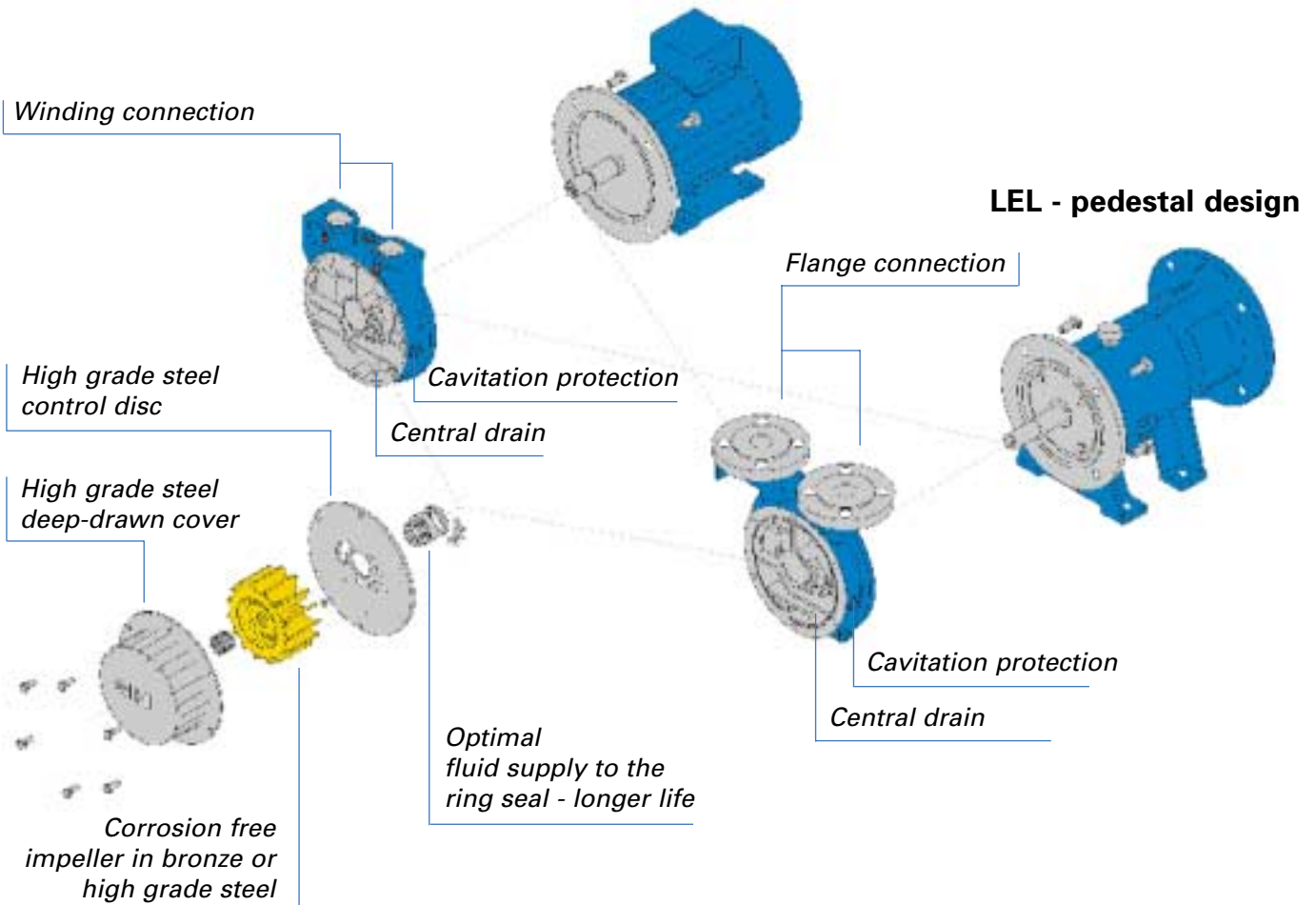
This new generation of liquid ring vacuum pumps is both compact and yet robust as well as their design being corrosion free. Due to their modular design, they can be installed in a wide variety of applications and processes. The ability to service the pumps whilst still installed reduces down time and improves overall running costs. An

optimal fluid supply to the liquid ring guarantees longer life. Standard materials for the LEM/LEL models include a corrosion free impeller in bronze or high grade steel, a high grade steel control disc and deep drawn casing cover. The vacuum pumps are available in sizes from 25 to 280 m³/hour and it is proposed to extend the range in the near future.

The LEM range is close coupled and the LEL long coupled design. All are available as 50Hz or 60Hz with explosion proof motors if required. This modular range can include a wide range of accessories such as gas ejectors, discharge systems and ball check valves.

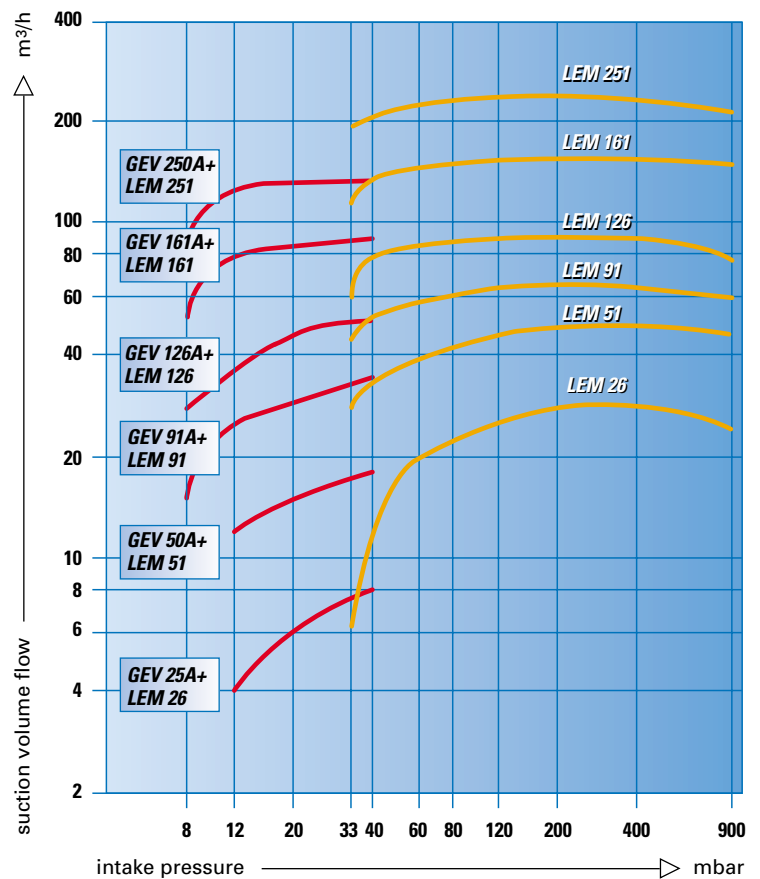
LEM - close coupled design

LEL - pedestal design



The main features of the new LEM and LEL

- 1 Light weight despite its robust design
- 2 High output density
- 3 Economical modular construction systems for close coupled and pedestal design with either screw or NORM flanges
- 4 Corrosion free working chamber
- 5 Easily serviced without removing the pump from the installation
- 6 Suction pressures up to 33 mbar abs., or 8 mbar using a gas ejector
- 7 Suction capacity from 25 to 280 m³/hour by graduation
- 8 Suitable for pumping gasses and vapours
- 9 Able to pump considerable quantities of liquid
- 10 Low operational sealing fluid requirement
- 11 Wide range of accessories



LEM



Sterling Fluid Systems (Europe)

www.sterlingfluidsystems.com/europe

Sterling SIHI GmbH
Lindenstrasse 170,
D-25524 Itzehoe, Germany.
Telephone: +49 (0)4821 77101
Fax: +49 (0)4821 771274

Sterling Fluid Systems (UK)
Theale Cross, Pincents Lane
Calcot, Reading,
Berkshire RG31 7SP, UK.
Telephone: +44 (0)118 932 3123
Fax: +44 (0)118 932 3302

Sterling Fluid Systems (Netherlands)
Havenstraat 22-28, Postbus 27,
NL 1940 AA Beverwijk, The Netherlands.
Telephone: +31 (0)251 263 232
Fax: +31 (0)251 226 309

Sterling Fluid Systems (Austria)
A-1100 Wien,
Oberlaaer Strasse 228, Austria.
Telephone: +43 (0)1 680 050
Fax: +43 (0)1 680 0521

Sterling Fluid Systems (Hellas)
4, Clisouras Street,
GR-176 72 Kallithea, Athens, Greece.
Telephone: +30 (0)1 9570783
Fax: +30 (0)1 9568121

Sterling SAT
Lindenstrasse 170,
D-25524 Itzehoe/Holstein, Germany.
Telephone: +49 (0)4821 77101
Fax: +49 (0)4821 771501

Sterling SIHI GmbH
Halbergstrasse 1
67061 Ludwigshafen, Germany.
Telephone: +49 (0)621 56 12 0
Fax: +49 (0)621 56 12 209

Sterling Fluid Systems (UK)
Mansion House, Manchester Road, Altrincham,
Cheshire, England WA14 4RR.
Telephone: +44 (0)161 9286371
Fax: +44 (0)161 9252129

Sterling Fluid Systems (Belgium)
Zone Gosset, 't Hofveld 1,
B-1702 Groot-Bijgaarden, Belgium.
Telephone: +32 (0)2 481 7711
Fax: +32 (0)2 481 7737

Sterling Fluid Systems (Spain)
Avenida Italia No. 2,
E-28224 Pozuelo de Alarcón (Madrid), Spain.
Telephone: +34 (0)91 709 1310
Fax: +34 (0)91 715 97 00

Sterling Fluid Systems (Hungary)
Radnóti Ter 2/A,
H-8200 Veszprém, Hungary
Telephone: +36 (0)88 40 63 33
Fax: +36 (0)88 40 66 35

Sterling RWO
Leerkaempe,
28259 Bremen, Germany.
Telephone: +49 (0)421 537050
Fax: +49 (0)421 5370540

Sterling Berkefeld (Germany)
Lückenweg 5
29227 Celle, Germany.
Telephone: +49 (0) 5141 8030
Fax: +49 (0) 5141 803172

Sterling Fluid Systems (France)
Zone Industrielle de Trappes-Elancourt,
1-3 Avenue Georges Politzer, Boite,
Postale 41, F-78193 Trappes Cedex, France.
Telephone: +33 (0)1 34 82 39 00
Fax: +33 (0)1 34 82 39 61

Sterling Fluid Systems (Italy)
Via degli Orsi e dei Boschi 7,
I-20093 Cologno Monzese (Milano), Italy.
Telephone: +39 (0)2 253 091
Fax: +39 (0)2 253 092 59

Sterling Fluid Systems (Schweiz)
Schweizersbildstrasse 25,
P O Box 110,
8205 Schaffhausen, Switzerland,
Telephone: +41 (0)52 6440606
Fax: +41 (0)52 6440616

Sterling Fluid Systems (Czech Republic)
Kosmonautu 8,
CZ-77211 Olomouc, Czech Republic.
Telephone: +420 (0)68 551 66 51
Fax: +420 (0)68 551 66 53

Sterling Berkefeld (Netherlands)
Cairostraat 55,
NL-3004 AC Rotterdam.
Telephone: +31 (0)10 2622525
Fax: +31 (0)10 2622822

Sterling Fluid Systems (Americas)

www.sterlingfluidsystems.com/americas

Sterling Fluid Systems (USA)
2005 Dr M. L. King Jr. Street,
P O Box 7026,
Indianapolis, IN 46207-7026, USA.
Telephone: (1) 317 925 9661
Fax: (1) 317 924 7388

Sterling PCU
2280 West Dorothy Lane,
Dayton 45439-1882 Ohio, USA.
Telephone: (1) 937 299 5594
Fax: (1) 937 299 3843

Sterling Fluid Systems (USA)
303 Industrial Boulevard,
P O Box 460,
Grand Island, NY 14072-0460, USA.
Telephone: (1) 716 773 6450
Fax: (1) 716 773 2330

Sterling Fluid Systems (Mexico)
Av. Milimex No. 115, Franco Industrias Milimex
Carr. Miguel Aleman Km. 16.5
Apodaca, Nuevo Leon Mexico CP666000
Mexico
Telephone: (52) 83 693 644
Fax: (52) 83 693 649

Sterling Fluid Systems (Canada)
225 Speedvale Avenue West,
P O Box 728,
Guelph, Ontario N1H 6L8, Canada.
Telephone: (1) 519 824 4600
Fax: (1) 519 824 7250

Sterling Berkefeld (Canada)
225 Speedvale Avenue West
P O Box 728
Guelph, Ontario, N1H 6L8, Canada
Telephone: (1) 519 824 4600
Fax: (1) 519 824 7250

Sterling Fluid Systems (Asia)

www.sterlingfluidsystems.com/asia

Sterling Fluid Systems (Asia)
37 Tech Park Crescent,
Tuas South Avenue 4,
Singapore 637851
Telephone: (65) 8630 828
Fax: (65) 8630 868

Sterling Fluid Systems (Philippines)
Suite 404 & 405, Alabang Corporate Centre,
Km. 25 West Service Road,
South Superhighway,
Muntinlupa City, Philippines.
Telephone: (63) 2 809 4908
Fax: (63) 2 807 2013

SIHI (Australia)
820 Mountain Highway,
Bayswater, Victoria 3153,
Australia.
Telephone: (61) 3 9720 1500
Fax: (61) 3 9720 4076

Sterling Fluid Systems (Hong Kong)
Unit 2605, Apec Plaza,
49 Hoi Yuen Road, Kwun Tong,
Kowloon, Hong Kong.
Telephone: (852) 2508 9025
Fax: (852) 2508 9032

Sterling Fluid Systems (Malaysia)
No. 2, Jalan TPK 2/2, Taman Perindustrian
Kinrara, Section 2, 47100 Puchong,
Selangor Darul Ehsan, Malaysia.
Telephone: (60) 3 5700198/99
Fax: (60) 3 5700204

Sterling Fluid Systems (Thailand)
1st Floor, Solid Group Building,
104 Thavorn, Patanakarn Road,
Suan-Luang,
Bangkok 10250, Thailand.
Telephone: (66) 2 321 8422/3
Fax: (66) 2 321 8413

Sterling Fluid Systems (Middle East/Africa)

www.sterlingfluidsystems.com/middle-east www.sterlingfluidsystems.com/africa

Sterling Fluid Systems (Middle East)
P O Box 61491, Jebel Ali, Dubai U.A.E.
Telephone: +971 (0)4 8838 733
Fax: +971 (0)4 8838 735

Saudi Berkefeld-Filter
P O Box 9419, 11413 Riyadh, Saudi Arabia
Telephone: (966) 14982085
Fax: (966) 14982349

Sterling Fluid Systems (South Africa)
8483 Edleen, 1625 Johannesburg, R.S.A.
Telephone: (27) 11 394 3922
Fax: (27) 11 970 2472