



# ITT

Lowara

## Catalog General

### Seria DL

Pompe submersibile pentru ape uzate cu suspensii solide.  
Realizate din fonta si inox, cu etansari mecanice si  
rotoare cu un singur canal.

#### SPECIFICATII

**Debit** : pana la 42mc/h

**Inaltime de pompare** : pana la **20 m**

**Alimentarea electrica**: trifazica si  
monofazica la 50 Hz

**Putere** : intre 0.6 kW si 1.5 kW

**Adancimea maxima de imersie**  
5 m

**Temperatura lichidului pompat**:

0°C la +50°C (cu pompa total  
imersata)

0°C la +25°C (cu pompa partial  
imersata)

**Lichid cu suspensii solide**:

pana la 45 mm (DL80-90-105 Minivortex-  
Vortex)

pana la 50 mm (DL109-125, DLV100-115)

**Protectie**: IP68

**Lungimea cablului**: 5 m

#### MATERIALE

**Corpul pompei** : fonta

**Flansa de aspiratie, piciorul de sustinere,  
extensia arborelului, carcasa motorului,  
rotorul** : inox

**Elastomeri** : NBR

**Etansari mecanice**: Carbon/Ceramic/NBR

**Cotul de refulare** : Fonta

#### APLICATII

- Evacuarea apelor uzate cu suspensii solide
- Drenarea bazinelor septice, namoluri si foselor de apa uzata
- Evacuarea si drenarea bazinelor din aplicatiile industriale si ecologice
- Drenarea de urgenta a zonelor inundate

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For a complete list of technical information, consult [www.lowara.com](http://www.lowara.com)

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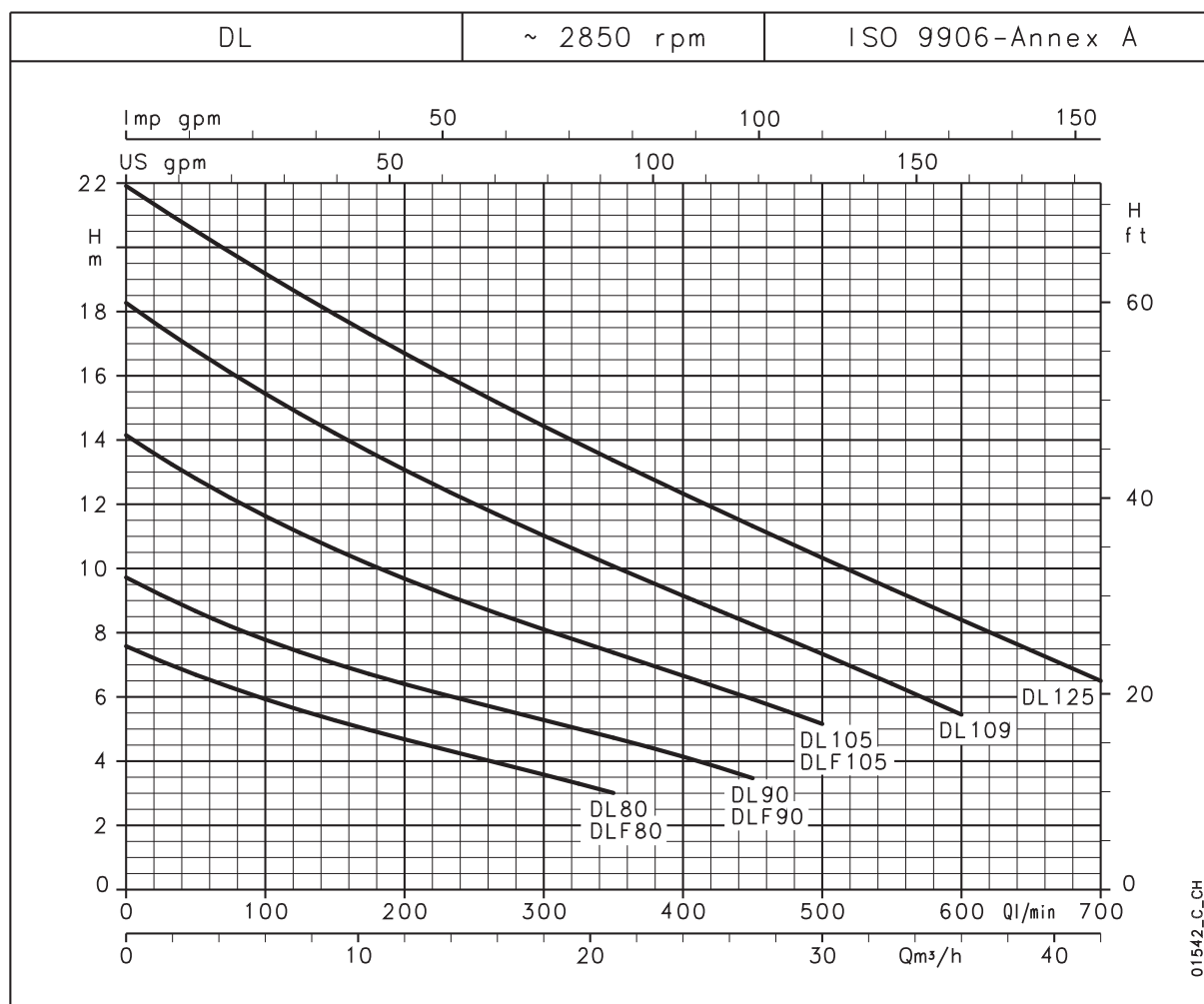
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### General Catalogue

#### Seria DL

#### Caracteristicile de operare la 50 Hz, 2 POLI



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## General Catalogue

### SERIA DL PERFORMANTE HIDRAULICE

| TIPUL POMPEI       | PUTEREA |     | Q = DEBITUL              |      |      |      |      |      |      |      |      |      |     |     |     |
|--------------------|---------|-----|--------------------------|------|------|------|------|------|------|------|------|------|-----|-----|-----|
|                    |         |     | l/min                    | 0    | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500 | 600 | 700 |
|                    |         |     | m³/h                     | 0    | 6    | 9    | 12   | 15   | 18   | 21   | 24   | 27   | 30  | 36  | 42  |
|                    | kW      | HP  | H = INALTIMEA DE POMPARE |      |      |      |      |      |      |      |      |      |     |     |     |
| DL(M) 80-DLF(M) 80 | 0,6     | 0,8 | 7,6                      | 5,9  | 5,3  | 4,7  | 4,1  | 3,6  | 3,0  |      |      |      |     |     |     |
| DL(M) 90-DLF(M) 90 | 0,6     | 0,8 | 9,7                      | 7,8  | 7,0  | 6,4  | 5,8  | 5,3  | 4,7  | 4,1  | 3,5  |      |     |     |     |
| DL 105 - DLF105    | 1,1     | 1,5 | 14,1                     | 11,6 | 10,6 | 9,7  | 8,9  | 8,1  | 7,4  | 6,7  | 5,9  | 5,2  |     |     |     |
| DL(M) 109          | 1,1     | 1,5 | 18,3                     | 15,4 | 14,2 | 13,1 | 12,0 | 11,0 | 10,1 | 9,2  | 8,2  | 7,3  | 5,4 |     |     |
| DL 125             | 1,5     | 2   | 21,9                     | 19,2 | 17,9 | 16,7 | 15,5 | 14,4 | 13,4 | 12,3 | 11,3 | 10,3 | 8,4 | 6,5 |     |

These performances are valid for liquids with density  $\rho = 1,0 \text{ kg/dm}^3$  and kinematic viscosity  $\nu = 1 \text{ mm}^2/\text{s}$ .

dl-2p50-en\_b\_th

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### DATE ELECTRICE

| TIPUL POMPEI | PUTEREA  | CURENTUL      | CONDENSATOR                   |
|--------------|----------|---------------|-------------------------------|
| MONOFAZIC    | ABSORBIT | A<br>220-240V |                               |
|              | kW       | A             | $\mu\text{F} / 450 \text{ V}$ |
| DLM80-DLFM80 | 0,79     | 3,91          | 25                            |
| DLM90-DLFM90 | 0,89     | 4,27          | 25                            |
| -            | -        | -             | -                             |
| DLM109       | 1,55     | 6,87          | 35                            |
| -            | -        | -             | -                             |

\*valori maxime de operare.

| TIPUL POMPEI | PUTEREA   | CURENTUL              | CURENTUL              |
|--------------|-----------|-----------------------|-----------------------|
| TRIFAZIC     | ABSORBITA | ABSORBIT*<br>220-240V | ABSORBIT*<br>380-415V |
|              | kW        | A                     | A                     |
| DL80-DLF80   | 0,8       | -                     | 2,09                  |
| DL90-DLF90   | 0,92      | 3,81                  | 2,2                   |
| DL105-DLF105 | 1,43      | 4,66                  | 2,69                  |
| DL109        | 1,54      | 5,44                  | 3,14                  |
| DL125        | 2,14      | 6,58                  | 3,8                   |

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