

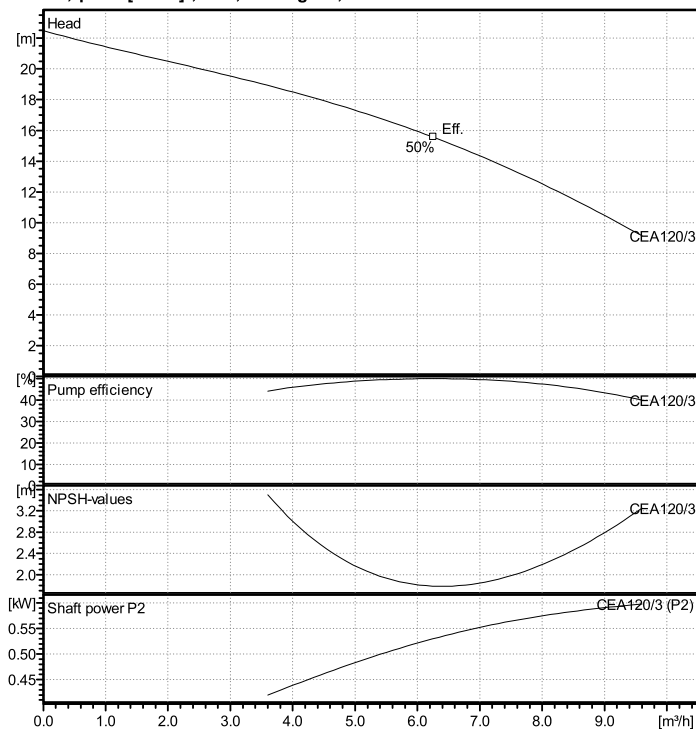
## CEA 120/3

|             |              |             |               |
|-------------|--------------|-------------|---------------|
| Company     | Customer     | Date        | 2017-02-08    |
| Contact     | Contact      | List price  | Price on req. |
| Project     | Phone number | Family code |               |
| Project no. | Email        | Item no.    | 107330160     |

Performance according to ISO 9906 - Annex A

**Power datas referred to:**

**Water, pure [100%] ; 4°C; 1000kg/m<sup>3</sup>; 1.57mm<sup>2</sup>/s**



### Operating Data Specification

|      |                     |
|------|---------------------|
| Flow | 0 m <sup>3</sup> /h |
| Head | 0 m                 |

### Hydraulic data (duty point)

|             |
|-------------|
| Flow        |
| Head        |
| Power input |
| MEI >= 0,4  |

### Pump data

|                       |                                           |
|-----------------------|-------------------------------------------|
| Make                  | Lowara                                    |
| Type                  | CEA 120/3                                 |
|                       | Single-impeller centrifugal electric pump |
| Speed                 | 2900                                      |
| Head H(Q=0)           | 22.5 m                                    |
| Suction side          |                                           |
| Discharge side        |                                           |
| Types of installation | Monobloc                                  |
| Weight                | 11.5 kg                                   |

### Materials / seals

|             |                            |
|-------------|----------------------------|
| Pump body   | Stainless steel / AISI 304 |
| impeller    | Stainless steel / AISI 304 |
| Diffuser    | Stainless steel / AISI 304 |
| Seal casing | Stainless steel / AISI 304 |

### Shaft Seal

|                   |                   |
|-------------------|-------------------|
| Rotating Assembly | V-Ceramic Alumina |
| Fixed Assembly    | B-Carbon          |
| Elastomers        | P-NBR             |
| Springs           | G-AISI 316        |
| Other Components  | F-AISI 304        |

### Motor data

|                                     |         |                  |          |
|-------------------------------------|---------|------------------|----------|
| Rated power P2                      | 0.55 kW | Nom. Speed       | 2850 rpm |
| Frequency                           | 50      | Phase            | 3~       |
| Rated voltage                       | 220 V   | Rated current    | 2.56 A   |
| Protection class                    | IP 55   | Insulation class | F        |
| Permitted voltage tolerance +/- 10% |         |                  |          |

### Dimensions mm

|     |          |    |     |
|-----|----------|----|-----|
| A   | 51       | H2 | 232 |
| D   | 140      | L  | 325 |
| DNA | Rp 1 1/4 | L1 | 76  |
| DNM | Rp1      | W  | 65  |
| H   | 222      |    |     |
| H1  | 111      |    |     |

Note:

