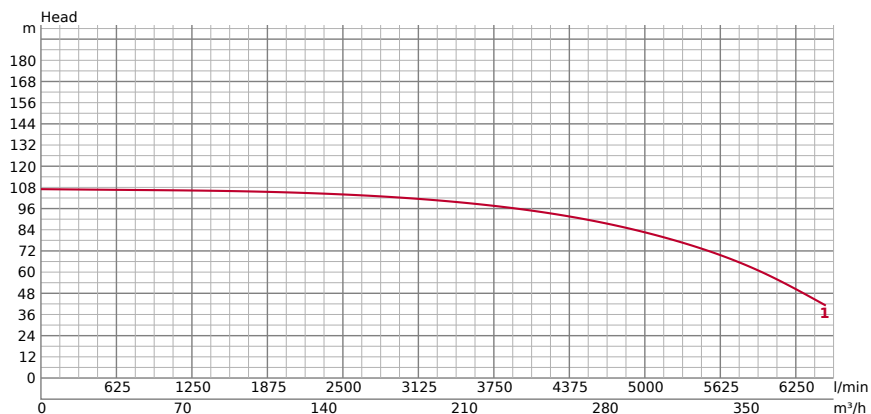


## LH8110



## TECHNICAL INFORMATION

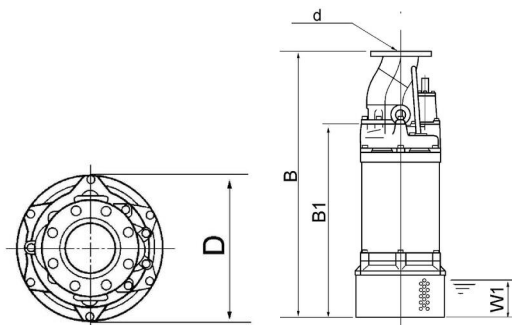
|         |                      |                |               |                        |          |
|---------|----------------------|----------------|---------------|------------------------|----------|
| GENERAL | ø Discharge bore mm  | 200            | PUMPING FLUID | Type of Fluid          | Drainage |
|         | Discharge Connection | JIS 10K Flange |               | Temperature            | 0-40°C   |
|         |                      |                |               | Max. Solid Handling mm | 20       |
|         |                      |                |               | Max. dry matter %      | 3-5      |
|         |                      |                |               | Max. PH Value          | 5-9      |
|         |                      |                |               | Max. Capacity l/min    | 6500     |
|         |                      |                |               | Max. Head m            | 107      |

|      |                 |                                  |                 |                                      |
|------|-----------------|----------------------------------|-----------------|--------------------------------------|
| PUMP | COMPONENTS      |                                  | MATERIAL        |                                      |
|      | Impeller        | Closed type impeller             | Impeller        | Chromium iron casting                |
|      | Bearings        | Shielded ball bearings           | Casing          | Ductile iron casting<br>EN-GJS-700-2 |
|      | Mechanical Seal | Dual mechanical seal in oil bath | Suction Plate   | Chromium iron casting                |
|      |                 |                                  | Pump Body       | Structured Steel                     |
|      |                 |                                  | Mechanical Seal | Silicon Carbide                      |
|      |                 |                                  |                 |                                      |

TECHNICAL INFORMATION | Motor, Others on the next page →

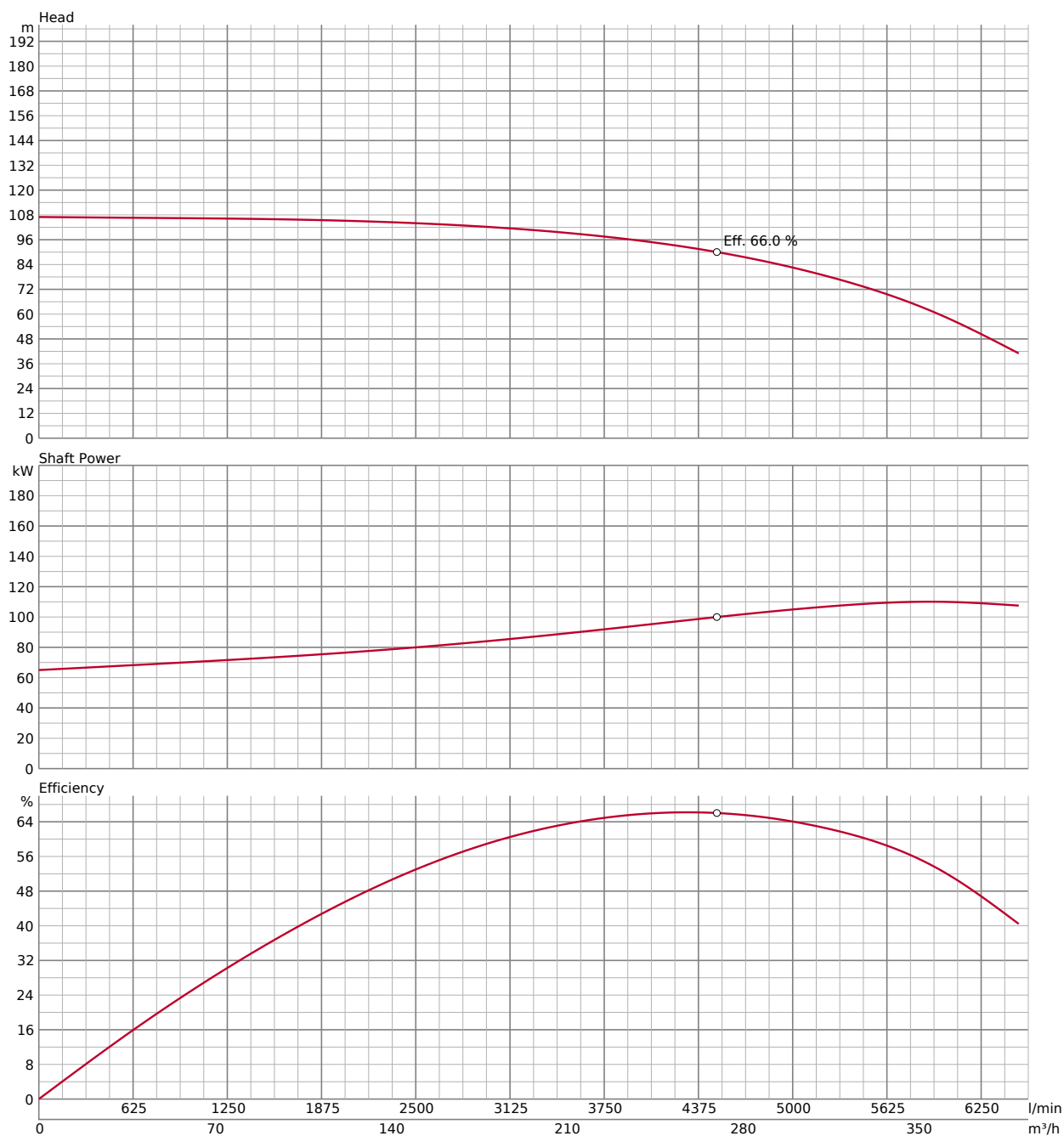
|               |                                        |                                |                     |                                                                                 |
|---------------|----------------------------------------|--------------------------------|---------------------|---------------------------------------------------------------------------------|
| <b>MOTOR</b>  | <b>Motor output kW</b>                 | 110,0                          | <b>MATERIAL</b>     |                                                                                 |
|               | <b>Starting method</b>                 | star/delta                     |                     |                                                                                 |
|               | <b>Type, Poles</b>                     | Induction motor, 2 poles, IP68 |                     |                                                                                 |
|               | <b>Insulation</b>                      | Insulation class F             |                     |                                                                                 |
|               | <b>Phase / Voltage</b>                 | 3-phase / 400V / 50Hz          |                     |                                                                                 |
|               | <b>r.p.m.</b>                          | 2965                           |                     |                                                                                 |
|               | <b>Motor Protector (built-in)</b>      | Miniature protector            |                     |                                                                                 |
|               | <b>Rated Current</b>                   | 209                            |                     |                                                                                 |
|               | <b>Voltage Change 400V --&gt; 230V</b> | Re-Winding                     |                     |                                                                                 |
|               | <b>Voltage Change 400V --&gt; 690V</b> | External connection (star)     |                     |                                                                                 |
| <b>OTHERS</b> | <b>Dry Weight Kg</b>                   | 1210                           | <b>Frame</b>        | Grey iron casting<br>EN-GJL-200                                                 |
|               | <b>Pressure Resistance</b>             | max. 50m                       |                     |                                                                                 |
|               |                                        |                                | <b>Shaft</b>        | Stainless steel<br>EN-X30Cr13                                                   |
|               |                                        |                                | <b>Cable</b>        | NSSHÖU(3C*35mm²,<br>3*16mm²/3E,2*2,<br>5ST);NSSHÖU<br>(3C*35mm²,<br>3*16mm²/3E) |
|               |                                        |                                | <b>Cable Length</b> | 20m                                                                             |

## DIMENSIONS


**DIMENSIONS - IN MM**

|           |      |          |     |           |     |
|-----------|------|----------|-----|-----------|-----|
| <b>B</b>  | 1887 | <b>D</b> | 592 | <b>W1</b> | 200 |
| <b>B1</b> | 1485 | <b>d</b> | 200 |           |     |

## PERFORMANCE CURVE



In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website [www.tsurumi.eu/english/applications.htm](http://www.tsurumi.eu/english/applications.htm).