

# Electric pump

## EL5

### PUMP SPECIFICATIONS

|                              |                     |
|------------------------------|---------------------|
| Capacity [m <sup>3</sup> /h] | 30                  |
| Head [m]                     | 12.4                |
| Impeller diameter [mm]/type  | 245/4 blades opened |
| Hose adaptor diameter [mm]   | 80                  |
| Cross section diameter [mm]  | 20                  |
| Weight (without cable) [kg]  | 185                 |

### ELECTRIC MOTOR

|                               |                  |
|-------------------------------|------------------|
| Power [kW-HP]                 | 3.7-5            |
| Voltage [V]/Current [A]       | 230-400/13.2-7.6 |
| Phases/Poles/Frequency [Hz]   | 3/4/50           |
| Speed [RPM]                   | 1450             |
| Insulation class              | H                |
| Powercable 20m (IEC 60245- 4) | H07RN-F 4G10     |

### MATERIALS

|               |   |
|---------------|---|
| Casing        | Spheroidal cast iron EN-GJS-500-7 (EN 1563) |
| Motor housing | Spheroidal cast iron EN-GJS-500-7 (EN 1563) |
| Wear parts    | High chrome EN-GJN-HV600 (XCr18) (EN 12513) |
| Main shaft    | High tensile steel 39NiCrMo3 (AISI 9840)    |

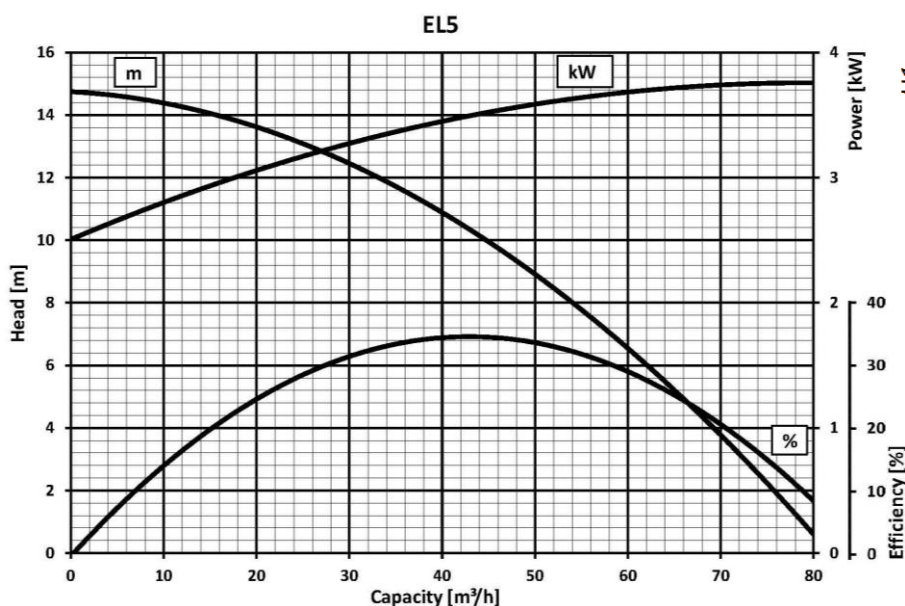
### SEALS / LUBRICANT

|                     |   |
|---------------------|---|
| Motor side seals    | 1 mechanical seal (silicon carbide in oil bath)                               |
| Impeller side seals | 1 mechanical seal (silicon carbide in oil bath) + 4 lip seal (2 BUNA + 2 TPU) |
| Oil type            | ISO 32  |

### DIMENSIONS [mm]

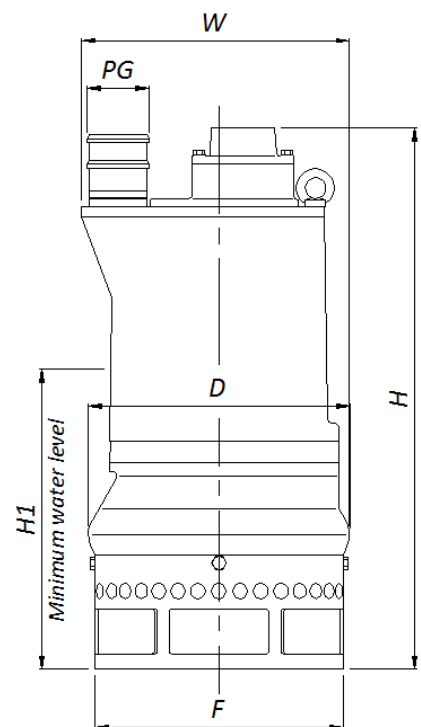
| H   | W   | D   | F   | H1  | PG |
|-----|-----|-----|-----|-----|----|
| 780 | 385 | 360 | 337 | 500 | 80 |

### PERFORMANCE CURVES



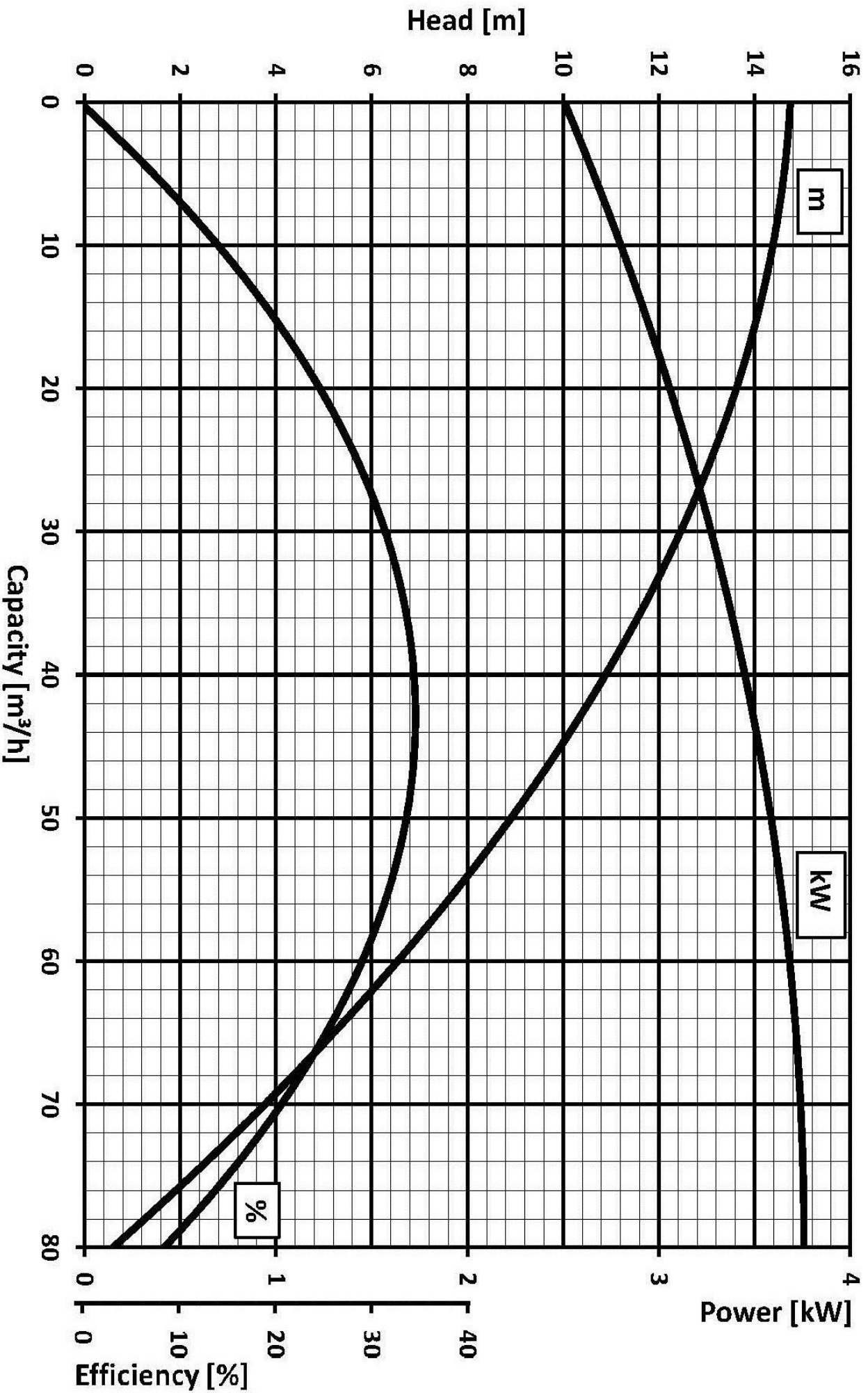
EL5 50Hz ENG v01.docx

We reserve the right to make changes without notice



**DRAGFLOW**

# EL5



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