

# Electric pump

## EL12.5SS

### PUMP SPECIFICATIONS

|                              |                     |
|------------------------------|---------------------|
| Capacity [m <sup>3</sup> /h] | 60                  |
| Head [m]                     | 19.5                |
| Impeller diameter [mm]/type  | 308/4 blades opened |
| Hose adaptor diameter [mm]   | 100                 |
| Cross section diameter [mm]  | 25                  |
| Weight (without cable) [kg]  | 270                 |

### ELECTRIC MOTOR

|                                |                   |
|--------------------------------|-------------------|
| Power [kW-HP]                  | 13-18             |
| Voltage [V]/Current [A]        | 230-400/45.7-26.6 |
| Phases/Poles/Frequency [Hz]    | 3/4/50            |
| Speed [RPM]                    | 1450              |
| Insulation class               | H                 |
| Power cable 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)    |

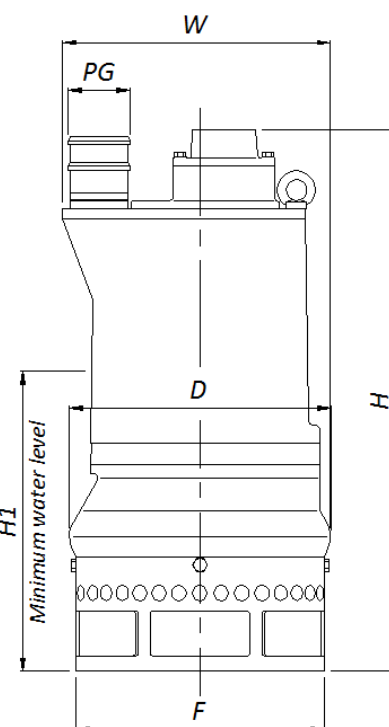
### SEALS / LUBRICANT

|                     |   |
|---------------------|---|
| 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  |

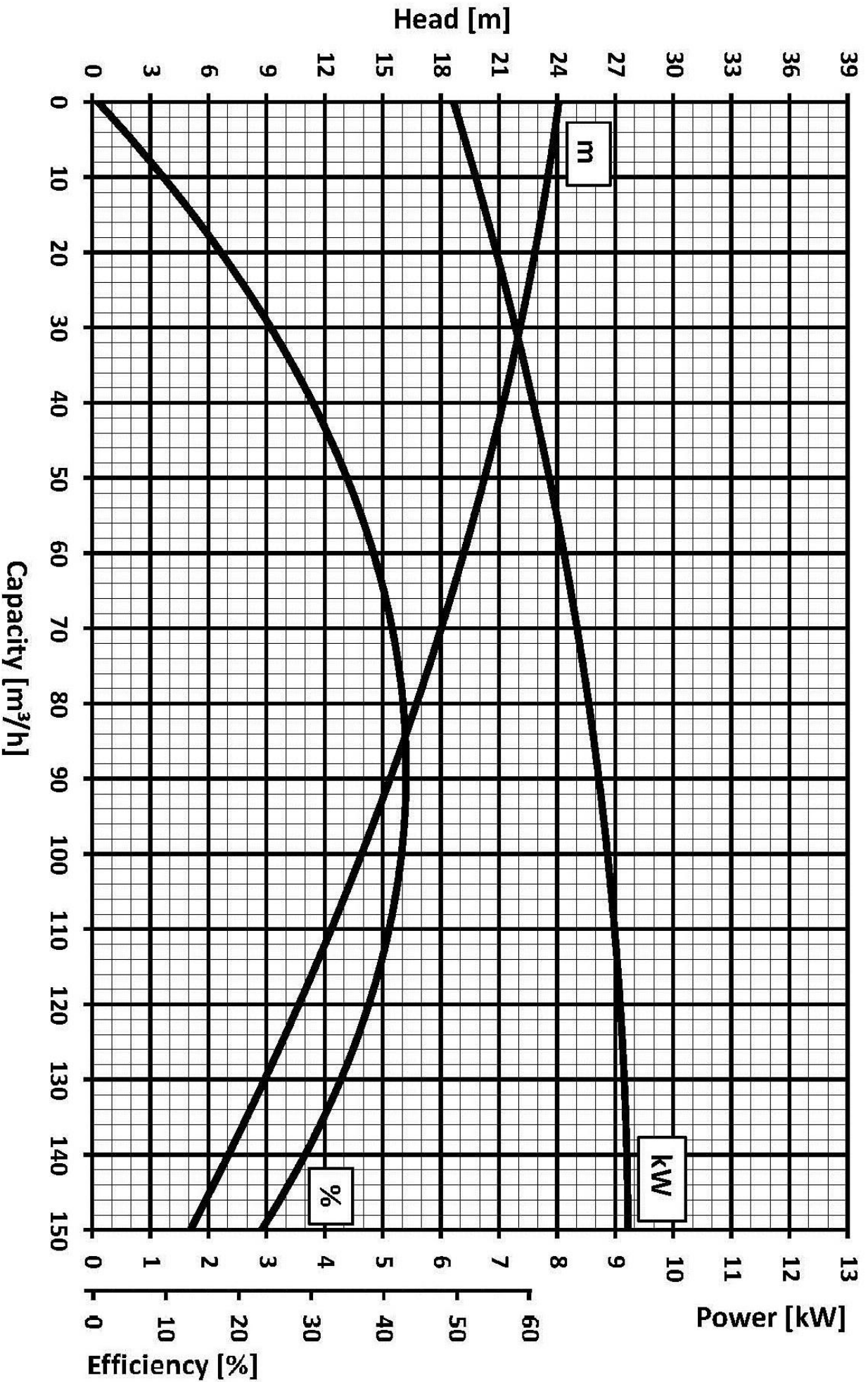
### DIMENSIONS [mm]

| H   | W   | D   | F   | H1  | PG  |
|-----|-----|-----|-----|-----|-----|
| 920 | 435 | 435 | 415 | 550 | 100 |

### PERFORMANCE CURVES



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We reserve the right to make changes without notice