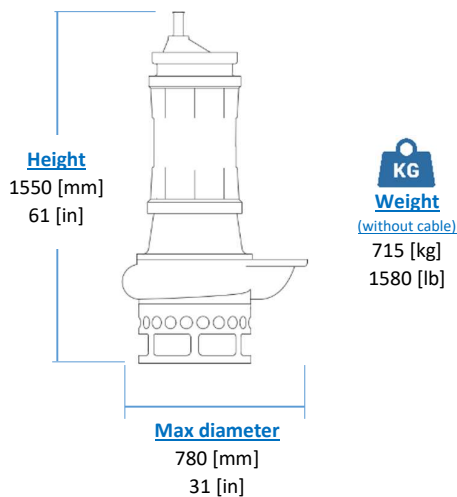


# ELECTRIC PUMP

## EL25



### **Electrical motor**

Insulation class H

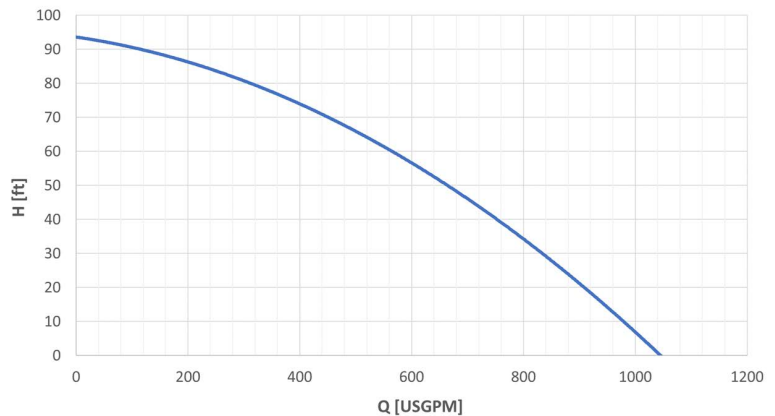
### **Cable**

1 x H07RN-F 4Gxx length 60ft

### **Operating Conditions**

- Max liquid temperature 95 °F
- Min Submersion depth 48.8 in

60Hz



| Model                    | EL25      |
|--------------------------|-----------|
| Brake Power [kW   HP]    | 18.5   25 |
| Electric Power [kW   HP] | 20.2   27 |
| Frequency [Hz]           | 60        |
| Efficiency [%]           | 47%       |
| Number of Poles          | 6         |
| RPM                      | 1164      |
| Voltage [V]              | 460       |
| Rated Current [A]        | 33        |
| Solid handling [mm   in] | 35   1.4  |
| Discharge [ANSI]         | 100   4"  |

### **Materials**

| Part                  | Standard                       |
|-----------------------|--------------------------------|
| Casing                | Cast Iron EN-GJS500            |
| Body                  | Cast Iron EN-GIL250            |
| Wear Parts            | High chrome EN-GJN-HV600 (CH6) |
| Minimum hardness [HB] | 550                            |
| Main shaft            | High tensile 39NiCrMo3         |
| PH Range              | 5-10                           |

### **Seals and lubricants**

| Version       | EL25  | MG         | MS         |
|---------------|-------|------------|------------|
| Motor Side    | LIPS  | MECHANICAL | MECHANICAL |
| Impeller Side | LIPS  | LIPS       | MECHANICAL |
| Oil type      | EP320 | ISO32      | ISO32      |