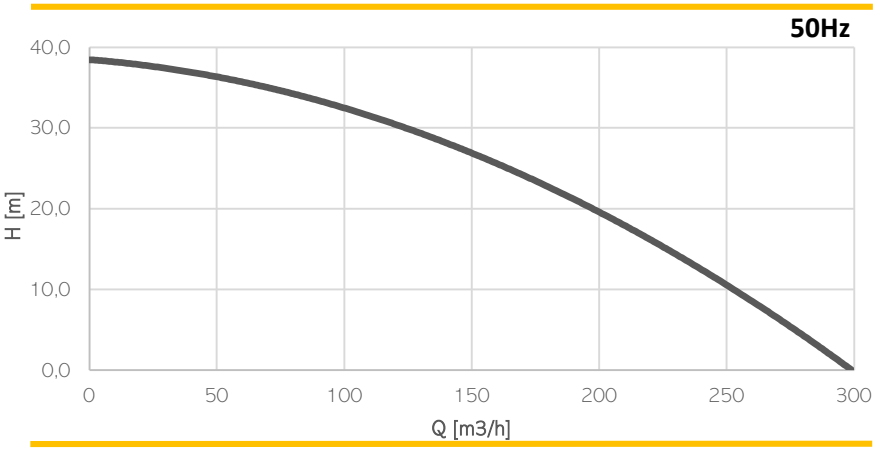
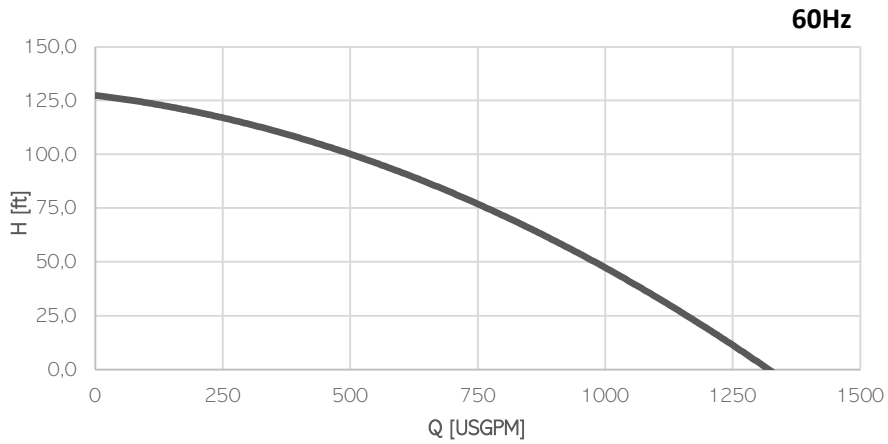
# ELECTRIC PUMP

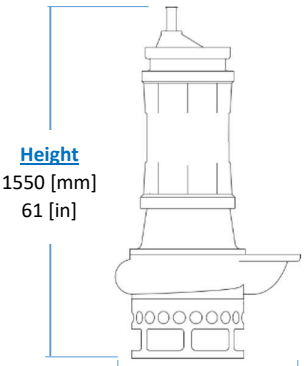
# EL35

DRAGFLOW ULTIMATE EFFICIENCY





**Height**
1550 [mm]
61 [in]

**Weight**
(without cable)
780 [kg]
1580 [lb]

**Max diameter**
905 [mm]
36 [in]

| Model | EL35 | |
|---|---|---|
| Brake Power [kW\|HP] | 26 \| 35 | |
| Electric Power [kW\|HP] | 28 \| 38 | |
| Frequency [Hz] | 50 | 60 |
| Efficiency [%] | 53% | 52% |
| Number of Poles | 6 | 6 |
| RPM | 970 | 1164 |
| Voltage [V] | 400 | 460 |
| Rated Current [A] | 55 | 47 |
| Solid handling [mm\|in] | 35 \| 1.4 | |
| Discharge [DN-PN] | 100-10 | |

## *Electrical motor*

Insulation class H

## *Cable*

1 x H07RN-F 4G16 length 20m

## *Operating Conditions*

Max liquid temperature 35°C
Min Submersion depth 1240 mm

## *Materials*

| Part | Standard |
|---|---|
| Casing | Cast Iron EN-GJS500 |
| Body | Cast Iron EN-GJL250 |
| Wear Parts<br>Minimum hardness [HB] | High chrome EN-GJN-HV600 (CH6)<br>550 |
| Main shaft | High tensile 39NiCrMo3 |
| PH Range | 5-10 |

## *Seals and lubricants*

| Version | EL35 | MG | MS |
|---|---|---|---|
| Motor Side | LIPS | MECHANICAL | MECHANICAL |
| Impeller Side | LIPS | LIPS | MECHANICAL |
| Oil type | EP320 | ISO32 | ISO32 |