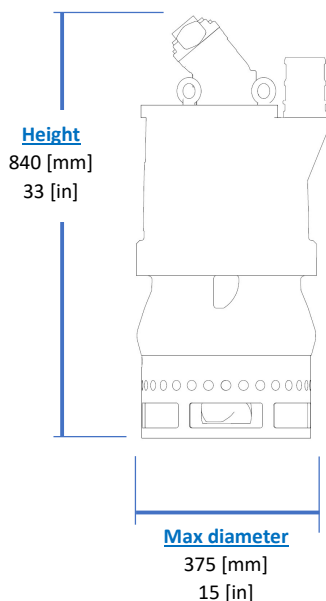
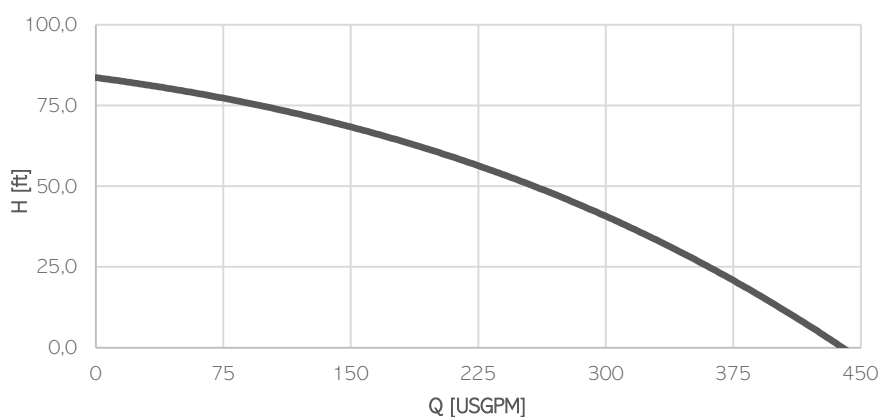
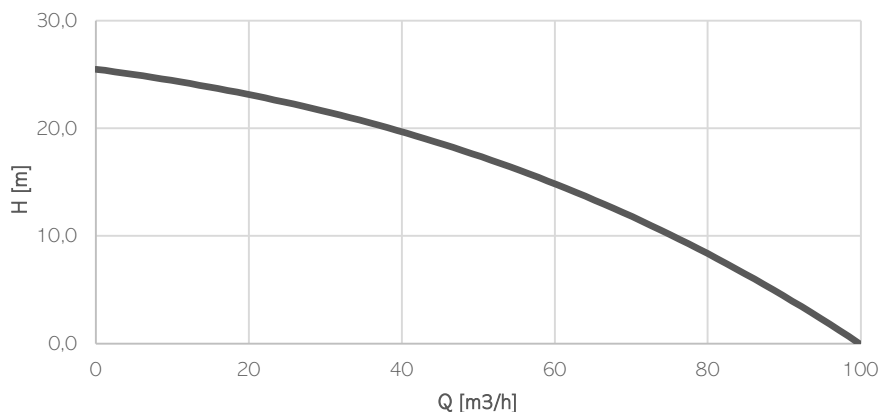


# HYDRAULIC PUMP HY18



**KG**  
**Weight**  
170 [kg]  
375 [lb]

| Model                              | HY18     |
|------------------------------------|----------|
| Brake Power [kW   HP]              | 13   17  |
| Efficiency [%]                     | 22       |
| RPM Max                            | 2000     |
| Motor Displacement [cc]            | 23       |
| Oil flow rate max [l/min]          | 46       |
| Nominal pressure [bar]             | 200      |
| Max pressure [bar]                 | 350      |
| Solid handling [mm   in]           | 20   0.8 |
| Discharge (Hose adaptor) [mm   in] | 80   3"  |

## Materials

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

## Ports

- | Service line Ports: SAE J518 3/4in
- | Case drain Port: DIN3852 M18x1,5

## Operating Conditions

- | Max liquid temperature 40°C
- | Min Submersion depth 350mm

## Seals and lubricants

| Version       | STANDARD   |
|---------------|------------|
| Motor Side    | MECHANICAL |
| Impeller Side | MECHANICAL |
| Oil type      | ISO32      |