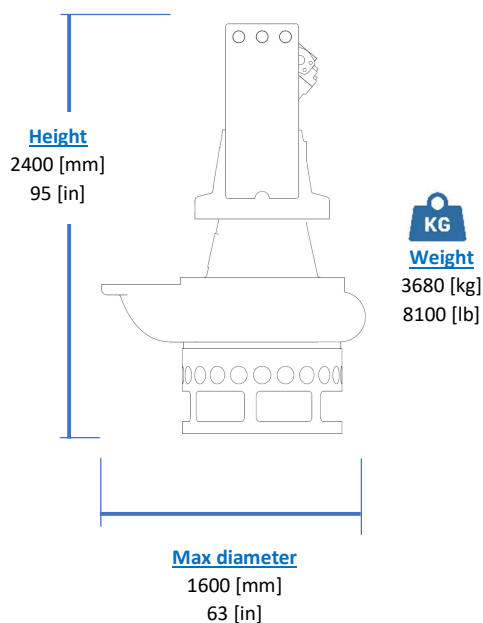
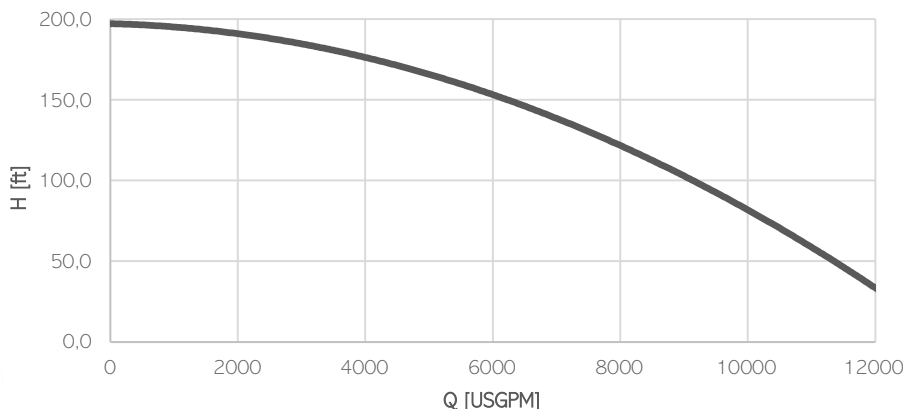


# HYDRAULIC PUMP HY400



## Ports

- | Service line Ports: SAE J518 1 1/4in
- | Case drain Port: DIN3852 M33x2

## Operating Conditions

- | Max liquid temperature 104 °F
- | Min Submersion depth 55.1 in

| Model                     | HY400     |
|---------------------------|-----------|
| Brake Power [kW HP]       | 300   400 |
| Efficiency [%]            | 50        |
| RPM Max                   | 850       |
| Motor Displacement [cc]   | 710       |
| Oil flow rate max [l/min] | 605       |
| Nominal pressure [psi]    | 4.350     |
| Max pressure [psi]        | 5.075     |
| Solid handling [mm in]    | 120   4,7 |
| Discharge [mm in]         | 300   12" |

## 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                           |

## Seals and lubricants

| Version       | HY400 | MG         |
|---------------|-------|------------|
| Motor Side    | LIPS  | MECHANICAL |
| Impeller Side | LIPS  | LIPS       |
| Oil type      | EP320 | ISO32      |