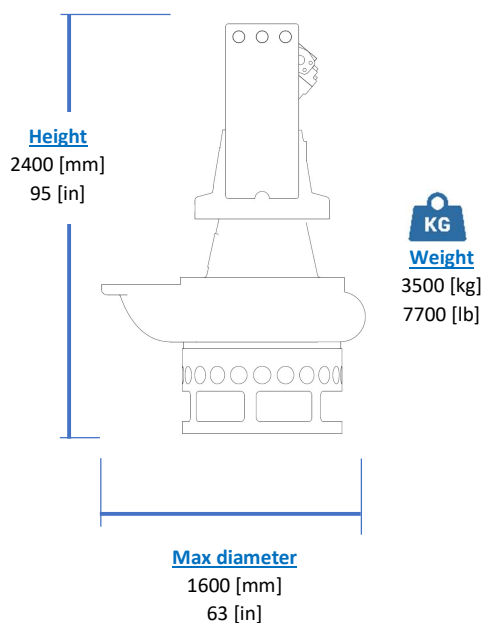
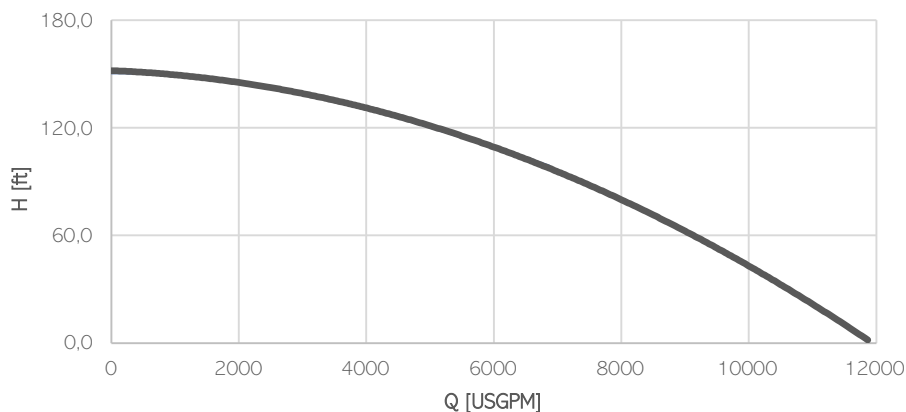


HYDRAULIC PUMP HY300



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	HY300
Brake Power [kW HP]	220 300
Efficiency [%]	50
RPM Max	750
Motor Displacement [cc]	500
Oil flow rate max [l/min]	380
Nominal pressure [psi]	4.350
Max pressure psi]	5.075
Solid handling [mm in]	120 4.7
Discharge [mm in]	250 10"

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	HY300	MG
Motor Side	LIPS	MECHANICAL
Impeller Side	LIPS	LIPS
Oil type	EP320	ISO32