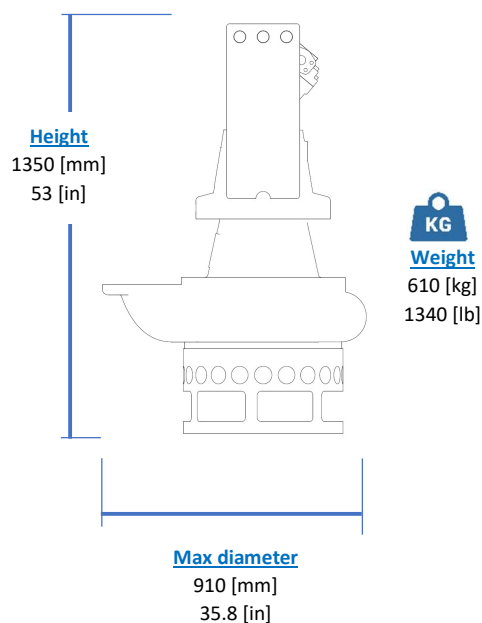
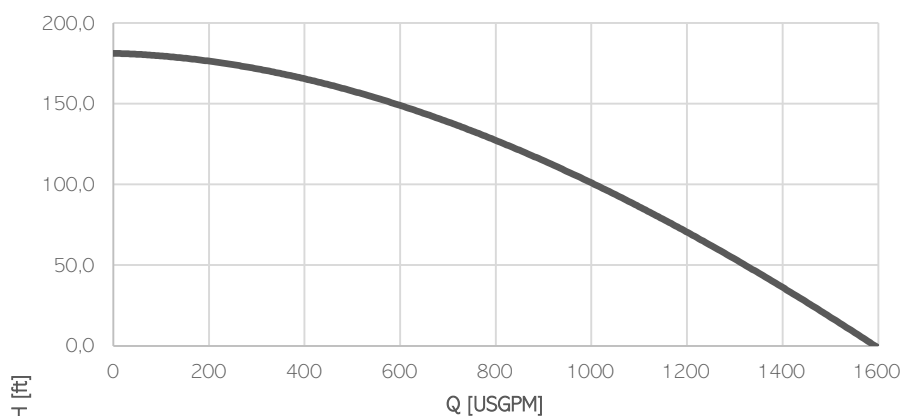


HYDRAULIC PUMP HY50



Ports

- | Service line Ports: SAE J518 1in
- | Case drain Port: DIN3852 M18x1,5

Operating Conditions

- | Max liquid temperature 104 °F
- | Min Submersion depth 17.3 in

Model	HY50
Brake Power [kW HP]	50 67
Efficiency [%]	53
RPM Max	1180
Motor Displacement [cc]	80
Oil flow rate max [l/min]	100
Nominal pressure [psi]	4.350
Max pressure [psi]	5.075
Solid handling [mm in]	35 1.4
Discharge [mm in]	100 4"

Materials

Part	Standard
Casing	Cast Iron EN-GJS500
Body	Cast Iron EN-GJL250
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	HY50	MG	MS
Motor Side	LIPS	MECHANICAL	MECHANICAL
Impeller Side	LIPS	LIPS	MECHANICAL
Oil type	EP320	ISO32	ISO32