



# Dragflow Hydraulic Pump

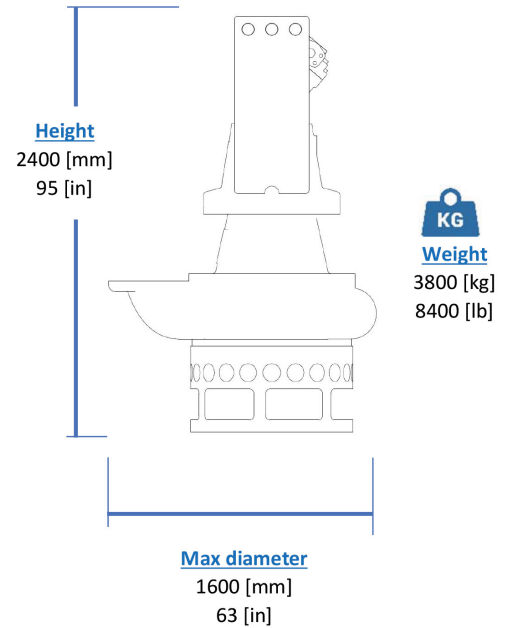
## HY600

**Parts**  
Service line Ports: SAE J518 1 1/4in  
Case drain Port: DIN3852 M33x2

**Operating Conditions**  
Max liquid temperature 40°C  
Min Submersion depth 1400mm

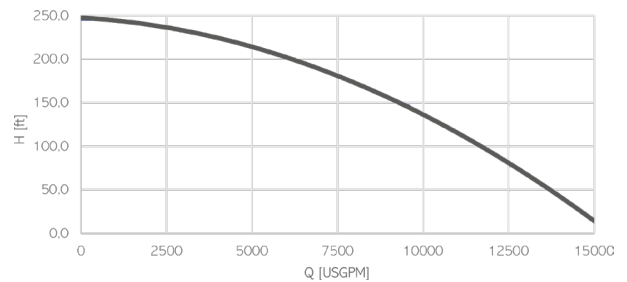
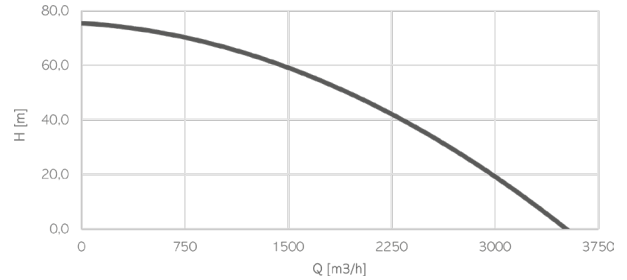
### Model HY600

Brake Power [kW   HP]	475 kW	630 HP
Efficiency [%]	50	
RPM Max	950	
Motor Displacement [cc]	1000	
Oil flow rate max [l/min]	950	
Nominal pressure [bar]	300	
Max pressure [bar]	350	
Solid Handling	120 mm	4.7"
Discharge [DN   PN]	300	PN10



### 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	HY600	MG
Motor Side	LIPS	MECHANICAL
Impeller Side	LIPS	LIPS
Oil type	EP320	ISO32

