



Dragflow Hydraulic Pump

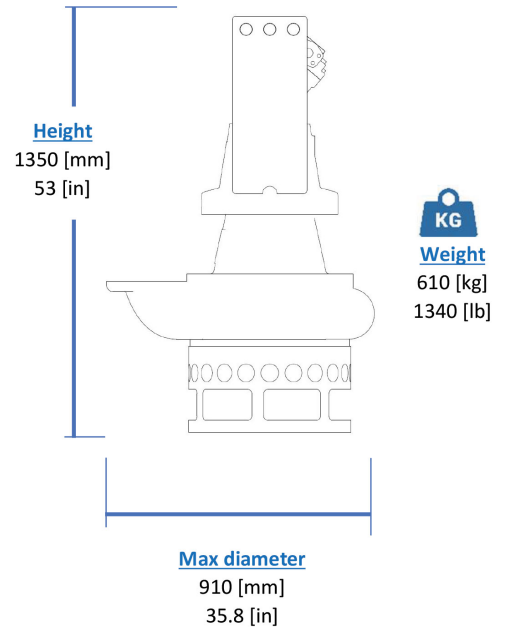
HY50

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

Operating Conditions
Max liquid temperature 40°C
Min Submersion depth 440mm

Model HY50

Brake Power [kW HP]	50 kW	67 HP
Efficiency [%]	53	
RPM Max	1180	
Motor Displacement [cc]	80	
Oil flow rate max [l/min]	100	
Nominal pressure [bar]	300	
Max pressure [bar]	350	
Solid Handling	35 mm	1.4"
Discharge [DN PN]	100	PN10



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

