

Hydraulic Dredge Pump

THY 50HC

PUMP SPECIFICATIONS

Max. Capacity [m ³ /h]	400
Max. Head [m]	28
Impeller diameter	3 blades
Flanged bore size [DN/PN]	DN150/PN10
Solid handling [mm]	50
Efficiency [%]	64

HYDRAULIC MOTOR

Motor displacement [cc]	107
Pressure [MPa]	30
Hydraulic flow rate [L/min]	107
Power [kW]	50
Speed [RPM]	1000

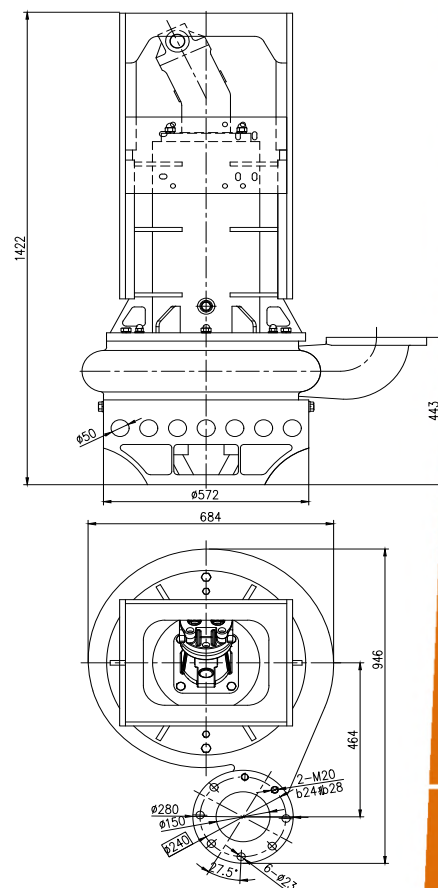
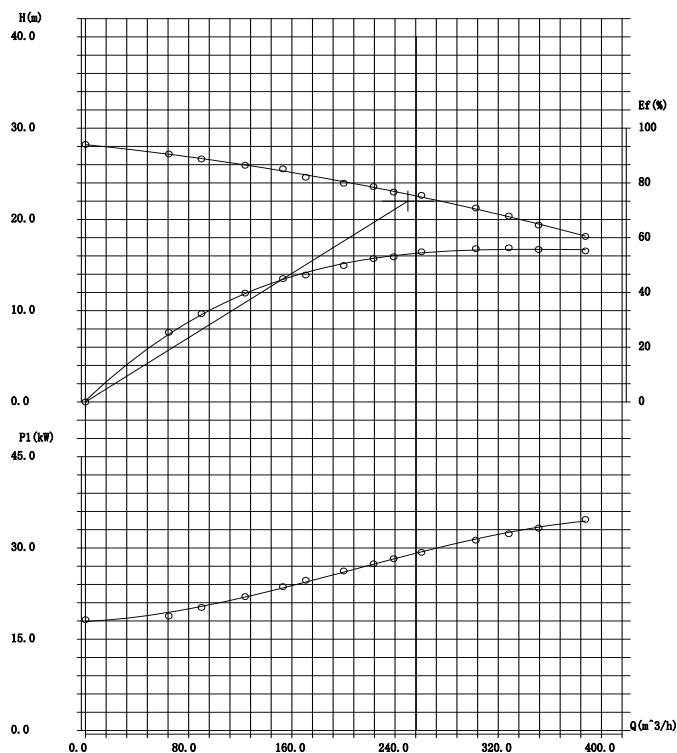
MATERIALS

Casing	Hyperchrome alloy
Motor housing	Spheroidal cast iron EN-GJS-500-7 (EN 1563)
Wear parts	Hyperchrome alloy
Main shaft	40CrMo

SEALS / LUBRICANT

Motor side seals	1 mechanical seal (silicon carbide in oil bath)
Impeller side seals	1 mechanical seal (silicon carbide in oil bath)
Oil type	ISO 32

PERFORMANCE CURVE / DIMENSIONS [mm]



HYDROMAN
(A Tobee Brand)