

Hydraulic Dredge Pump

THY 85/180HC

PUMP SPECIFICATIONS

Max. Capacity [m ³ /h]	925
Max. Head [m]	42
Impeller diameter	3 blades
Flanged bore size [DN/PN]	DN250/PN10
Solid handling [mm]	70
Efficiency [%]	62

HYDRAULIC MOTOR

Motor displacement [cc]	200
Pressure [MPa]	30
Hydraulic flow rate [L/min]	260
Power [kW]	130
Speed [RPM]	1300

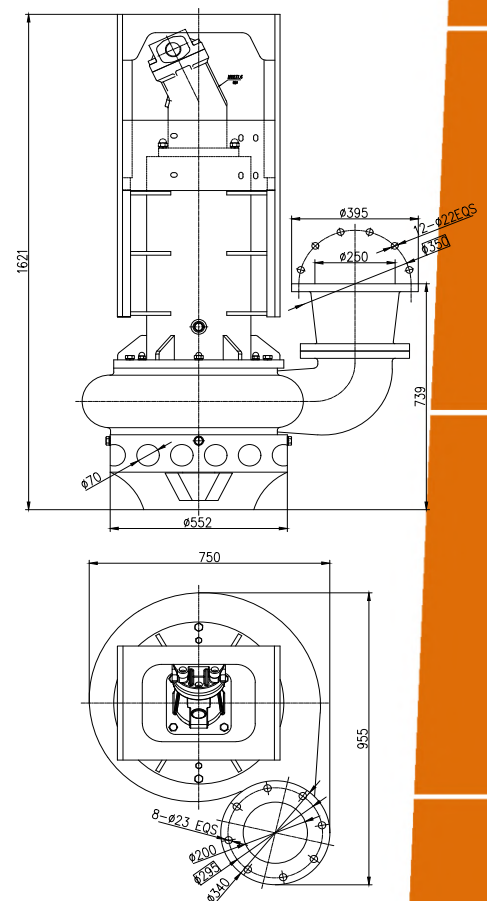
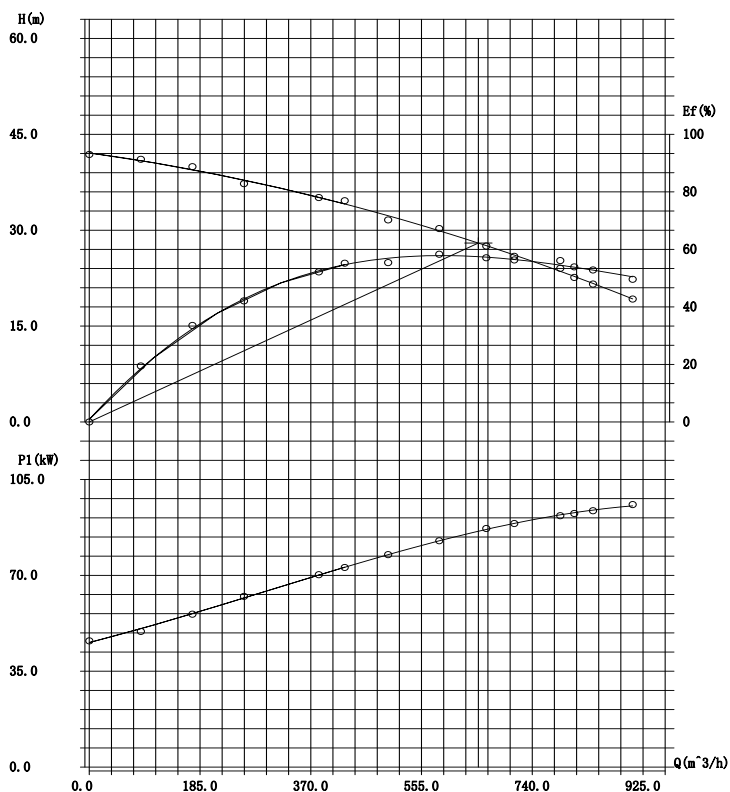
MATERIALS

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)