



**BOOSTER PUMP HRCS 120-25-50**

The HRCS 120-25-50 significantly improves productivity over longer pumping distances and can be used with smaller standard dredgers, as well as larger custom-built vessels.

**GENERAL**

Type : HRCS120-25-50  
 Build : 2009  
 Brand : IHC

**DIMENSIONS**

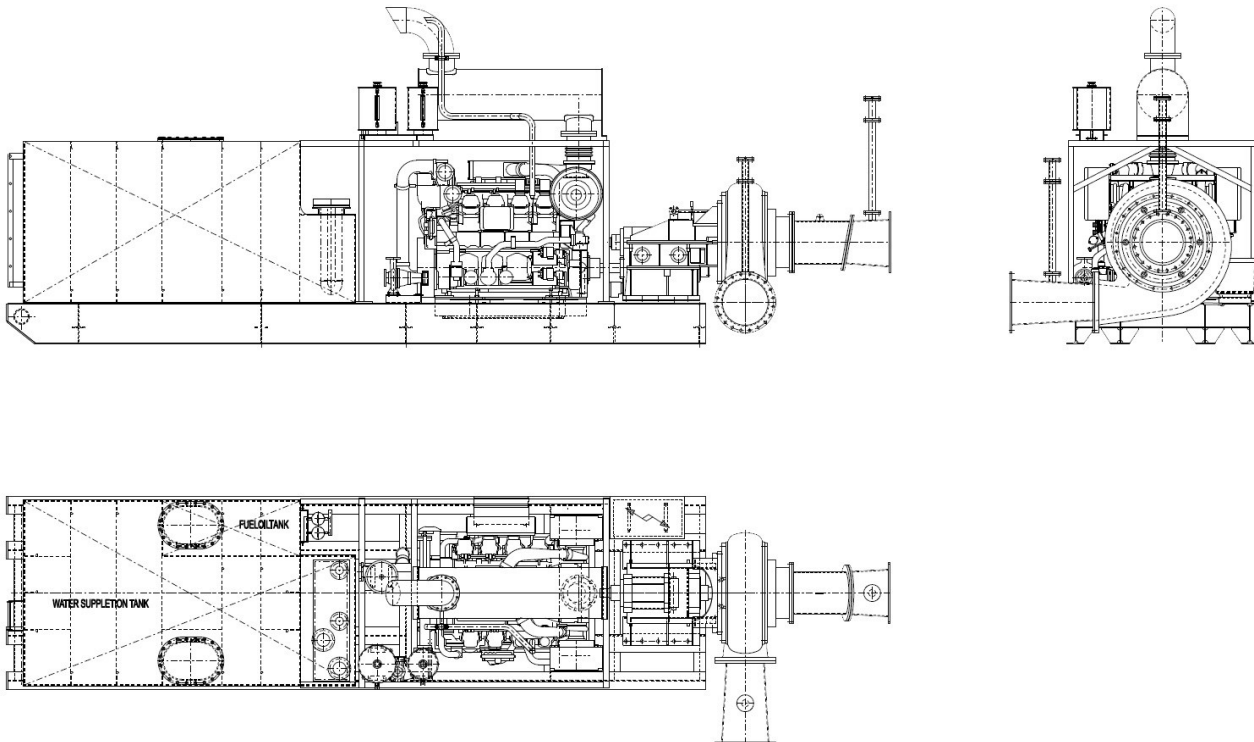
Weight : approx. 20.000 kg  
 Length : 9660 mm  
 Width : 2690 mm  
 Height : 3670 mm  
 Nominal discharge line : DN500 - DN600

**PUMP**

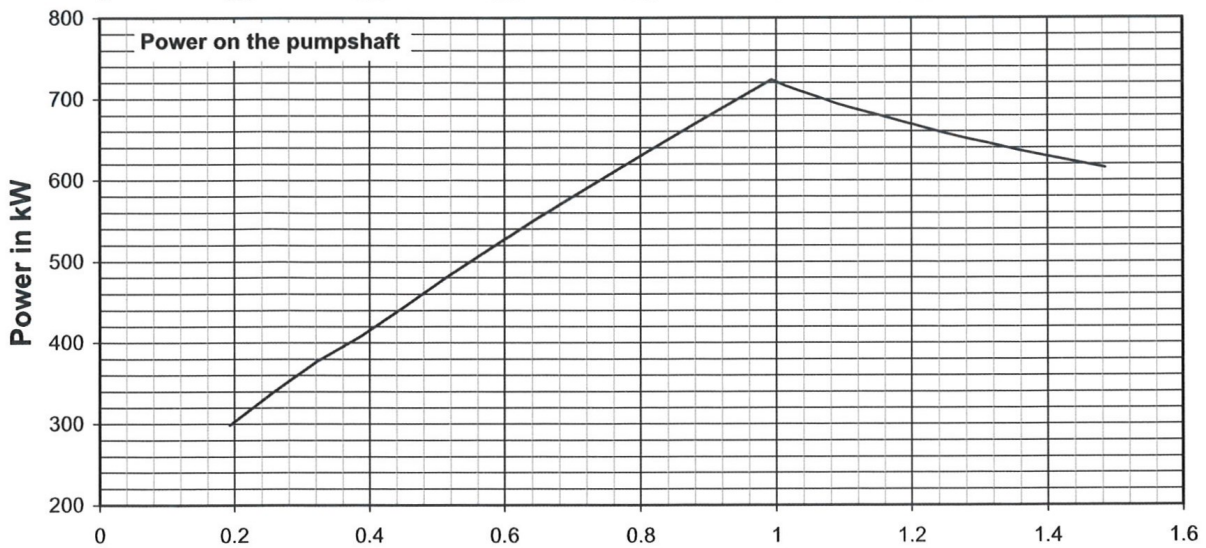
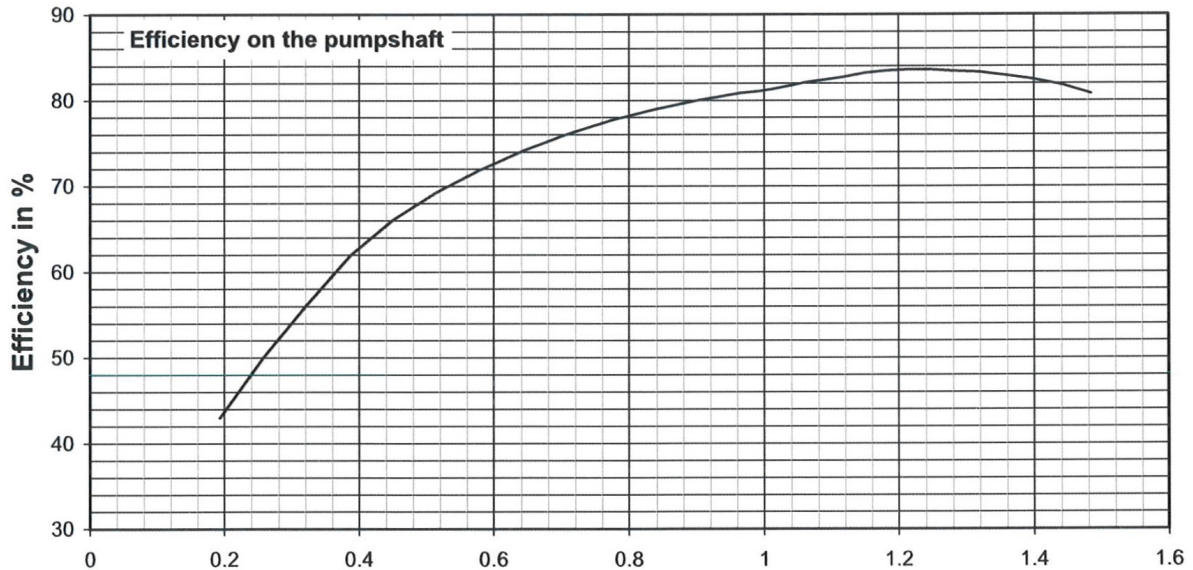
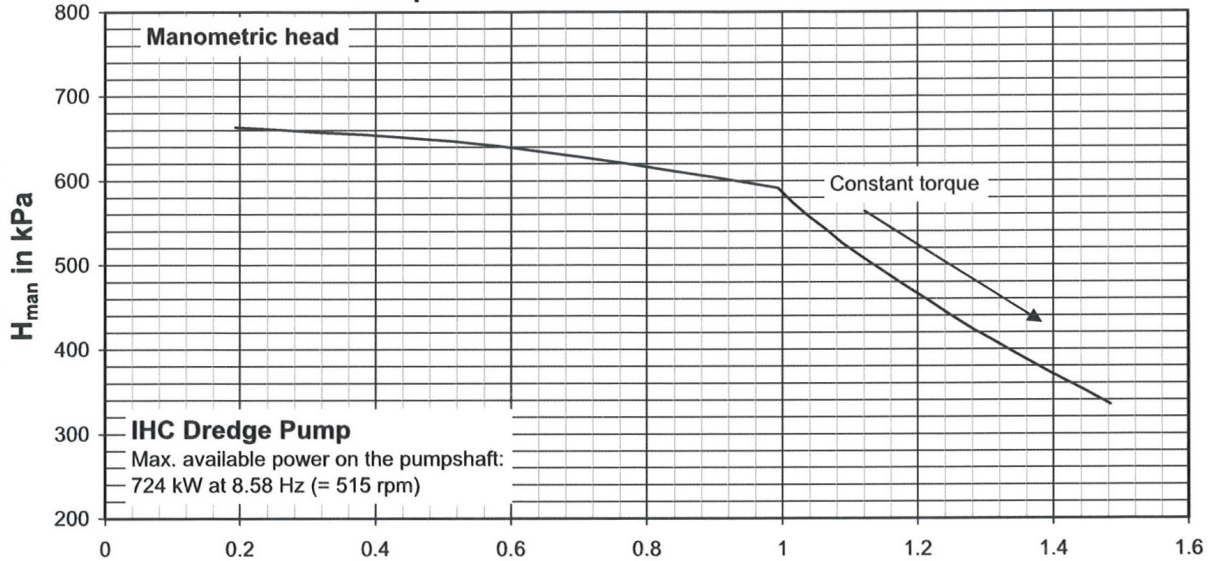
Mixture output : 5000 m3/h  
 Max. pump pressure : 6,5 bar  
 Pump power : 724 kW  
 Pump speed : 8,58 Hz  
 Impeller : 3 blades Gx260Cr27  
 Spherical passage : 250 mm  
 Suction diameter pump : 500 mm  
 Discharge diameter pump : 400 mm

**DRIVE**

Manufacturer : Caterpillar  
 Type : 3508 C-SCAC  
 Power : 746 kW  
 Motor speed (max) : 1600 rpm



**Pump characteristics calculated for water**



**Flow in m<sup>3</sup>/s**

This prognosis is based on measurements according to ISO 2548 (Class C) code for acceptance testing of pumps

- design reference curves based on historical data  
 - design reference curves based on computed prognosis only  
 Neither design curves to be used for contractual purposes