

Data Sheet

Machine: Feed water pump HP

Manufacturer: KSB

Model: CHTC4/9

Serial number

n° of items

2

Year

Pump type: Horizontal centrifugal

Number of Stages: 9

Velocity: 2983 rpm

Efficiency: 79%

Minimum flow: 69,5 m3/h

Pump Input Power: 739 kW

Max Pump Input Power: 771 kW

pressure design: 130 bar

temperature disegn: 200°C

With intermediate discharge

Suction Pressure	8,5 bara
Inlet flow rate	254 m3/h
Inlet temperature	164°C
Outlet flow rate	204 m3/h
Intermediate discharge flow rate	50 m3/h
Outlet pressure	103 bara
Intermediate discharge pressure	40 bara

Without intermediate discharge

Suction Pressure	8,5 bara
Inlet flow rate	254 m3/h
Inlet temperature	164°C
Outlet flow rate	204 m3/h
Outlet pressure	103 bara

NPSH available: 10 m

NPSH required: 6 m

type of seal: mechanical

Bearings: sleeve and roller

Materials:

casing: A276 TP410

Impellers: A217 GpCA15

Shaft: A182 GpF6NM

Electric Motor

Rated power: 850

Number of poles: 2

Phases: 3

Rated Voltage: 6 kV

frequency: 50 Hz