Unit no. DP-19

IKM Testing AS

SUBMERSIBLE PUMP

Dimensions

Length(mm).....: 570 Width(mm).....: 450 Height(mm).....: 970
Weight (kg).....: 155
Lifting/ Transportation.....: Mounted in DNV frame with lifting slings

Construction year

Built.....: 2009

Area of use / certification

Onshore/offshore.....: Onshore

Type

Fabricator.....: ABS
Model.....: J205 HD with soft start

Technical information

Hz v Q-max measure.....: 50
Hz v P-max measure.....: 50
Flowrate1.....: 2 x 333 ltr/min @ 7 Bar (50Hz)
Flowrate2.....: 2 x 1400 ltr/min @ 5 Bar (50Hz)
Flowrate3.....: 2 x 2300 ltr/min @ 2 Bar (50Hz)
Max temp. (GrC).....: 40
Q-max (l/min).....: 4800
P-max (bar).....: 7

Connections

Inlet connection.....: Suction through pump casing
Outlet connection.....: 1 ea ANSI 6" 150# or 4" 150#

Power supply

El.Power1.....: 380-415 V (Hz).....: 50 (kW).....: (A).....: 43

Additional information

Equipment / Functions.....: Material :
Impeller : Cast Iron
Casing : Aluminium
Strainer : Stainless steel

This unit contains two drainage pumps mounted in a DNV certified subsea approved lift frame c/w slings.
Both units are tied into a 6” common header manifold that incorporates double wafer NRV’s.

The header manifold also incorporates flexible pipe expansion bellows which improve rough weather & heavy vessel swell aplications.
The manifold outlets are 1 x 6” ANSI 150RF flange connection for low head flooding applications and 1 x 4” ANSI 150RF flange connection for high head water winning applications up to 70mtr.