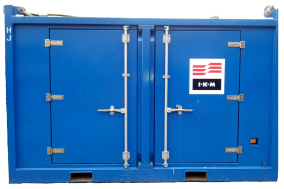
IKM Testing AS



Unit No. HJ-48

LIFT PUMP

Dimensions

Length(mm).....	3550	Width(mm).....	1500	Height(mm)....	2500
Weight (kg).....	8000				
Lifting/ Transportation.:	Container with Forklift channels and Lifting Slings Ref. serial no. frame : HJ – 48				

Area of use / certification

Onshore/offshore.....:	Offshore
Standard.....:	Rig safe
Power (Electrical/Diesel)	Diesel

Technical information

Water Supply.....:	Directly with 2-7 bar feed-water pressure.		
Hz v Q-max measure.....:	N/A (Diesel)	Q-max (l/min).:	60
Hz v P-max measure.....:	N/A (Diesel)	P-max (bar)...:	600
Diesel Tank Volume (ltr):	1000		
Diesel consumption (ltr/hr)	60		

Connections

Inlet connection.....:	4" FIG 206 W
Outlet connection.....:	4" FIG 206 F

Pump(s)

Pump1 (type).....:	Cornell pump 4HC
Pump1 (Cert. No.).....:	230934415.22

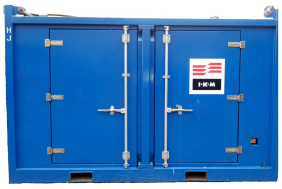
Motor / Engine(s)

Motor1 (type).....:	Perkins-Tier 3 112 hp, Max. 2200 Rpm, Nominal 1800 rpm water cooled, diesel engine. Rated to 112 horsepower @ 2,200 rpm.

Power supply

Fuse (qty).....:	1	Fuse (A).....:	16
El.Power1.....:	230 V (Utility)	(Hz).....:	50/60
Starter.....:	Air Start, Vane motor inertia dive		

IKM Testing AS



Unit No. HJ-48

Additional information

Equipment / Functions...: - Tachometer
- Heavy-duty 12 volt battery, starter and alternator
- Chalwyn engine over-speed valve
- 316 L Stainless Steel Spark Arrestor

- Filter 1-50 micron pre filter before Water Tank and boost pump
- Filter 2-Large Bag filter ensures complete removal of particles down to 25 micron to protect wear parts in the High Pressure Pump

RPM : 1000
- Open press : 1 bar
- Flow rate : 2102
- 50% load : 2 bar
- 100% load : 2.4 bar
- Battery volt : 13.1v
- Engine temp : 77c

RPM : 1250
- Open press : 1.6 bar
- Flow rate : 2632
- 50% load : 2.6 bar
- 100% load : 3.8 bar
- Battery volt : 14v
- Engine temp : 75c

RPM : 1500
- Open press : 2.2 bar
- Flow rate : 3168
- 50% load : 4 bar
- 100% load : 5.4 bar
- Battery volt : 13.8v
- Engine temp : 77c

RPM : 1750
- Open press : 3 bar
- Flow rate : 3723
- 50% load : 5.6 bar
- 100% load : 7.6 bar
- Battery volt : 13.8v
- Engine temp : 79c

RPM : 2000
- Open press : 3.6 bar
- Flow rate : 3981
- 50% load : 8 bar
- 100% load : 9.8 bar
- Battery volt : 14.2v
- Engine temp : 81c