

Hydrau vision



HydrauPack 200 CL H.P.U. Closed Loop

Technical Specification

Nom. working pressure	: 350 bar
Max. working pressure	: 420 bar
Max. output flow	: 450 liter/min. (variable up to 225 bar)
Max. output flow @ 350 bar	: 290 liter/min.
Max. output flow @ 420 bar	: 240 liter/min.
Total engine power	: 224 kW @ 1800 rpm (25 °C)
Effective hydraulic power	: approx. 170 kW (25 °C)
Cooling capacity air / oil	: 100 kW @ dT= 25 °C
Operational temperature	: -20 up to 50 °C
Hydraulic fluid	: H(V)LP ISO VG 46, 68 (or on request)

Overall length	: 2440 mm
Overall width	: 1510 mm
Overall height	: 2210 mm (excl. exhaust pipe)
Total weight excl./ incl. fluids	: 4800 kg / 5825 kg
Hydraulic oil tank capacity	: 500 liter
Fuel tank capacity	: 425 liter

Fluid connections	
Pressure (A and B)	: Q.C. Snap-tite series 75, 2" (male)
Return (T)	: Q.C. 1/2" (male)
Drain (D)	: Q.C. 1 1/2" (male)
Return Cooling (C)	: Q.C. 1/2" (male)
Flush (F)	: Q.C. 1/2" (male)
Filling point	: Q.C. flat face acc. ISO 16028, 1/2" (male)

Detailed specifications : on request

Benefits

- Intelligent electronic control system
- Closed hydraulic circuit with flow control and pressure control
- Connection for electric remote control by Renter
- Certified by Lloyd's Register according to EN12079
- Offshore certified by Lloyd's Register acc. DNV 2.7-1
- Optional additional hydraulic and / or diesel tank
- Optional additional hydraulic cooling system
- For transport purposes exhaust pipe can be replaced by blinding plate and stored in HPU.

Scope of Supply

Included:

- Controller settings to customers specifications
- User manual

Excluded:

- Hydraulic hoses with counter quick connectors
- Remote control
- Transport

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. Hydrau vision reserves the right to change specification without prior notice.

Revision :01
Date :19-02-2018



Diesel-driven stackable Hydraulic Power Unit with a maximum engine power output of 224 kW.
The modular HydrauPack units can be combined.

Example 1:

- 2 HydrauPack 200 CL units totals 448 kW.
- footprint dimensions equals 10 ft. container.

Example 2:

- 2 HydrauPack 200 CL units totals 672 kW.
- 1 HydrauSupport 250C hydraulic cooling unit
- footprint dimensions equals 20 ft. container.

Larger hydraulic outputs are possible by combining more HydrauPacks.

Closed loop Hydraulic Power Unit with integrated charge pump and flush valve in the low pressure side of the closed loop. Incl. 2 pressure relief valves in the A and B line of the closed loop. A boost pump is provided to deaerate the closed loop system.

The HydrauPack 200 CL is sound-insulated.
The HydrauPack 200 CL is assembled according to the EN 12079 including rigging and certified by Lloyd's Register. The container is provided with both 4 lifting points and integrated forklift-trays to ensure easy handling.

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