

Oreiko HYCLCB3000

Double scissor lift 3000kg 220V CE



User manual

Surface mounted double scissor vehicle lift

English edition 01 • 30 September 2026

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 SERVICE ENTRY 1 26

 SERVICE ENTRY 2 26

Read before using the lift

This manual covers safe vehicle positioning, lifting, lowering, routine checks, maintenance precautions and fault reporting. Keep it near the control unit and transfer it with the lift if ownership changes.

The specifications in this manual may change without prior notice

REVIEW EDITION — Technical approval required before release for operational use. The model specific installation data, control sequence and emergency lowering procedure must be completed and approved for the delivered lift. This document does not authorise commissioning.

Equipment identification

Item	Equipment record
Model	Oreiko HYCLCB3000
Serial number	_____
Year of manufacture	_____
Electrical version	_____
Installation location	_____
Commissioning date	_____

Technical support

Oreiko • www.oreiko.com • info@oreiko.com

WhatsApp and telephone +32 478 238 152

When requesting assistance, provide the model, serial number, electrical version, fault description and clear photographs taken from a safe position.

Contents and responsibilities

Section	Page
Equipment identification	1
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Operator

Only trained and authorised personnel may operate the lift. Operators must understand the controls, recognise unsafe vehicle positioning and know how to stop movement. The workshop manager must ensure that training and supervision are appropriate.

Installer and service technician

Installation, electrical connections, hydraulic commissioning, synchronisation, repairs and emergency recovery are reserved for competent technicians using the documentation for the actual HYCLCB3000 version. Operators must not change valve settings or bypass protective devices.

Workshop manager

Keep the lift in safe condition, maintain inspection records and arrange the examinations required at the installation location. Remove the lift from service after damage, unsafe movement or a failed safety check. Keep the vehicle lifting instructions available.

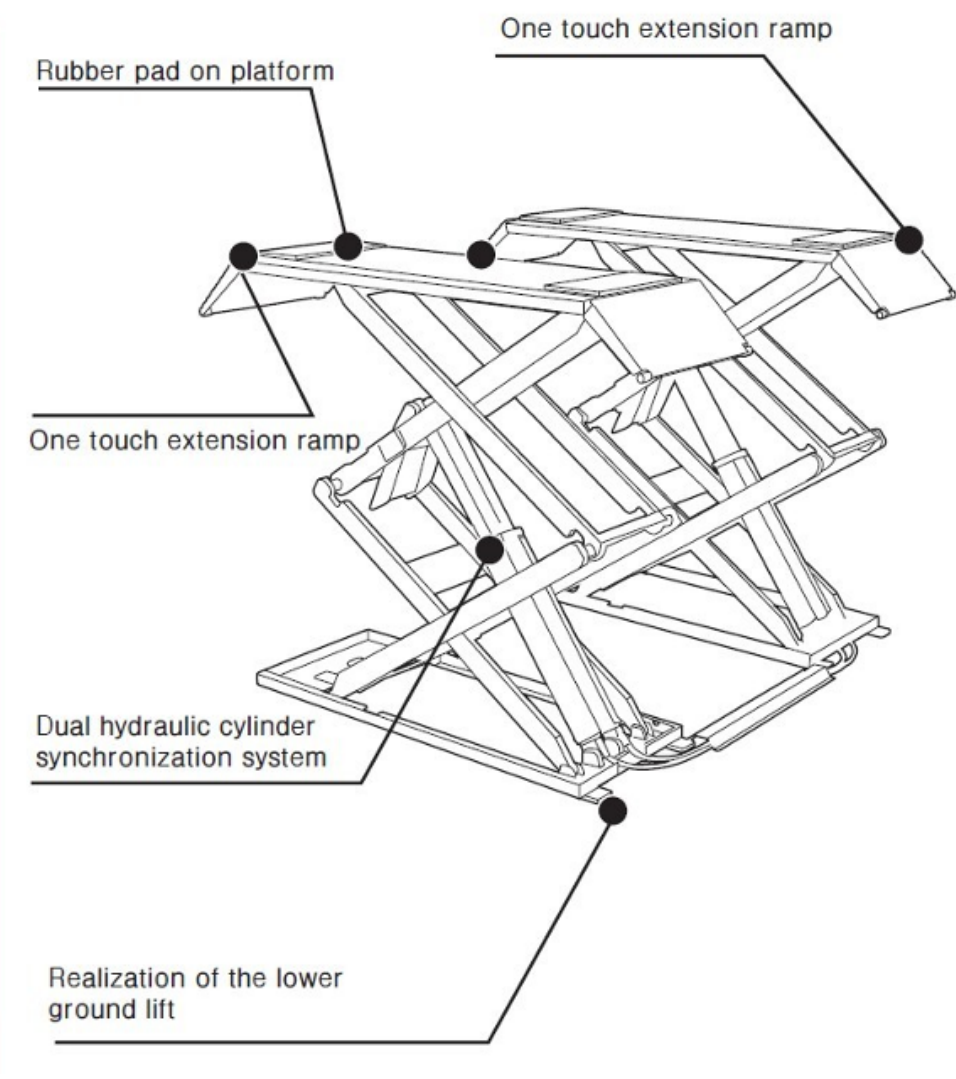
Warning terms

DANGER identifies an immediate serious hazard. WARNING identifies a situation that may cause serious injury. NOTICE identifies information needed to prevent equipment damage or incorrect operation.

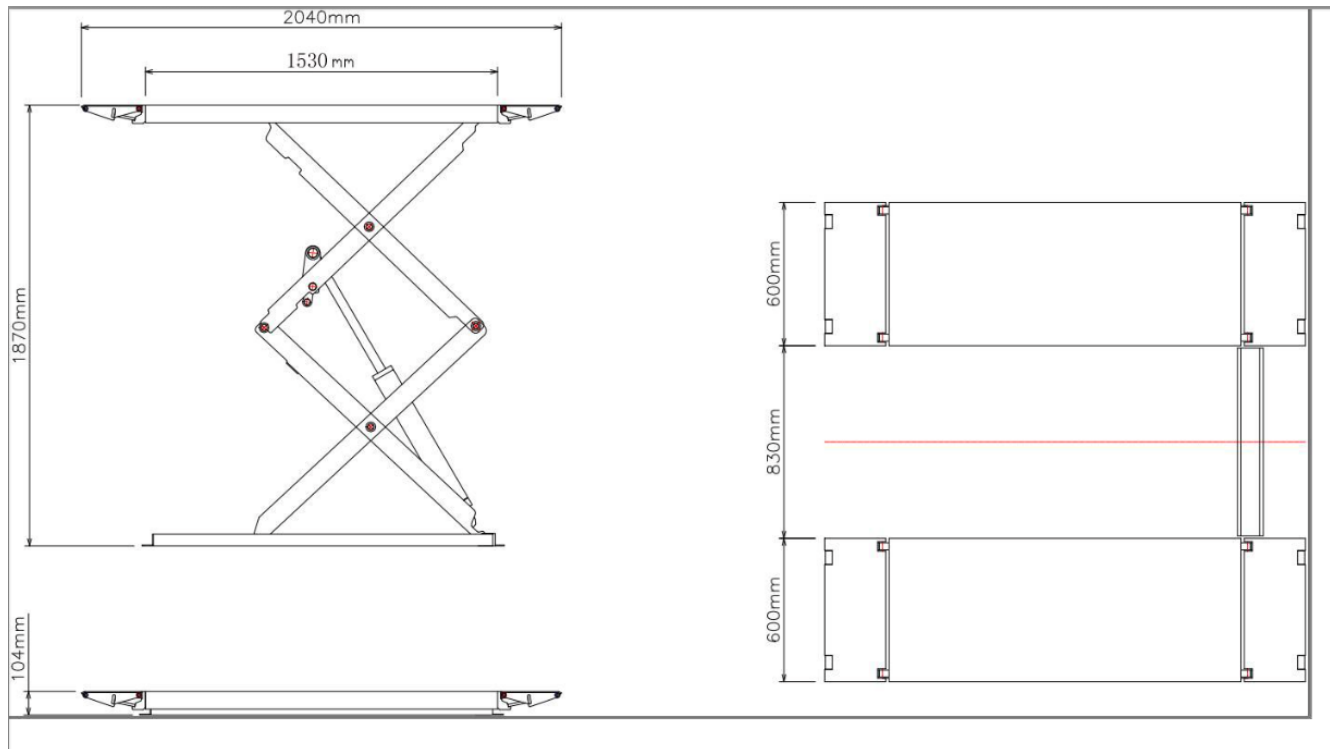
Technical data and equipment

The following published product data identifies the standard HYCLCB3000. Confirm it against the nameplate and documents supplied with the particular unit. Optional electrical versions exist.

Parameter	Published value or requirement
Rated lifting capacity	3,000 kg maximum total supported load
Installation type	Surface mounted double scissor lift
Standard supply	220 V single phase, 50 Hz
Standard motor	2.2 kW
Control voltage	24 V
Maximum platform height	1,870 mm
Minimum platform height	104 mm
Platform length	1,530 mm; up to 2,040 mm with approved extensions
Platform width	600 mm each
Spacing between platforms	Approximately 830 mm; adjustable
Nominal movement time	Approximately 45 seconds; conditions affect actual time
Synchronisation	Dual hydraulic cylinder synchronization system – Master Slave
Safety	Hydraulic parachute valves – NO mechanical lock Automatic lowering stop at 20cm – buzzer – feet protection bars on platforms
Compressed air	Not required in the published standard version



Dimensional drawing



Main assemblies

The lift has two lifting platforms supported by scissor mechanisms and base frames, hydraulic cylinders and hoses, and a separate control and power unit. Rubber lifting pads transfer the vehicle load at the vehicle manufacturer's specified lifting points. Approved platform extensions allow suitable lifting points to be reached.

Protective functions

Published HYCLCB3000 information lists hydraulic load protection, an upper travel stop and an audible lowering warning. The technician must identify and test the fitted devices before handover. Do not assume that a warning signal detects people or obstacles.

Permitted vehicles

Use only for vehicles whose actual mass, lifting points, dimensions and load distribution are compatible with the approved lift limits. A vehicle below 3,000 kg is not automatically suitable. Obtain the permitted load distribution and extension limits before approval.

Safety instructions

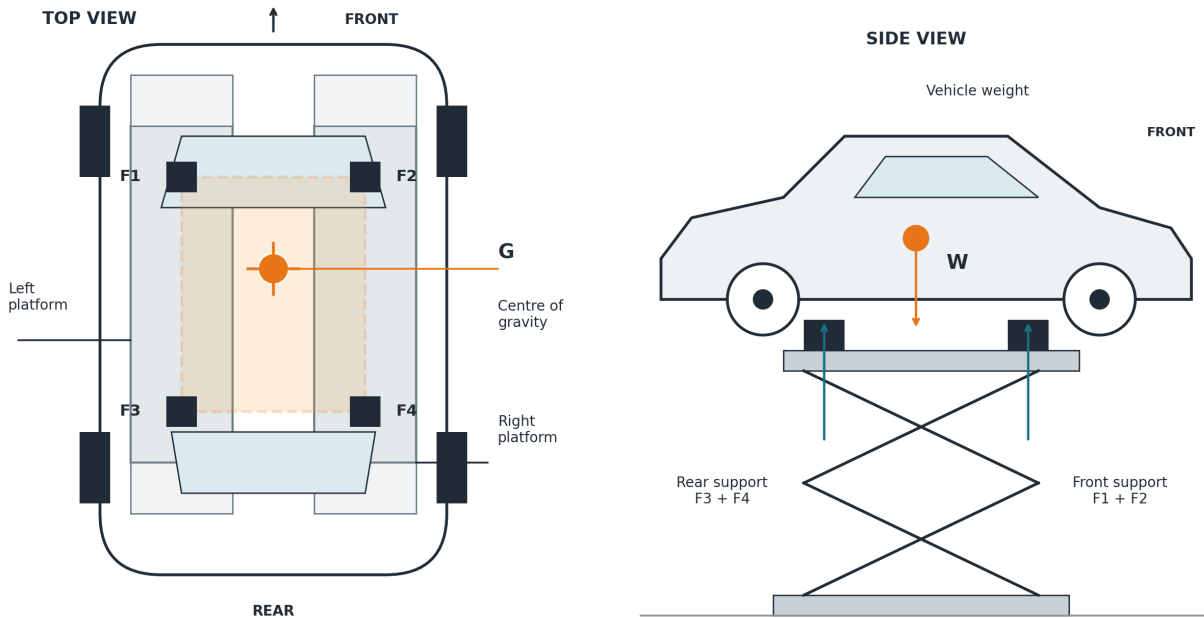
DANGER — A falling vehicle or closing scissor mechanism can kill. Keep everyone outside the danger area during movement. Never put hands, feet or tools between moving parts.

- Never exceed the rated capacity or the approved load distribution. Do not increase hydraulic pressure to lift a heavier load.
- Position lifting pads only at vehicle manufacturer approved lifting points. Never lift against an underbody cover, battery casing or damaged sill.
- No occupants may remain in the vehicle during lifting or lowering. Do not climb onto a raised vehicle or platform.
- Do not use the lift for people, suspended loads, pulling, straightening or lifting an incompatible object.
- Do not operate with missing guards, damaged hoses, loose anchorage, distorted components, defective pads or an unresolved safety fault.
- Do not disable switches, alarms, hydraulic protective valves or any other safety device. Never wedge a control button in the operating position.
- Keep the floor and platforms clean. Remove oil, water, debris and loose tools. Keep hoses and cables protected against traffic and crushing.
- Operate from the designated control position with a clear view of both platforms and the vehicle. Stop immediately if visibility is lost.
- Do not move or reposition the lift with a vehicle on it. Do not drive onto partially raised platforms.
- Do not start the vehicle engine while raised. Follow separate workshop procedures for electric vehicles, high voltage systems and fuel related work.

Oreiko HYCLCB3000

Vehicle load distribution on the lifting platforms

Illustration only. Not to scale. No permitted front/rear or left/right load ratio is specified.



$$F1 + F2 + F3 + F4 = W$$

Four approved lifting points must remain fully supported.

Position pads at the vehicle manufacturer approved lifting points. Load limits require model specific confirmation.

Working beneath the vehicle

Enter beneath the vehicle only after movement has stopped, stability has been checked and the approved working support condition has been established. Prevent unintended operation. Never assume that mechanical locks are fitted; verify the actual load holding arrangement during commissioning.

Changes in vehicle balance

Removing an engine, gearbox, traction battery or other heavy component can shift the centre of gravity. Plan the job using the vehicle manufacturer's instructions and suitable approved supports. Stop if the load may become unstable. Never attempt to steady a falling vehicle by hand.

Personal protection and workshop conditions

Wear safety footwear and suitable work clothing. Use gloves and eye protection for handling and servicing tasks as appropriate. Provide adequate lighting, clear escape routes and safe overhead clearance. Keep unauthorised persons away from the operating area.

Danger/warning/caution

Rules for illustrations in the Manual.

These are the rules for the illustrations in the manual. Make sure that you read them and understand them.



	Make sure you follow the instructions, otherwise critical injuries can occur.
	Make sure you follow the instructions, otherwise critical injury or damage can occur.
	Make sure you follow the instructions; otherwise, injury or damage can occur
	The terms are described to enhance the understanding of the equipment.
	Information to use the equipment efficiently.
	Precautions or check points for the use of the equipment.
	Please refer to the page


Danger

Do not come under the vehicle during operation.
► It may cause severe injuries.



Evacuate to a safe place instantly in the event that the vehicle tips.
► It may cause severe injuries.



Do not overload the rated capacity.
► It may cause severe injuries.



※Not following the instructions can lead to a critical accident involving your life. Make sure you follow the instructions.


Warning

Warning before using the equipment

Only trained personnel may operate the equipment. Inexperience can cause accidents.



Position the vehicle to make sure that it is balanced front and rear, right and left (otherwise the vehicle may fall off).



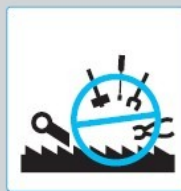
Do not operate damaged equipment (a critical accident could occur – contact your supplier)

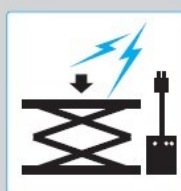


After a vehicle is placed on the lift make sure that the hand brake is applied. Passenger transport is forbidden.



Warning while operating			
Allow no unauthorized persons in the work area.	Before lowering the lift, check that there are no obstructions under the vehicle or the lift arms.	When the vehicle is lifted, do not rock it as this may dislodge it.	Do not lift a vehicle using one pair of arms only.
			

Warning while operating			
To avoid injury, keep your feet clear of the arms and carriages.	Before going under the lift, make sure that the safety pawls are engaged.	To avoid being electrocuted, disconnect the main power before opening the control panel.	Do not modify the control panel or the safety functions as this may impair their function.
			

Warning when operating		Warning before using the equipment	
Do not rock the vehicle when lifted. Do not use a high pressure cleaner as the vehicle lower part.	Read and fully understand the manual before using the lift	Check the safety devices to see that they are clean and operable.	If the lift is idle for a long time, disconnect the main power supply. In the event of thunder storm, disconnect the main power supply.
			

Transport and installation

Receipt and storage

Check delivered items against the packing list. Record damage before unpacking and report missing or damaged parts. Keep packaging away from children. Store components in a dry, protected location and protect controls and hydraulic connections from contamination.

Safe handling

Handling must be planned by competent personnel. Establish the actual package mass and centre of gravity before lifting. Use equipment with adequate capacity and only the approved lifting or fork engagement points. Keep people clear of suspended loads; do not lift from hoses, cylinders or unapproved structural members.

Installation prerequisites

Obtain the HYCLCB3000 installation drawing and anchoring specification before drilling or mounting. Verify the concrete strength, slab thickness, condition, reinforcement and distance from edges, joints, drains and voids. A visibly sound floor alone is not proof of suitability. A competent person must approve the supporting structure.

The installation plan must provide the prescribed platform alignment, safe working area, access to controls and sufficient clearance for the highest vehicle throughout full travel. Protect connections and provide lighting without obstructing inspection or maintenance.

Electrical and hydraulic connections

A qualified electrician must verify the nameplate supply, protective earth, isolator, cable size and required protective devices. Do not connect a 400 V version using the standard 220 V specifications. Isolate and verify absence of voltage before opening the cabinet.

A competent service technician must identify the hydraulic ports from the correct circuit drawing, connect the hoses without twisting or abrasion and use the approved oil grade and quantity. Do not copy the hose connections, pressure settings or filling procedure from another lift.

Commissioning

Before use, the technician must complete anchoring and alignment checks, inspect connections, carry out the approved filling and synchronisation procedure and test the controls and safety functions. Unloaded and loaded tests must follow the HYCLCB3000 commissioning procedure. Operators must not conduct improvised overload tests.

Handover

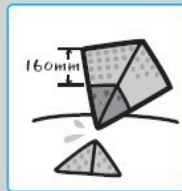
Record the results on page 11. Handover must include operator training, identification of the safe working support condition, normal lowering and final descent, isolation and the approved emergency recovery procedure. Do not release the lift with unresolved defects.

	The lift should be installed by skilled engineers either or appointed representatives. Failure to observe this makes the lift warranty invalid. If the lift is to be moved to another site at a later date, it must be reinstalled by skilled engineers either from appointed representatives.
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Checklist before installing

Installation site

The site must be flat and horizontal. The floor must have minimum 160mm depth of reinforced concrete.



Surface load under the posts must be minimum 25N/mm².

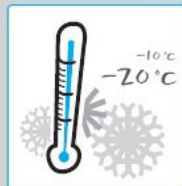


To maintain the warranty, the lift is intended for indoor installation only. In the event that it is installed outside it should be protected from snow and rain. Outdoor installation makes the warranty invalid.



Installation site

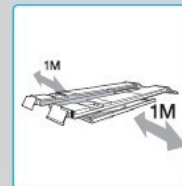
Ambient temperature -10°C to 50°C. Do not operate under freezing conditions.



Vehicle access to the lift must be safe and easy.



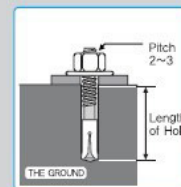
There must be a safe working distance of minimum 1m between the lift and the wall or any fixed object.



Installation site

- Hoist to be installed in dry location.
- If hoist is installed in a sufficient fit, the drainage should allow to keep hoist dry.
- If hoist gets wet make sure all electrical wiring is dried before operation as it could cause electric shock or damage to PCB.

To ensure that the anchor is secure, the hole for an anchor bolt must be more than 2/3 of the bolt length.

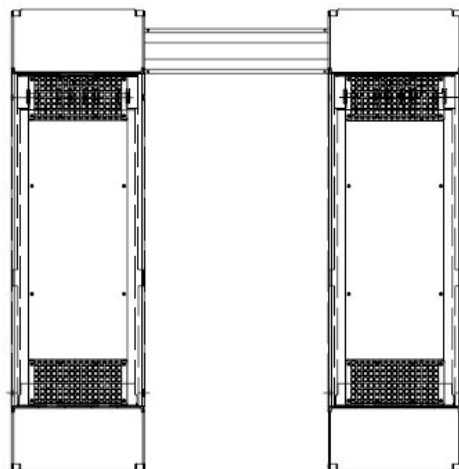
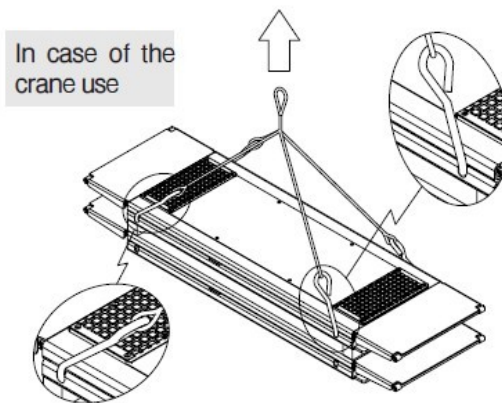
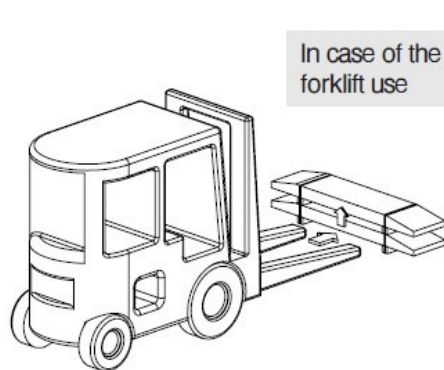


Skilled engineers sale representative agency shall install the lift, otherwise a failure may occur.



Landing down the product at the place to be installed

- Place the lift main body at the place to be installed referring to layout document.
- Fixing the product after checking the caution notes.



■ Fixing the base with anchor bolt

- Fix the 8pcs Anchor bolt of the base plate and 2pcs Anchor bolt of the control panel after supporting lift using liner.

■ Fixation horizon of the base

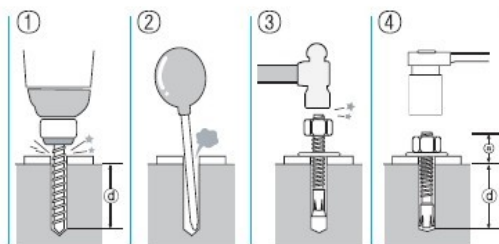
- After adjusting horizon of the product precisely, fix up using anchor bolt.

1 Adjust the level of the base

After measuring the horizontal status, lay down the lie.

2 Fixation of base (anchor)

After adjusting the level, fix up the base platform using anchor.



Anchor bolt installation.

- (1) Drill a hole (d: hole depth)
- (2) Clean the inside of the hole
- (3) Put the anchor bolt into the hole and hammer in until it reaches the bottom of the hole
- (4) Tighten the bolt with a spanner.
(a: 35~45mm)
- Torque : 80~100N.m

Start testing

Make sure that all people and other items are not in the work area.

Check if the supply voltage of the electrical system is equal to the voltage of the control box of the lift.

Ensure that the control cabinet is powered on.

Oil tank is filled (about 15 liters or more).

Turn on the power to turn on the main power switch.

Check that the direction of rotation of the motor is the same as on the label (only for 380V)

Synchronisation procedure (important : NO LOAD on the lift!):

Pushing the synchronization button on the outside right of the cabinet. The platforms will rise with height differences. When both platforms are at maximum height, continue the push the synchronization button for at least 5 minutes. Now keep continue pushing the synchronization button and check the plastic transparent return pipe for air bubbles. When no air bubbles are returning, stop the synchronization button. The lift is now synchronized. The whole procedure can take up to 10 minutes.

After a period of use, if you find that the two tables are not in the same horizontal position, you can re-adjust the method as described above.

Testing and inspection

Mechanical inspection: the platform and the bottom of the lock on the slide position with lubricating oil.

With 8 feet bolts minimum size 16mm, so that the lift fixed to the ground.

Check if the bolts are tightened.

Wipe all the parts of the machine clean.

Electrical check: Connect as shown.

Make the lift connected to the ground.

Check the following devices, limit switches.

Hydraulic system detection: check the oil in the oil tank to meet the work needs, check no leakage, and check the cylinder action.

Set and debug

No load detection: So that the lift to carry out two or three movements to check; lift to reach the maximum height, the correct operation of the maximum height limit switch, the correct operation of the drop limit.

Load detection: check the oil line is leaking, the foot assembly is solid, all above normal can be tested, with the locomotive experiment, but the first time not to lift too high, should gradually increase the height, load 3000kg run 2-3 times, No abnormal noise and leakage, and lifting time and lifting height are in line with technical parameters, the end of the test. If the two tables are not in the same plane, please refer to the previous relevant operational procedures, the machine will be adjusted to a steady state. After the normal test, can be put into normal use.

Check the screw: After loading the test, please check the machine's screws, nuts are tightened.

Controls and daily checks

Identify the actual control panel

The names below describe functions; they are not a verified diagram or button layout. The approved edition must contain a labelled photograph of the delivered HYCLCB3000 panel and the exact sequence for each function.

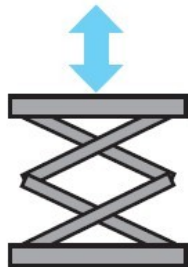
Function	Operator instruction
Main isolation	Identify the OFF position and the method used to prevent reconnection. Electrical isolation does not remove hydraulic stored energy.
Raise	Use the labelled raising control after clearing the danger area. Confirm at handover whether it operates only while held.
Lower	Use the labelled lowering control and the approved sequence. Confirm any preliminary movement or release function.
Emergency stop if fitted	Identify its location and reset method. Reset only after the cause has been removed.
Synchronisation or service controls	For authorised technicians only. Do not use them during routine vehicle lifting.

Before each shift

- Check for cracks, distortion, loose fixings, damaged guards and evidence of movement at the base frames.
- Inspect visible hoses and cables for leaks, abrasion, pinching and loose supports. Do not use hands to search for a hydraulic leak.
- Check that all lifting pads and extension retaining components are present, clean and undamaged.
- Confirm that the platforms and surrounding floor are free of obstructions and slippery contamination.
- With no vehicle present, check normal movement and stopping from the safe control position according to the handover procedure. Observe that both platforms remain level and move together.
- Check the fitted warning and stopping functions using the approved safe test method. Never test protection by placing a person or body part in the mechanism.

WARNING — If a check fails, stop, isolate where safe and mark the lift out of service. Report the fault. Do not repeatedly operate it to see whether the fault disappears.

Check points before operation



Before loading the lift, check the following points.

■ Test operation

► Operate ascent and descent 2~3 times under no load condition.

■ Switch operation

► Check that the ascent and descent push buttons are working correctly.

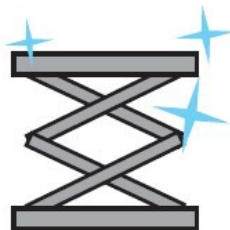
■ Hydraulic check

► Check if there are no hydraulic leaks from either cylinders, pipes, or hose joins.



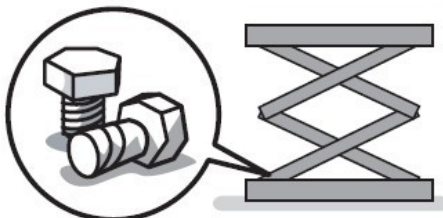
■ Mechanical check

► Check the tightness of all nuts, bolts, etc.



■ Exterior check

► Check the exterior of the lift to ensure that there is no obvious damage.



■ Cleanliness

► Check every day that the lift is clean and that the work area is clean and free from debris or obstructions.

Inspect the lift everyday to operate the lift safely for a long time.

Lifting and working on a vehicle

Prepare the vehicle

1. Confirm the actual vehicle mass, including its load, is within the lift rating. Check the approved distribution limits and lifting points.
2. Fully lower the platforms and ensure the drive on path is clear. Set extensions only in their approved configuration. Confirm they are correctly secured.
3. Drive slowly into the designated position. Centre the vehicle according to its lifting points and balance requirements. Stop the engine and have everyone leave the vehicle.
4. Secure the vehicle against unintended movement as instructed by the vehicle manufacturer. Do not adopt a universal gear selection rule for every vehicle.
5. Place approved rubber pads at all required lifting points. Ensure full seating and adequate clearance for the underbody throughout the lift. Do not stack loose blocks or use homemade spacers.

Initial lift and stability check

1. Clear the danger area. Stand at the controls and raise just enough to engage all pads and take the vehicle load.
2. Release the control. From a safe position, check pad engagement, vehicle balance and equal platform movement. Do not crawl underneath for this first check.
3. If any pad is misplaced or the vehicle tilts or slips, lower it safely and correct the positioning. If safe lowering is uncertain, secure the area and request technical assistance.
4. Only after satisfactory checks, continue raising to the working height while watching both platforms and the vehicle. Stop for uneven movement, unusual noise, vibration, leaks or interference.

Establish the working condition

Release the movement control and confirm that the lift holds steadily. Establish the approved load holding or locking condition demonstrated at commissioning. Prevent accidental operation before anyone enters beneath the vehicle. No work may begin while the lift is moving or while support is uncertain.

During the job

Avoid forces that can move the vehicle on its pads. Do not use the lift as a support for pulling or straightening equipment. Reassess vehicle balance before removing major components. Keep the operator and other personnel informed before any change of lift height.

WARNING — The extensions and rubber pads have operating limits. Use only their approved positions and combinations; platform length alone does not establish the permitted lifting arrangement.

Lowering and abnormal situations

Normal lowering

1. Ensure all persons are out from beneath the vehicle and outside the danger area. Remove tools, stands, equipment and other obstructions from the entire descent path.
2. Check that vehicle components, hoses and workshop equipment cannot catch during descent. Confirm the platforms can reach their fully lowered position.
3. Use the approved lowering sequence from the control position. Observe both platforms continuously. Keep hands and feet clear of the platform edges and scissors.
4. If the lift pauses for final descent, check the area again before using the approved confirmation function. The warning buzzer does not make the area safe.
5. Stop immediately if a platform lags, the vehicle shifts or an obstruction appears. Never reach into the mechanism while movement is possible.
6. Once fully lowered and the vehicle is supported by its wheels, remove pads where required, return extensions to the approved drive off position and check the exit path. Drive off slowly.

Unexpected movement or instability

Release the operating control and use the emergency stop if fitted and needed. Warn others and keep everyone clear. Isolate the lift when safe, label it out of service and contact technical support. Do not enter beneath an unstable load or try to hold it by hand.

Power failure

Stop work and keep the area clear. A power failure does not establish that the vehicle is safely supported. Do not open hydraulic fittings or operate unlabelled valves. Restoration of power must not lead to unattended movement; check the controls and surrounding area before restarting.

Emergency lowering

WARNING — Emergency lowering is a service recovery operation. Only a trained technician may perform it using the HYCLCB3000 procedure for the actual hydraulic version. The valve identification, release sequence and method of maintaining platform synchronisation must be confirmed before approval.

Until the approved procedure is available, secure the area and contact OreikO. Never loosen a hose, force a valve, bypass a protective device or lower one platform independently. A load holding valve or synchronisation fault may require a separate supported recovery plan.

Injury or hydraulic injection

Follow the workshop emergency plan and call emergency services when necessary. A suspected hydraulic fluid injection injury requires urgent medical treatment, even if the wound appears small. Do not attempt rescue beneath an unsupported vehicle.

Maintenance and inspections

Make the equipment safe

Only competent personnel may service the lift. Remove the vehicle where safe. Isolate and lock out the electrical supply; retain control of the key and verify isolation. Follow the approved procedure for hydraulic stored energy. Where raised parts are unavoidable, use the manufacturer approved maintenance supports before entering the mechanism. Electrical isolation alone cannot prevent a hydraulic descent.

Operator care

Keep accessible surfaces clean using suitable mild products and a cloth. Do not direct high pressure water, steam or solvents at the lift, electrical cabinet, cylinders or connections. Remove spills promptly and keep labels legible. Operator care does not include opening the cabinet, adjusting valves or dismantling cylinders.

Inspection planning

The daily checks on page 6 apply before each shift. The competent service provider must set and document a maintenance schedule for the actual lift, duty cycle and environment. The following list defines items to include; it does not replace the approved model specific intervals.

- Structural condition, scissor pivots, rollers, guides, base frames and platform extensions.
- Anchors, foundation condition and alignment; use only the specified verification and torque procedure.
- Hydraulic hoses, fittings, cylinder rods, seals, fluid condition and leak prevention. Replace damaged hoses before further use.
- Electrical cables, protective earth, isolator, controls and protective devices.
- Platform synchronisation and hydraulic load holding performance.
- Travel limits, descent warning and any stopping, confirmation or locking functions fitted.
- Pads, labels and all guards, including hose protection.

Lubrication and hydraulic oil

Use only the confirmed HYCLCB3000 lubrication points, lubricant specifications and intervals. Keep lubricant off lifting pads and vehicle contact surfaces. Check hydraulic fluid using the approved platform position and level method. Do not mix unspecified oils. Record oil additions and investigate any unexplained loss.

Periodic examination and return to service

Arrange examinations required by the competent authority and the workshop's inspection plan. After repair, relocation, abnormal loading or a safety related fault, the competent technician must determine and complete the necessary tests before release. Record work, findings, replacement parts and the next inspection date. Collect used oil and contaminated material for authorised disposal.

Equipment maintenance and service



► Periodic grease and oil injection maintain the product to be safe.



Lubrication

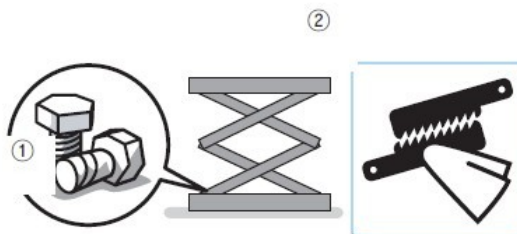
► Grease or oil should be applied every 2 or 3 months to the parts shown below.

1 Injecting grease

► Inject enough grease at shaft of auxiliary lift and roller. (2~3 month period)

2 Injecting oil

► Location of injecting lubricating oil
- Paints the lubricant oil to the rubbing surface, base platform every 2~3 month.

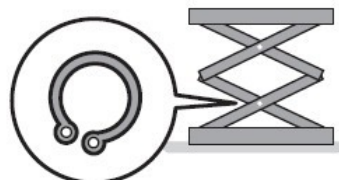


Cleanliness

① Check the working area under and around the lift for cleanliness. Check visibly if any nuts or bolts are loose or missing. Replace and retighten as necessary.

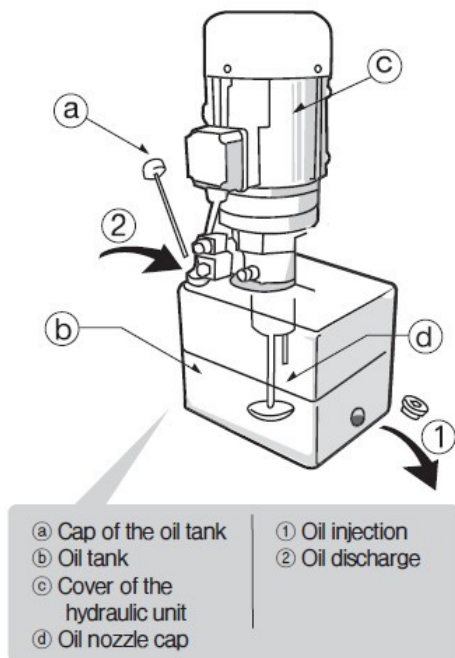
② Safety devices

Check the area around the safety devices for cleanliness and any obstruction.



Check the snap-ring of the link axis

► Check the existence of the inside and outside of the link axis.



3 Oil change

Oil should be changed 3 months after installation and thereafter annually.

Oil change procedure

- ① Remove the cover of the hydraulic unit.
- ② Remove the oil filter cap and dipstick. Carefully remove the oil drain plug and allow the oil to discharge into a suitable container.
- ③ Refit the drain plug and tighten.
- ④ Refill the oil tank with new oil.
- ⑤ Check with the dipstick that the level is correct, raise and lower the lift and recheck that the level is still correct.



At the annual oil change, after having drained the oil tank, remove the oil tank from the pump and check the condition of the pump filter. Clean or replace as necessary. Replace tank and follow the above procedure.

Troubleshooting and service

Operator checks are limited to safe external observations. Do not remove covers, bridge switches, repeatedly reset electrical protection or adjust hydraulic pressure.

Symptom	Safe response
No movement	Check externally that the supply is available and controls are in their normal operating state. If unresolved, isolate and call service.
Motor runs but lift does not rise	Stop. Check the declared vehicle mass and visible leakage from a safe position. Service must check oil, valves, pump and the circuit.
Platforms move unevenly	Stop immediately, clear the area and call service. Do not use the synchronisation control with a vehicle raised.
Lift does not lower	Check the descent path from outside the danger area. Do not crawl underneath, force a control or open a valve. Call service if normal approved lowering is unavailable.
Slow or jerky movement	Stop and report the symptom. A technician must check the hydraulic system and mechanical condition.
Oil leakage or hose damage	Remove from service. Do not touch a pressurised leak or tighten a live fitting.
Lift creeps down at rest	Keep everyone clear and request urgent service. Do not work beneath the vehicle.
Alarm or travel stop fails	Remove from service until the protective function has been repaired and tested.
Electrical protection trips	Stop and call a qualified technician. Do not repeatedly reset or fit a larger protective device.

Ordering replacement parts

Provide the lift model, serial number, year, electrical version and a photograph or approved part reference. Use parts approved for this version. A visually similar valve, hose or switch may have different safety characteristics. Repairs must be recorded and followed by appropriate functional checks.

Decommissioning

Dismantling and relocation require a competent technician. Remove loads, isolate supplies, safely control stored energy and support heavy assemblies before disconnecting or releasing anchors. Separate oils, electrical items and metals for appropriate disposal. Recommission after relocation.

Commissioning and approval record

Complete before issuing this manual for operational use. Approval must apply to the actual lift and its supplied documentation.

Release item	Confirmed reference or result
Nameplate and serial number	_____
Electrical supply and protection	_____
Maximum height and travel limits	_____
Permitted load distribution	_____
Extension and pad limits	_____
Foundation and anchor specification	_____
Installation and clearance drawing	_____
Hydraulic circuit and port identification	_____
Oil grade, volume and level method	_____
Synchronisation procedure	_____
Control panel and normal sequence	_____
Working load holding condition	_____
Emergency lowering procedure	_____
Maintenance schedule	_____
Commissioning and safety test results	_____
Declaration supplied with equipment	_____
Operator training and handover	_____

Outstanding actions and restrictions

Technician name and signature _____

Approval date _____ Manual revision _____

Inspection and maintenance record

Keep this record with the lift. Add continuation sheets when required. Record defects, corrective work, test results and the person authorising return to service.

Service entry 1

Date _____ Lift serial number _____

Technician or inspection body _____

Operating hours or duty information _____

Checks performed and findings

Corrective work and parts fitted

Test results and release decision _____

Next planned inspection _____

Name and signature _____

Service entry 2

Date _____ Lift serial number _____

Technician or inspection body _____

Operating hours or duty information _____

Checks performed and findings

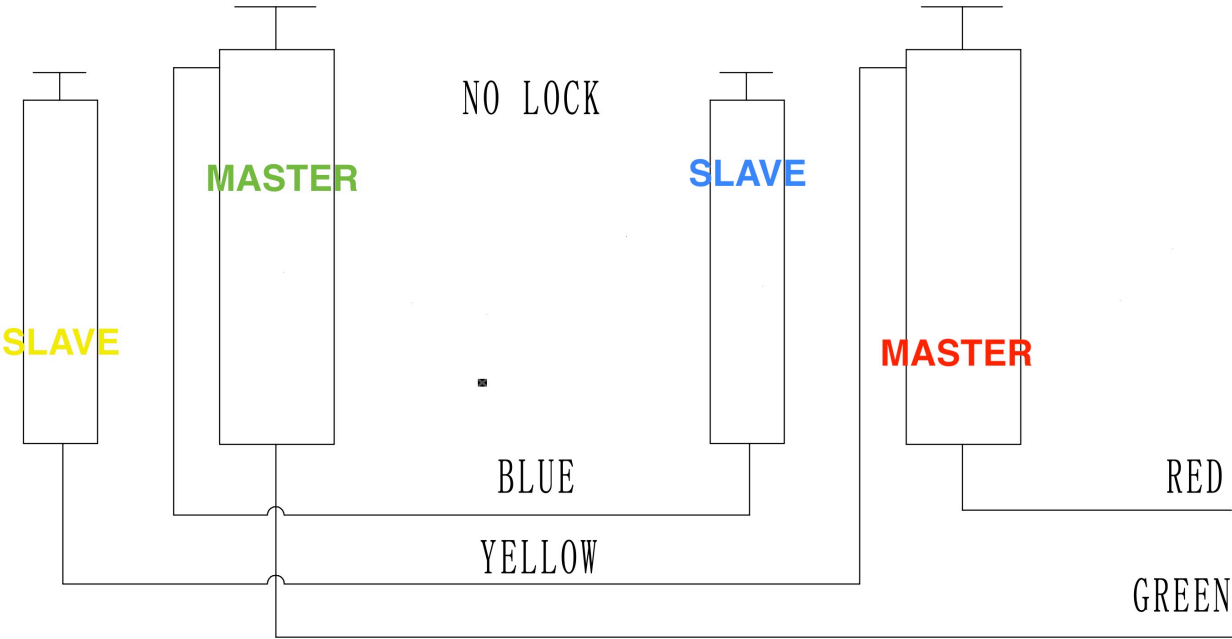
Corrective work and parts fitted

Test results and release decision _____

Next planned inspection _____

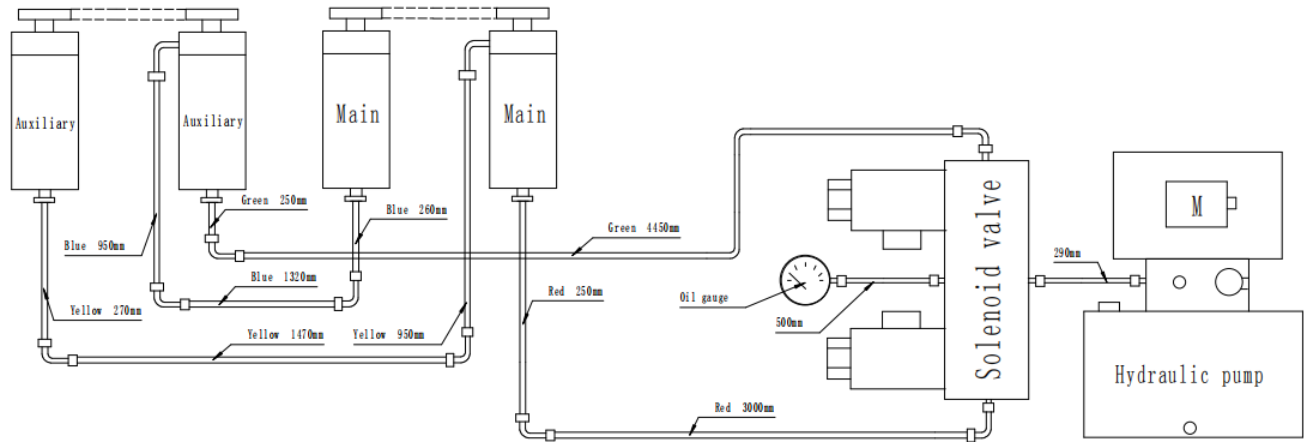
Name and signature _____

Scheme Cylinders HYCLCB-series

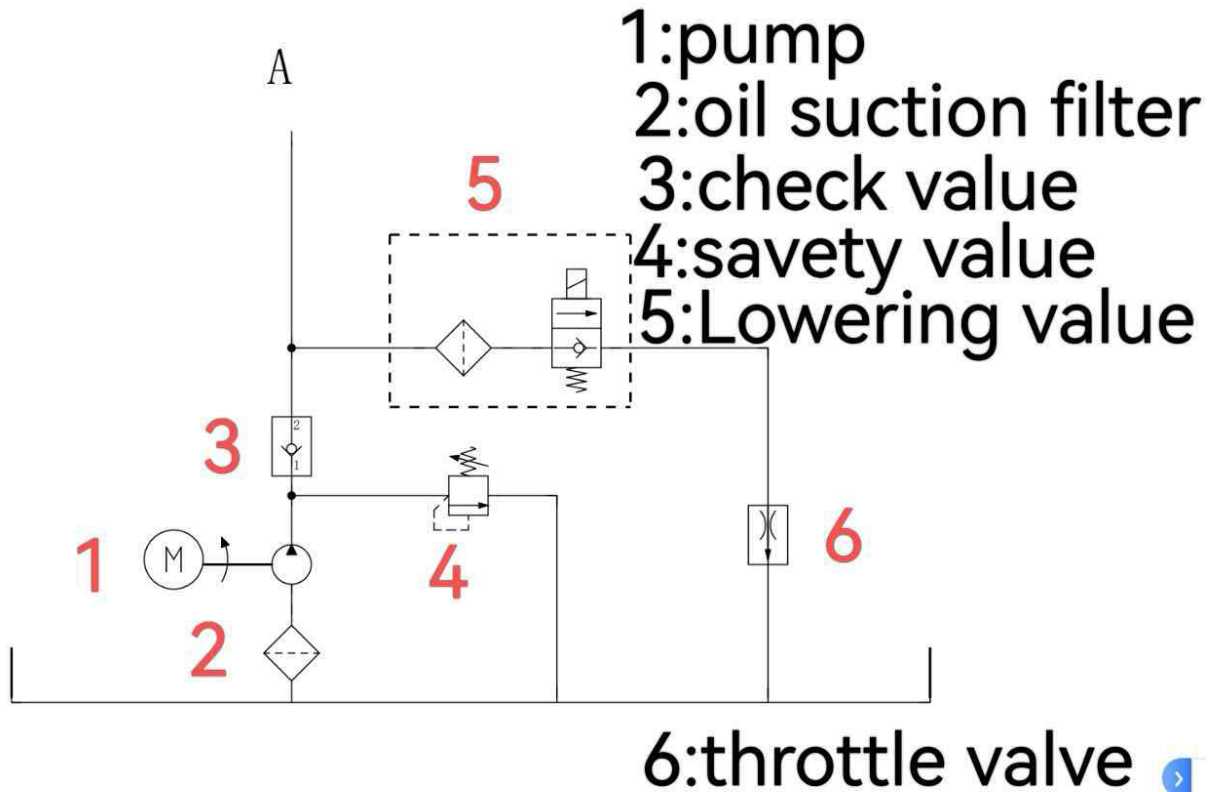


OreikO HYCLCB3000 and HYCLCB4000

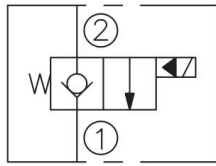
Hydraulic Circuit Diagram



Pump Station Diagram

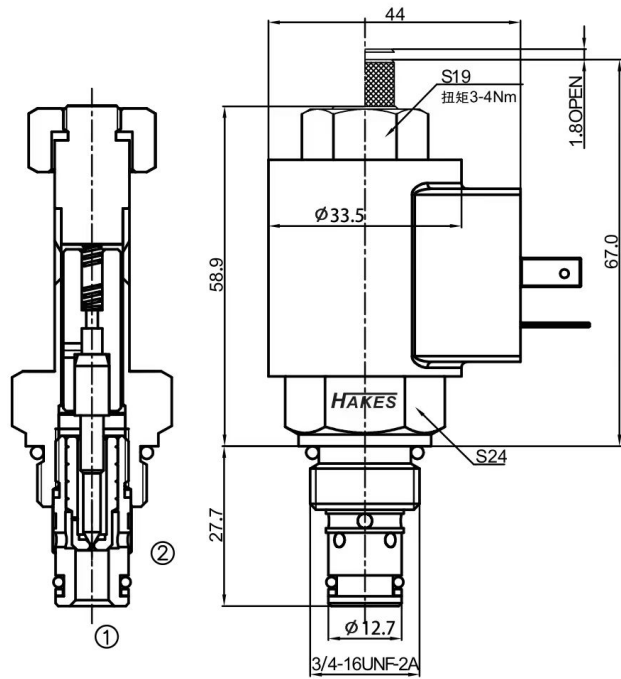


机能符号 SYMBOL



技术参数 SPECIFICATIONS

最高工作压力 MAX.Operating Pressure:	207bar
流量 Flow:	See PRESSURE DROP VS.FLOW graph
内泄露 Internal Leakage:	
	3drops/min.(滴/分)max.at 207bar
温度 Temperature:	-30℃~+100℃ (丁氰橡胶)
	(Standard bana seals)
线圈额定负载 Coil Duty Rating:	Continuous from
	85% to 115% of nominal voltage (连续工作电压)
过滤 Filtration:	See page (参见) Z-1
插孔 Cavity:	08-2 See page G-1
安装扭矩 Installation Torque:	24.5~ 27.1Nm



Electrical Scheme

