

CPF705 | CPF709

BRUKSANVISNING • BRUGSANVISNING • KÄYTTÖOHJE • OPERATING INSTRUCTIONS

GEBRAUCHANWEISUNG • MODE D'EMPLOI • GEBRUIKSAANWIJZING

ISTRUZIONI PER L'USO • INSTRUCCIONES DE USO • INSTRUÇÕES DE USO

Thank you for the faith you have shown in us by choosing a REHOBOT product. REHOBOT stands for products of high quality and it is our hope that you will be able to use this product for many years.

To avoid functional disturbances, we recommend that you read these instructions thoroughly before using the product.

Technical description (Fig. 1)

Max. working pressure:	70 MPa (10150 psi)
Capacity:	CPF705 45 kN (4.5 ton, 5.1 sh tn) CPF709 110 kN (11 ton, 12.4 sh tn)
Stroke:	CPF705 125 mm (4,9 in) CPF709 127 mm (5 in)
Piston area:	CPF705 6 cm ² (0,9 in ²) CPF709 16 cm ² (2,5 in ²)
Displacement:	CPF705 83 cm ³ (5,1 in ³) CPF709 199 cm ³ (12,1 in ³)
Weight:	CPF705 2,4 kg (5 lbs) CPF709 5,9 kg (13 lbs)

System design

When you plan a hydraulic system always choose products that are suitable for the task in hand. Check the limitations of the product in terms of pressure range, lifting capacity and connection options. The maximum working pressure of the system must not exceed the maximum working pressure of any components of the system.

We recommend the use of a pressure gauge to accurately determine the safe range of use of any hydraulic systems. Always make sure that hydraulic hoses and couplings, etc., are connected to the correct connection point (pressure or return connection) on the pump, cylinder, valve or other hydraulic component. Offset loading (Fig. 2)

In pulling operations it is important that the cylinder is not subjected to bending (Fig. 2, B). Make sure that the attachment points are aligned (Fig. 2, A).

Hoses

Do not let hoses become twisted or sharply bent. If hydraulic pressure is applied to a distorted hose it can cause an unfavourable rise in pressure that may damage the equipment. If hoses are badly bent or twisted it may lead to internal rupture and excessive wear.

Do not let sharp or heavy objects rest on the hose or run over it. Never lift or carry hydraulic components by the hose or connections

Accessories

When connecting accessories such as chain attachments, pullers, etc., make sure that these are safely attached. The capacity rating for tools etc., indicates the maximum force developed by the tool. When using accessories, such as spreader lugs, the maximum force cannot be used for reasons of safety. REHOBOT or a REHOBOT authorised dealer will be glad to give recommendations for specific applications.

Heat

Avoid exposing hydraulic equipment to temperatures higher than 50°C. Heat can destroy gaskets and hoses.

Safety

Never disconnect a cylinder from the pump while the hydraulic system is pressurised.

Never subject a cylinder to offset loading.

Always make sure that accessories, etc., are designed for a working pressure/capacity that equals or exceeds the maximum working pressure of the cylinder.

Never stand next to cylinders/accessories during pulling operations. If a fastening or similar item breaks it could cause injury.

Bleeding the hydraulic system

Air can collect in the hydraulic system when hoses or tools are connected and this can lead to problems in operation. To bleed the system run the tool or ram through 3-4 cycles (pumping to full extension then releasing) without any load. At the same time make sure that the tool or ram is kept lower than the pump so that air can travel back to the oil reservoir in the pump. Then bleed the pump oil reservoir. Top up the pump with oil if necessary.

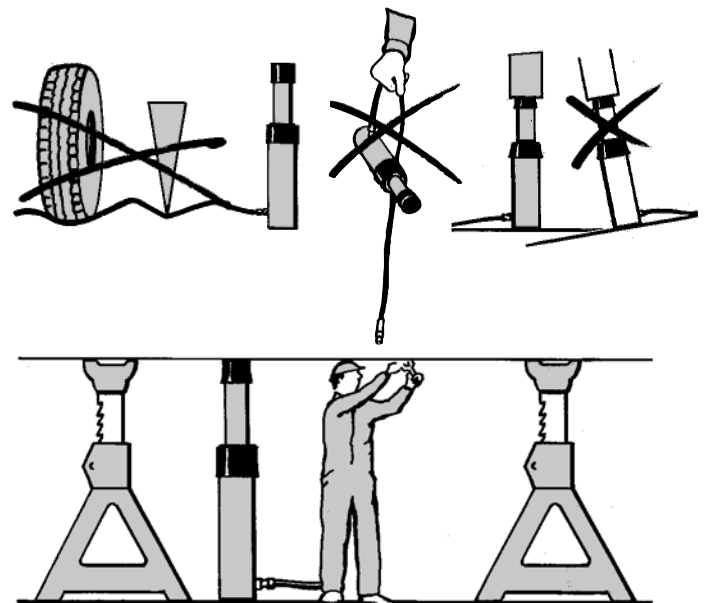
Maintenance

Hydraulic equipment must be serviced and maintained regularly to keep it in good working condition. For safety reasons it is important that hydraulic products are serviced and maintained by experienced personnel. If in any doubt, contact your dealer for information about the nearest authorised service agent. Always use original REHOBOT spare parts.

Lubricate moving parts as necessary with a high quality grease. Always use high quality hydraulic oil with good low temperature properties.

Storage

When hydraulic equipment is not in use: Clean the equipment, make sure the hydraulic system is not pressurised and store it somewhere clean and free from damp. Make sure the equipment is not subject to extremes of temperature.



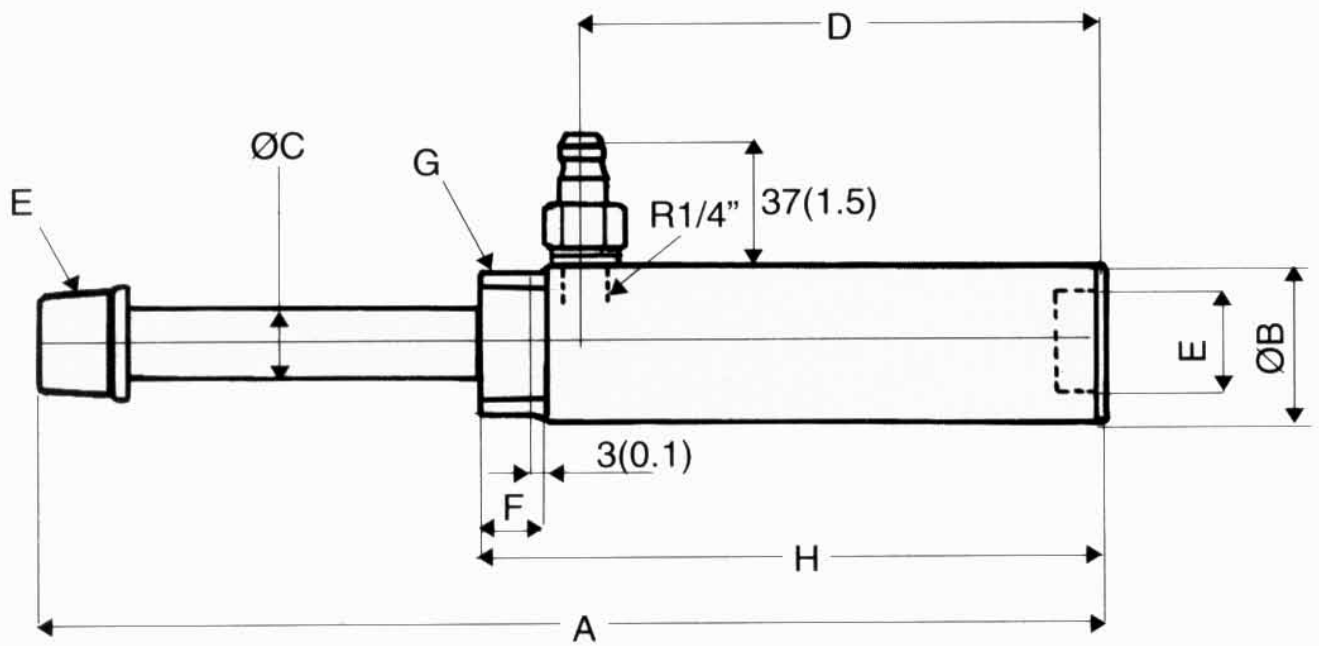


Fig 1

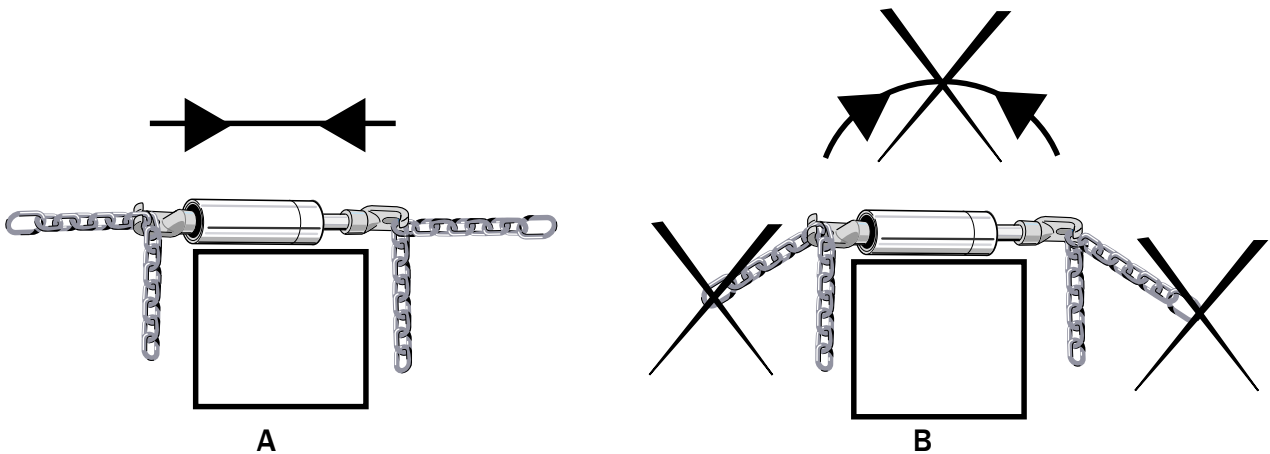


Fig 2