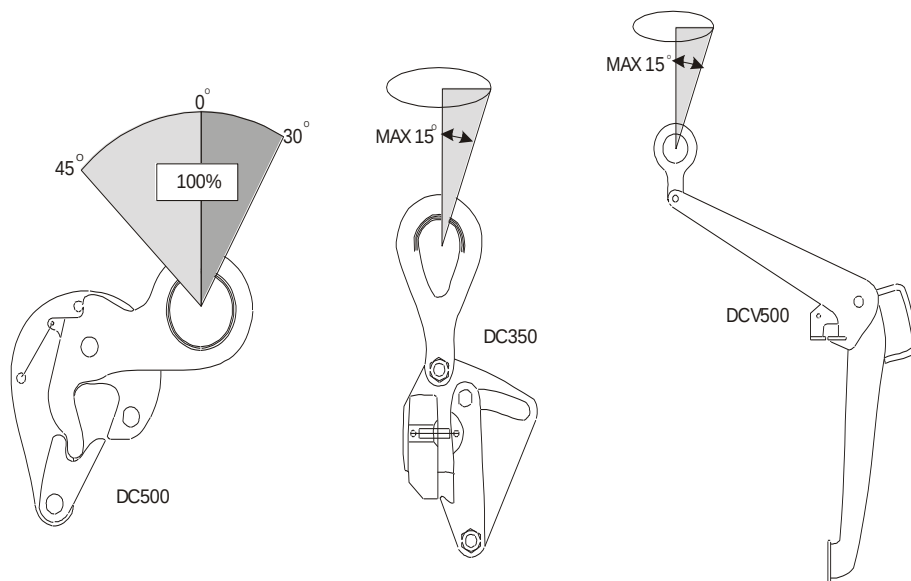




Force diagram

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CAMLOK



Operating Instructions for ‘Camlok’ Drum clamps Type DC

This range of clamps permit the safe handling of all types of flanged drums with or without lids. The DC500 can be used on their own or as a pair to lift drums in an upright position. The DCV500 is used on its own to lift the drum vertically.

Model	W.L.L. kg	Flange width	Flange depth	Weight kg
DC500	500	21	30	1.2
DCV500	500	25	20	7

For correct use of the clamps consult force diagram

Note: the contents of the drum must be evenly distributed and be stable. Unstable and poorly distributed contents can result in a dangerous lift.

OPERATION

The DC500 clamps can be used to lift sealed drums on their own, if an open drum is to be lifted without spilling the contents two clamps can be used with either a two leg chain sling or a small lifting beam and two slings.

FITTING

Check that the drum is sound, check the rim for corrosion or other defects that could weaken the structure.

Take the weight of the clamp. Lifting sling must be slack.

Open the jaws of the clamp and position the clamp over the rim of the drum.

Check correct fitting and position before lifting.

LIFTING

Check position and fitting of clamp as weight is applied.

Lift slowly and smoothly at all times.

Lifting slings must be vertical at all times.

Minimise side loading.

Take precautions to stop the drum from swinging when lifted from the ground.

Place loads down gently. Fast lowering may release the clamp.

TRANSPORTING

Take precautions when transporting that the drum will not collide with any objects.

Minimise load swing.

Minimise the danger area by moving drums as close to the ground as possible.

RELEASE

The clamp can only be released when the entire load is removed.

The lifting sling must be slack.

Push the hookring down to open the jaws

The clamp is now ready for the next lift.

GENERAL

Always check the operation of your 'Camlok' lifting clamp before use.

Never use a worn or damaged 'Camlok' lifting clamp.

Never exceed the maximum working load limit.

Never fast lower, *Always* gently lift and lower.

Never stand under a suspended load and if guiding a load by hand *always* place the palm of the hand on top of the load.

Never grip the load with fingers on the underside. *Always* stand clear when lifting or lowering.

Always keep a record of inspections and repairs

TESTING

All 'Camlok' lifting clamps are tested before sale to a proof load of twice the working load limit. Any clamp that has been repaired must be tested to this load before re-entering service.

CARE AND MAINTENANCE

De-grease clamps regularly.

Remove all grit, dirt and mud.

Lubricate all moving parts with a soft grease.

Inspect every 1-4 weeks, depending on use,

Check for wear in the jaw, hookring and chain.

Check for distortion in the shell plates, jaw bolt, internal links and the spring.

Check any welds for cracks.

Check for smooth operation.

Check fasteners for integrity and tightness