



Global Davit GmbH
Survival- & Deck Equipment



WWW.GLOBAL-DAVIT.DE



EVERYTHING FROM ONE SOURCE

Global Davit GmbH was founded in 1999 and has since developed into an internationally renowned partner for the development and production of life-saving equipment and deck cranes. We are working under an approved quality management system according to ISO 9001:2008. Our high-quality products are successfully used on ships, offshore platforms and in other maritime areas. When it comes to the production of the broad range of products we offer, we never lose sight of our customers' specifications so they can count on the best possible solutions that meet their requirements in every respect.



From the initial consultation to the design, manufacture up to and including delivery and after-sales service, we have the complete process chain covered. At the same time, we have a network of proven partners at our disposal. For example, we have successfully cooperated with the company MDO (Maritime Design Office) for design work and Alpha Marine for welding work for years. Our products of course fulfil all internationally relevant legal requirements.



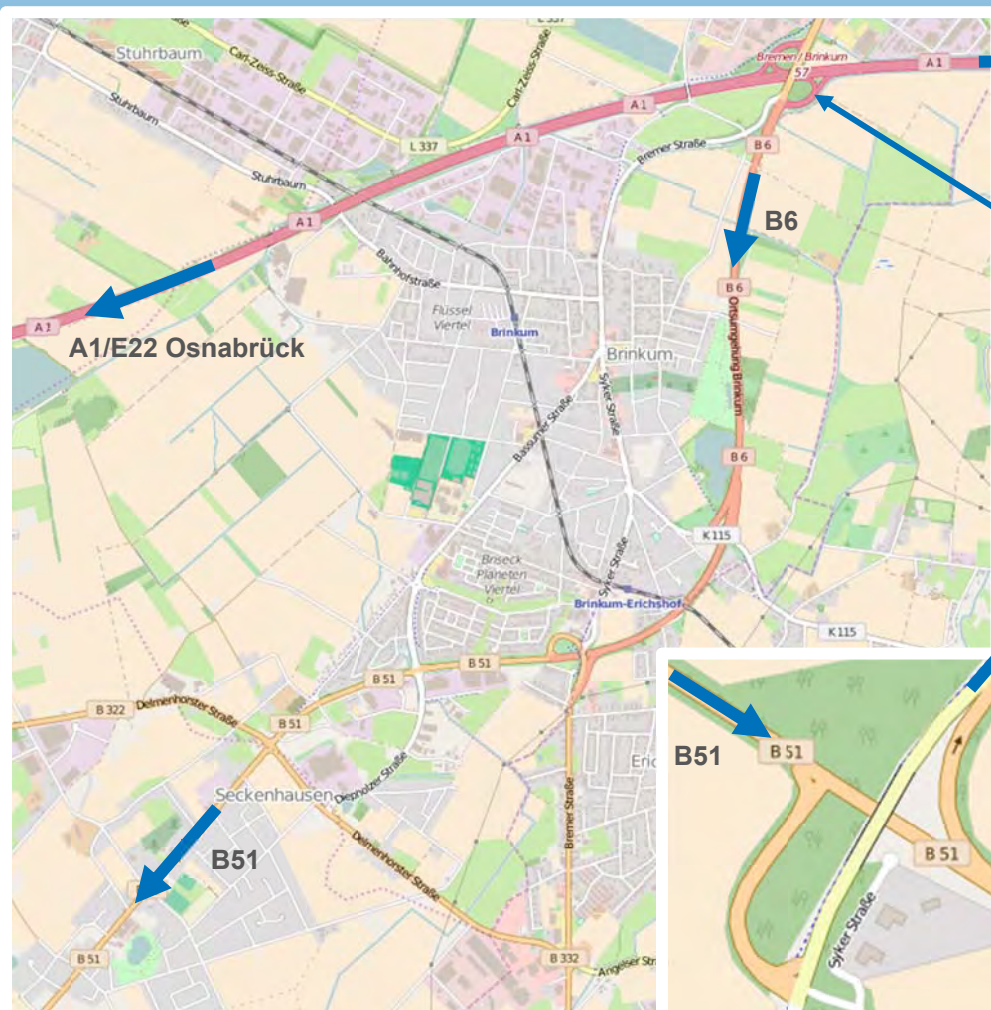
All products which we design, manufacture and deliver can be certified by, among others, the following Authorities:

- American Bureau of Shipping – ABS
- Bureau Veritas – BV
- Chinese Register of Shipping – CCRS
- DNV GL SE – DNV.GL
- Dutch Shipping Inspection – NSI
- Lloyd's Register – LR
- Maritime Coastguard Agency – MCA
- Marine Equipment Directive – MED
- Russian Maritime Register of Shipping – RMRS
- Berufsgenossenschaft für Transport und Verkehrswirtschaft – BG-Verkehr
- United States Coast Guard – USCG

Would you like to learn more about our services? The experienced professionals at Global Davit are happy to advise you and provide you with more information.



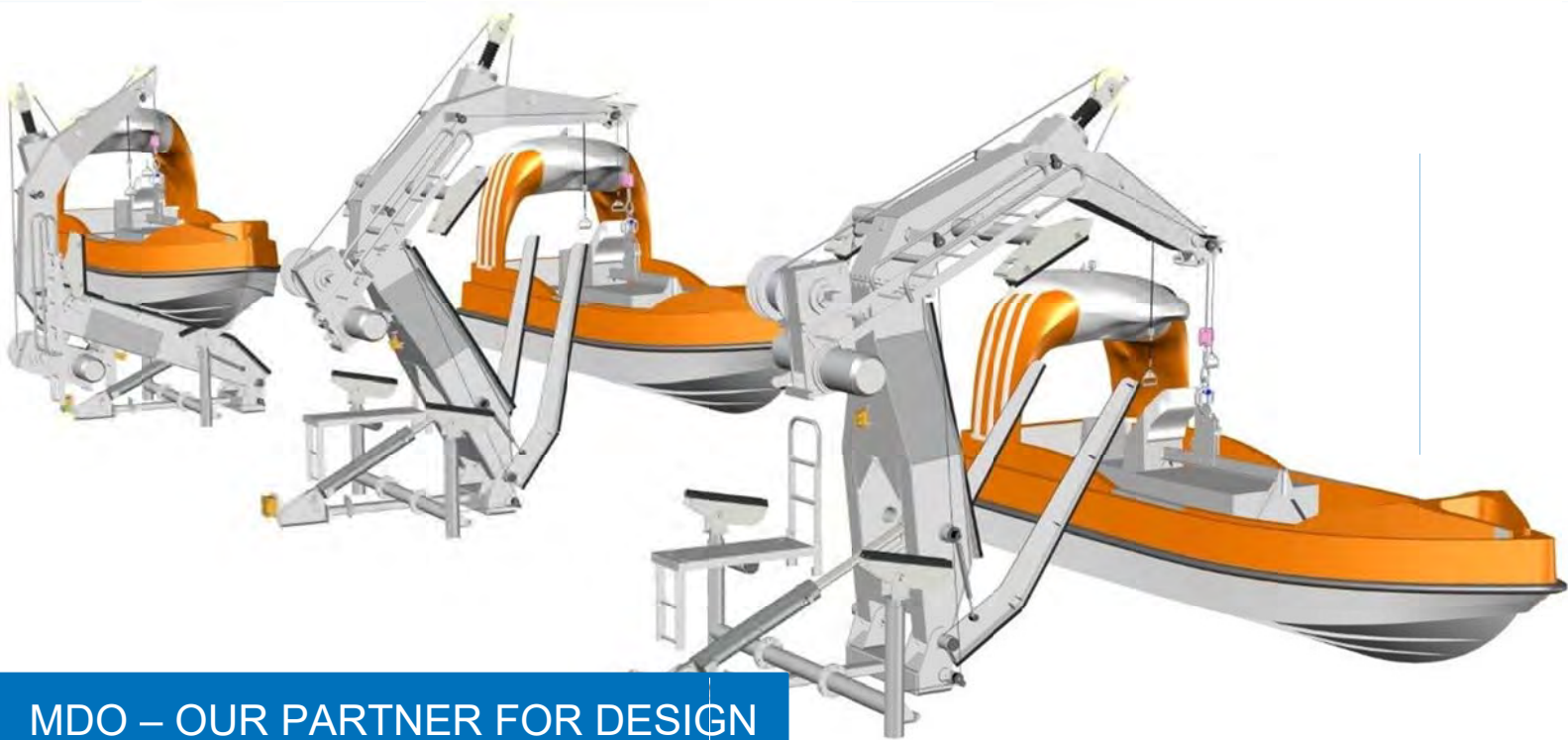
ROUTE AND CONTACT



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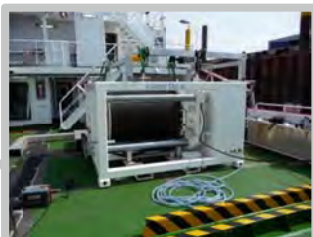


MDO – OUR PARTNER FOR DESIGN



The company MDO BV was founded in 1998 and specializes in design using ultra-modern 3D technology. In the design process, MDO considers all information and data defined by our customers. The resulting technical solutions always revolve around the factors of safety, efficiency and costs. All work is performed on the basis of coordination and close cooperation with third parties. MDO is capable of handling any step in the engineering workflow. From client and sales consultancy to visualization of ideas and from engineering to approval and certification. All designs are made in-house and vary from fully standardized to highly specialized. MDO is in close contact with all major approval agencies and works according latest rules and regulations.

You can find more information here:
www.mdo.nl





ALPHA MARINE – OUR PARTNER FOR WELDING AND MACHINING

The company founded in 2012 boasts ultra-modern production facilities at its location in Bulgaria's Gorna Malina. Conveniently situated the location features an indoor warehouse and workshop spanning 5,000 m² as well as a large outdoor storage area covering 3,000 m².

Alpha Marine specializes in the production of welding structures including mechanical processing for deck cranes and life-saving equipment. The services offered by the company include gas-oxygen and plasma cutting of steel sheets as well as cutting, milling, lathing and grinding with CNC machines.

Alpha Marine GmbH has a developed quality management system in compliance with EN ISO 9001:2008. Also they are approved according to EN 1090.



You can find more information here:
www.alpha-marine.bg



Together with our partners MDO and Alpha Marine, we develop, manufacture and distribute a broad range of long-life, safe and technically sophisticated products for customers around the world, like a.o.:

- rescue boat cranes
- rescue boat davit systems
- liferaft cranes
- combined rescue boat / liferaft / stores handling cranes
- fast rescue boat davit systems with heave compensation features
- life- and rescue boat pivot davit systems, folding out via gravity or hydraulic power
- offshore davit systems for life- and rescue boat handling
- fender davit systems
- free-fall lifeboat handling cranes
- stores/hose handling cranes in various executions
- platform cranes for stores handling and personal transfer
- winches

OUR SERVICE PORTFOLIO



LIFERAFT CRANES

*slewing execution manually driven,
sizes 004, 005, 010 and 015 tm*



Product description liferaft cranes, type Lms.

The group name of Lms.-type liferaft cranes represents the simplest execution of slewing cranes for liferafts available: with manually driven slewing features. Besides liferaft slewing cranes also liferaft folding davits are available (see further in this catalogue). These and other systems are available upon request. The systems are in full accordance with the present SOLAS-rules and are MED certified.

Each system consists of:

- pedestal suitable for welding to deck
- column with integrated manually driven slewing gear
- arm in box shape construction
- liferaft winch with centrifugal brake
- wire rope in galvanized (anti-corrosion) non-rotating steel
- stainless steel hook for automatic release of the liferaft
- remote control of the stop-go type for lowering

additionally for handling of a second liferaft:

- liferaft winch with quick-return for multiple raft handling
- jockey pulley for retrieving of the empty hook

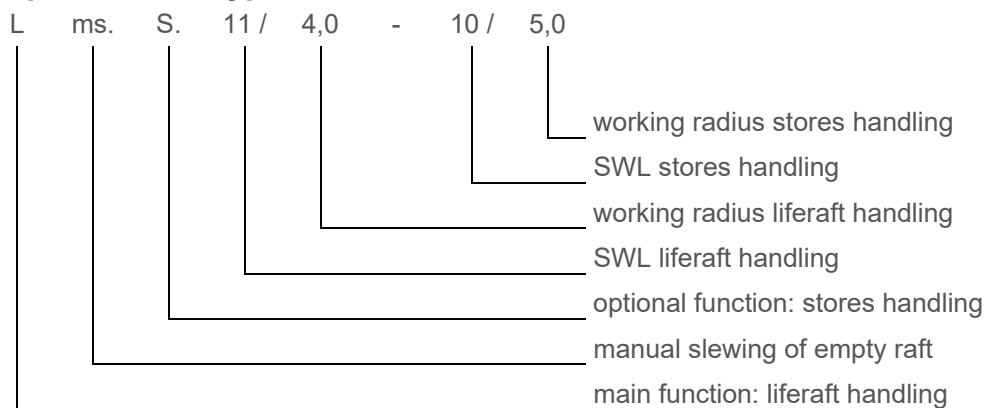
additionally for stores handling features:

- stores winch with electric motor in IP56
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

options a.o.:

- electric remote control for stores winch
- flood light on arm connected to the ship's emergency circuit
- electric slewing facilities (additional)

Explanation of type code



LIFERAFT DAVITS

turning out using winch and falls



Product description liferaft davits, type Lgp.

The group name of Lgp.-type liferaft davits represents the simplest execution of folding davits for liferafts available: with turning out on gravity. Besides liferaft folding davits also liferaft slewing cranes are available (see further in this catalogue). These and other systems are available upon request. The systems are in full accordance with the present SOLAS-rules and are MED certified.

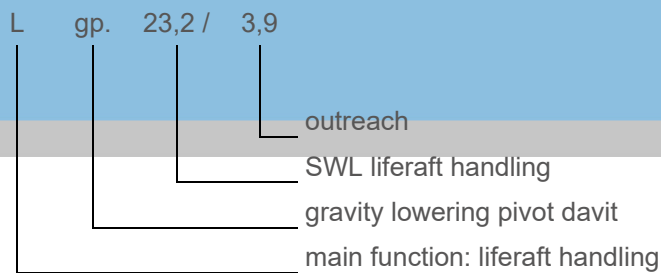
Each folding davit consists of:

- stool suitable for welding to deck adapted to the deck situation
- arm in box shape construction
- liferaft winch with centrifugal brake
- wire rope in galvanized (anti-corrosion) non-rotating steel
- stainless steel hook for automatic release of the liferaft
- remote control of the stop-go type for lowering

additionally for handling of a second liferaft:

- liferaft winch with quick-return for multiple raft handling
- jockey pulley for retrieving of the empty hook

Explanation of type code



GRAVITY DAVIT SYSTEMS

using winch and falls



Product description gravity davit systems, type Gsp.FP

The group name of Gsp.FP-type davits represents the most common execution of davit systems for lifeboats and rescue boats with double point suspension: with turning out on gravity. The systems are in full accordance with the present SOLAS-rules and are MED-certified.

Each gravity system consists of:

- stools suitable for welding to deck adapted to the deck situation
- arms in box shape construction
- lifeboat winch with centrifugal brake and electric motor in IP56
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- galvanized suspensions with lower blocks, chains and links
- remote control of the stop-go type for turning out and lowering
- lashing gear with polyester belts and stainless steel ratchets
- maintenance slings

additionally for life-/ rescue boat systems:

- life-/ rescue boat winch with centrifugal brake and electric motor in IP56
- foul weather recovery stops

additionally for systems allowing embarkation in outboard position:

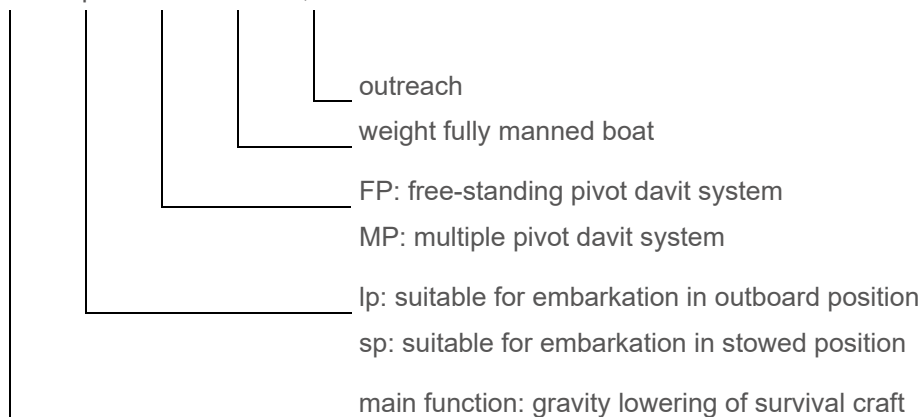
- galvanized bowsing gear
- galvanized tricing gear

options:

- embarkation platform between davits with access ladder
- combined bowsing / tricing gear in stainless steel with polyester belts

Explanation of type code

G sp. FP. 145 / 6,25



HYDRAULIC/GRAVITY DAVIT SYSTEMS

turning out hydraulically driven



Product description hydraulic/gravity davit systems, type Gsp.FPh.

The group name of Gsp.FPh-type davits represents the most common execution of davit systems for lifeboats and rescue boats with double point suspension: with turning out on hydraulic power. The systems are in full accordance with the present SOLAS-rules and are MED-certified.

Each gravity system consists of:

- stools suitable for welding to deck adapted to the deck situation
- arms in box shape construction
- lifeboat winch with centrifugal brake and electric motor in IP56
- hydraulic system with accumulator and pressure control system
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- galvanized suspensions with lower blocks, chains and links
- remote control of the stop-go type for turning out and lowering
- lashing gear with polyester belts and stainless steel ratchets
- maintenance slings

additionally for life-/ rescue boat systems:

- life-/ rescue boat winch with centrifugal brake and electric motor in IP56
- foul weather recovery stops

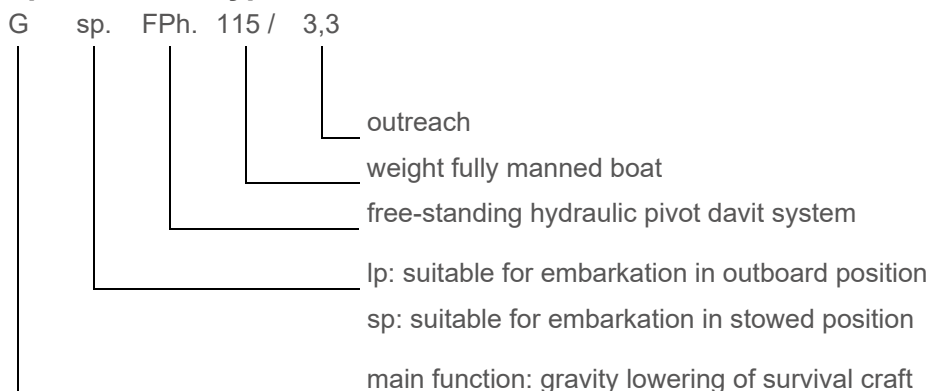
additionally for systems allowing embarkation in outboard position:

- galvanized bowsing gear
- galvanized tricing gear

options:

- embarkation platform between davits with access ladder
- combined bowsing / tricing gear in stainless steel with polyester belts

Explanation of type code



GRAVITY DAVIT SYSTEMS

fixed execution



Product description gravity davit systems, type Gsp.O. and Rsp.O.

The sub-group name of Gsp.O-type davits represents the offshore cantilever group of davit systems for lifeboats: davits in fixed position. Even though highly standardized, the Gsp.O. systems are available upon request only. The systems are designed in a component-fashion, allowing transportation to any site in the containers, where they can be easily assembled. The Rsp.O group represents the same davit type for single point suspended crafts. The systems are in full accordance with the present SOLAS-rules and are MED-certified.

Each system consists of:

- lower arms in box-shape construction suitable for welding to deck and adapted to the deck situation
- upper arms in box shape construction. One arm is executed for assembly of the winch on top or on the side
- intermediate frame, for adjusting to the boat dimensions
- lifeboat winch with centrifugal brake and electric motor in IP56
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- galvanized suspensions with lower blocks, chains and links
- remote control of the stop-go type for lowering
- lashing supports on the inboard and outboard side
- maintenance slings

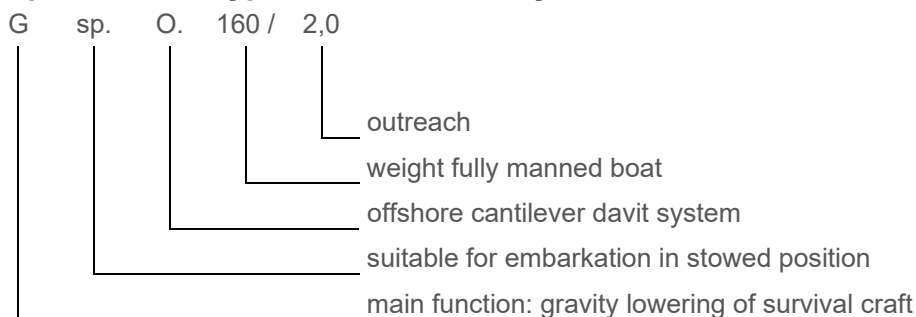
additionally for life-/ rescue boat systems:

- life-/ rescue boat winch with centrifugal brake and electric motor in IP56
- foul weather recovery strops

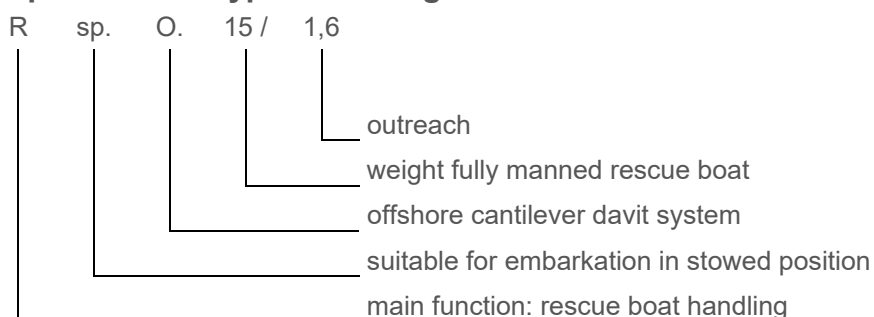
options:

- special execution for integrating with an overhanging deck (helicopter platform)
- single arm execution for small rescue boats, incorporating a stainless steel hook for off-load release
- explosion proof electric motor and electric system
- embarkation platform between davits with access ladder

Explanation of type code twin arm systems

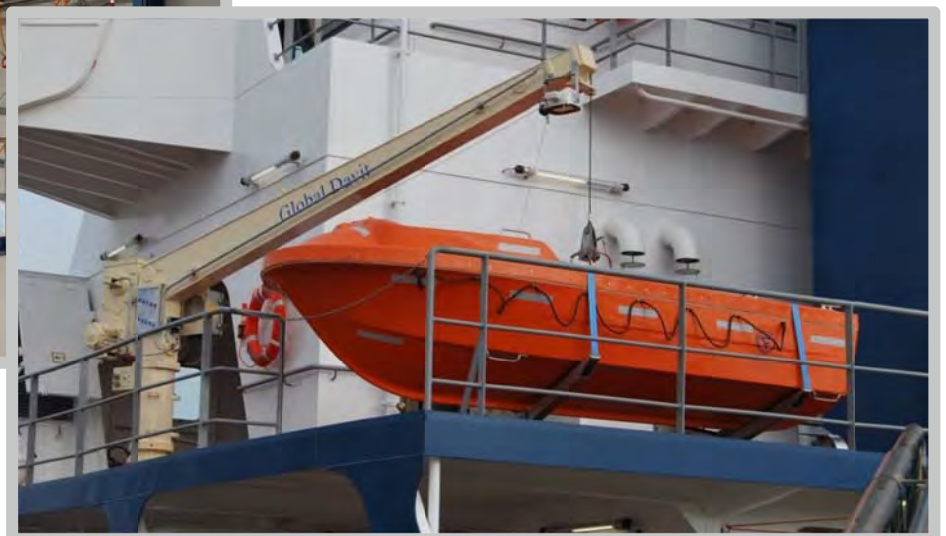
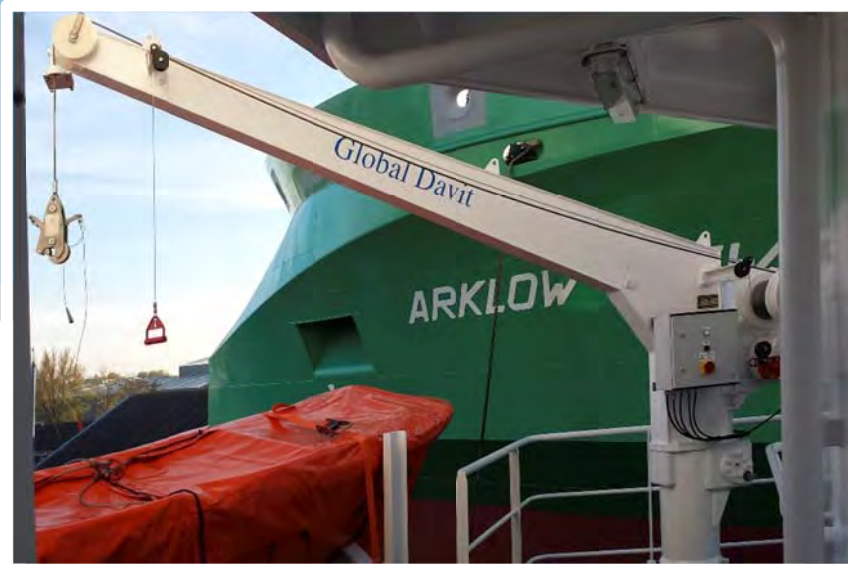


Explanation of type code single arm rescue boat davits



RESCUE BOAT CRANES

*slewing execution manually driven,
sizes 004, 005, 010 and 015 tm*



Product description rescue boat cranes, type Rms.

The group name of Rms.-type rescue boat cranes represents the simplest execution of slewing cranes for rescue boats available: with manually driven slewing features. The rescue boat cranes with manual slewing are the only rescue boat appliances that are hand driven. Even though the systems are not in accordance with the present SOLAS-rules, they are accepted by many flag states.

Each system consists of:

- pedestal suitable for welding to deck
- column with integrated manually driven slewing gear
- arm in box shape construction
- rescue boat winch with centrifugal brake and electric motor in IP56
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- stainless steel hook for off-load release
- remote control of the stop-go type for lowering

additionally for liferaft handling features:

- combined rescue boat / liferaft winch
- combined suspension for rescue boat and liferaft
- jockey pulley for retrieving of the empty hook

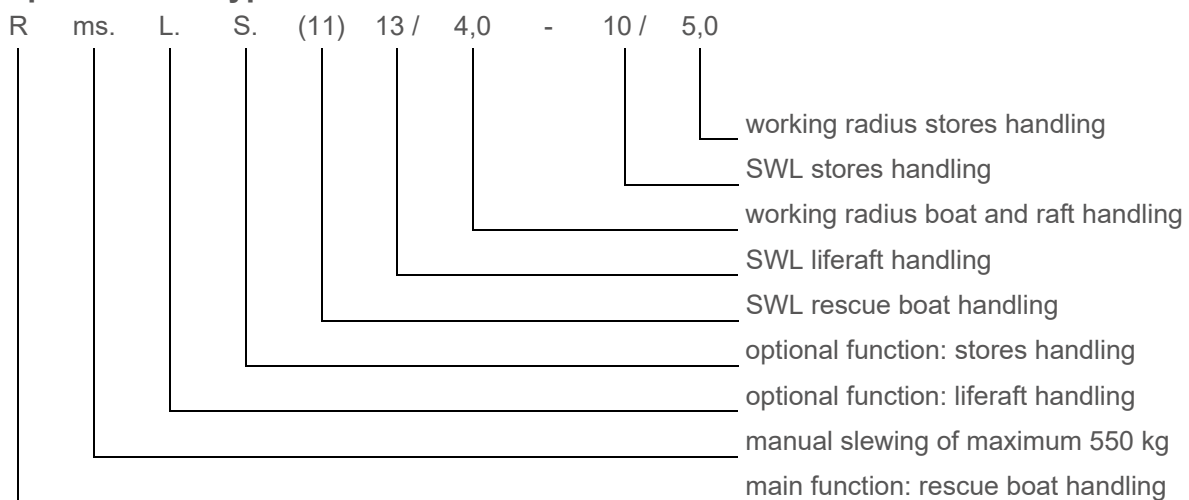
additionally for stores handling features:

- stores winch with electric motor in IP56
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

options a.o.:

- electric remote control for stores winch
- flood light on arm connected to the ship's emergency circuit
- electric slewing facilities (additional)

Explanation of type code



RESCUE BOAT CRANES

*slewing execution hydraulically driven,
sizes 005, 010 and 015 tm*



Product description rescue boat cranes, type Rhs.

The group name of Rhs.-type rescue boat cranes represents the presently standard execution of slewing cranes for rescue boats with hydraulically driven slewing features. Besides hydraulic rescue boat slewing cranes also hydraulic folding rescue boat davits are available (see further in the catalogue). These and other systems are available upon request. The systems are in full accordance with the present SOLAS-rules and are MED and USCG certified.

Each system consists of:

- pedestal suitable for welding to deck
- column with integrated hydraulically driven slewing gear
- arm in box shape construction
- rescue boat winch with centrifugal brake and electric motor in IP56
- hydraulic system with accumulator and pressure control system
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- stainless steel hook for off-load release
- remote control of the stop-go type for turning out and lowering

additionally for liferaft handling features:

- combined rescue boat / liferaft winch
- combined suspension for rescue boat and liferaft
- jockey pulley for retrieving of the empty hook

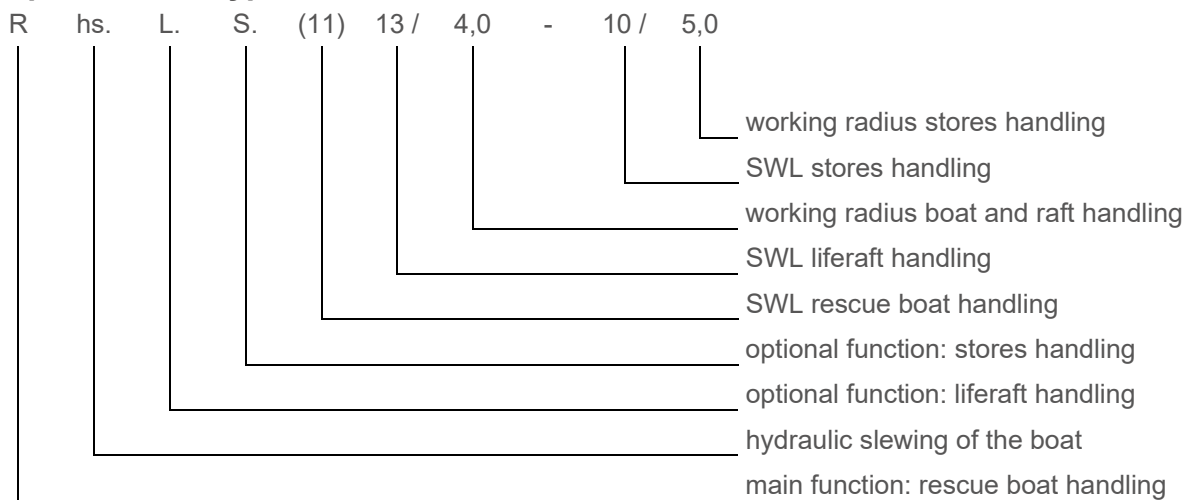
additionally for stores handling features:

- stores winch with electric motor in IP56
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

options a.o.:

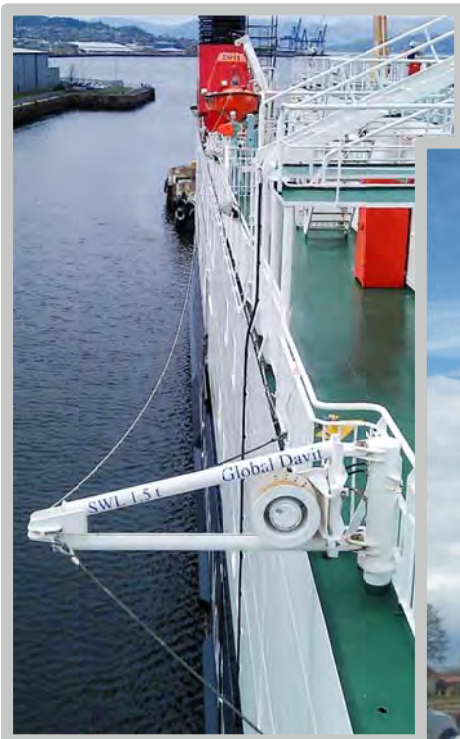
- electric remote control for stores winch
- flood light on arm connected to the ship's emergency circuit

Explanation of type code



(FAST) RESCUE BOAT DAVITS

turning out hydraulically driven



Product description hydraulic davit, type Rhp. and Rhp.HC.

The group name of Rhp.-type davits represents the C-frame type of davit systems for (fast) rescue boats and work boats with single point suspension: with turning out on hydraulic power. The systems are very low-build and combine a low weight with an extreme low center of gravity. They are in full accordance with the present SOLAS-rules and are MED-certified.

Each rescue boat system consists of:

- stool suitable for welding to deck adapted to the deck situation
- C-frame arm in box shape construction
- platform for operation of the winch
- rescue boat winch with centrifugal brake and electric motor in IP56
- hydraulic system with accumulator and pressure control system
- electric system with stainless steel starter box with remote push button box
- wire rope in galvanized (anti-corrosion) non-rotating steel
- galvanized suspension
- remote control of the stop-go type for turning out and lowering
- boat supports with rubber fenders and ladder for embarkation to meet any boat
- lashing gear with polyester belts and stainless steel ratchets

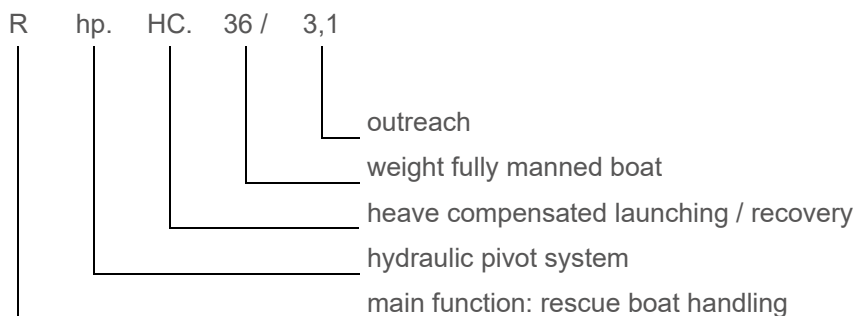
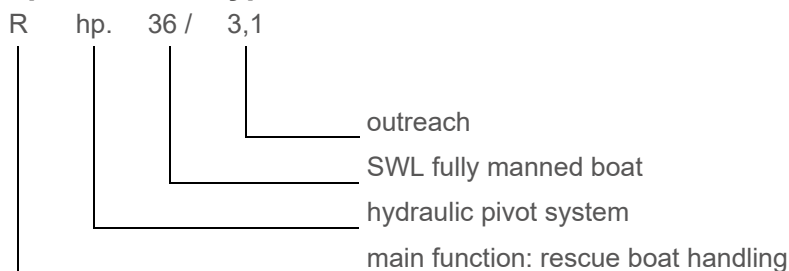
additionally for fast rescue boat systems (medium and large davit size):

- shock absorber integrated in the arm
- fast rescue boat winch with centrifugal brake and hydraulic motor with variable displacement
- hydraulic system with accumulator, pressure control system and full-automatic wave compensation unit
- stabilizer arms

options a.o.:

- any of the fast rescue upgrades
- painter-line davit in slewing or luffing execution

Explanation of type code

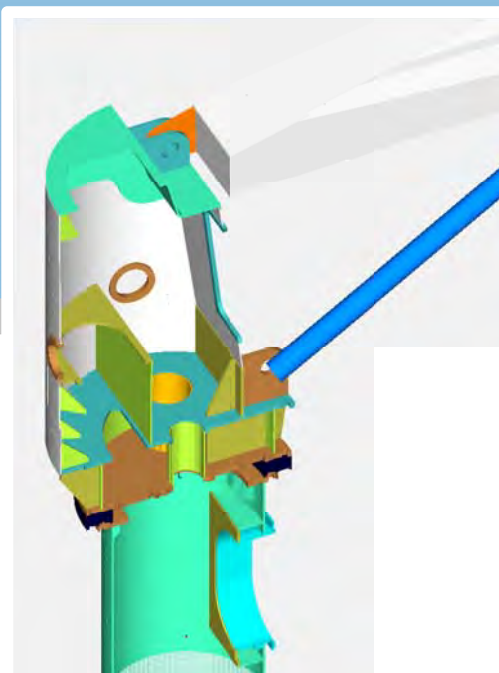
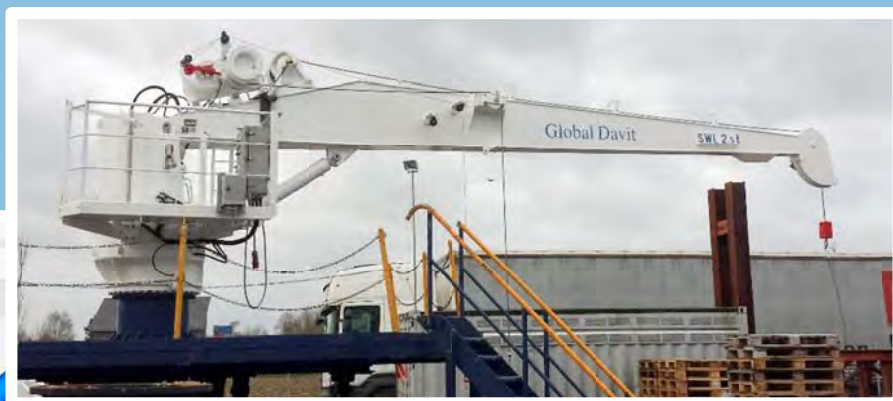


Available sizes

Davit size	Maximum SWL [kN]	Maximum boat width [mm]
Small	16 (non HC only)	2000
Medium	23,5	2300
Large	36	2650

HYDRAULIC CRANES

*slewing execution hydraulically driven,
sizes 024 and 036 tm*



Product description hydraulic slewing cranes, type Chs.

The group name of Chs.-type hydraulic slewing cranes represents the execution of slewing cranes for many main functions: stores, hose handling or free-fall lifeboat handling. Secondary functions can be added in the form of rescue boats and/or liferaft handling. The systems are in full accordance with the present rules of various authorities.

Each system consists of:

- pedestal suitable for welding to deck
- column with integrated power unit, hydraulically driven slewing gear(s) and operation/maintenance platform
- arm in box shape construction
- stores handling winch with multi-disc brake and hydraulic motor
- hydraulic system with pumps, control and relief valves, cylinder with Chromium-plated stainless steel rod, hydraulic motors and return-line filter
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

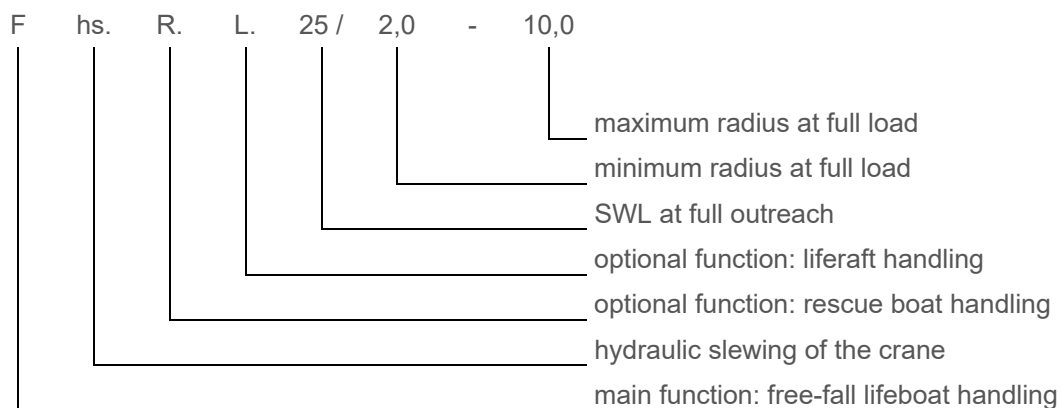
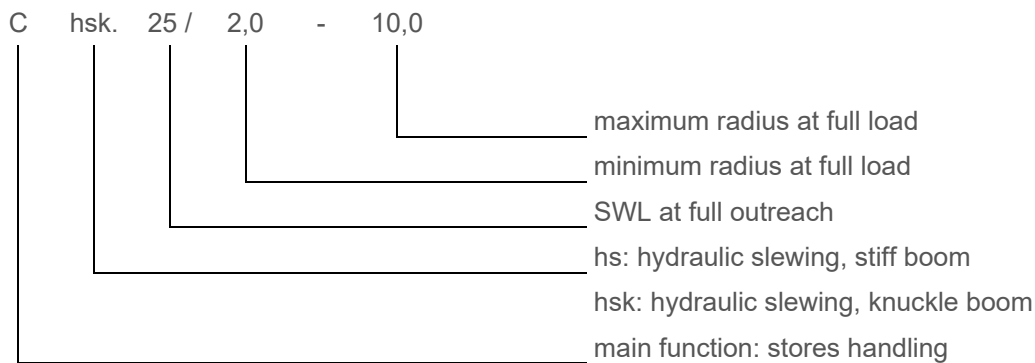
additionally for rescue boat and/or liferaft handling features:

- stored power system with accumulator and pressure control system
- winch for rescue boat and/or liferaft handling
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension for rescue boat and/or liferaft
- remote control of the stop-go type for turning out and lowering
- jockey pulley for retrieving of the empty hooks

options:

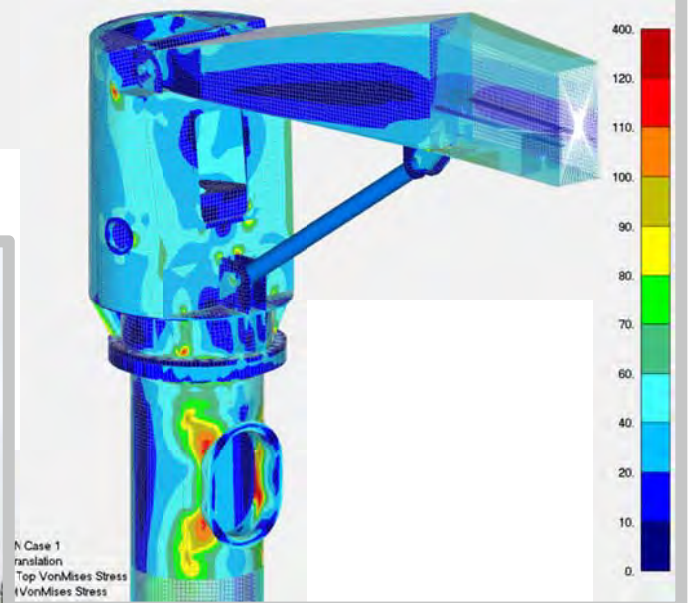
- electric remote control or radio remote control
- explosion proof execution
- extra power unit for life-saving functions connected to the emergency circuit
- flood light on arm connected to the ship's emergency circuit

Explanation of type code



HYDRAULIC CRANES

*slewing execution hydraulically driven,
sizes 055, 080, 135 and 200 tm*



Product description hydraulic slewing cranes, type Chs.

The group name of Chs.-type hydraulic slewing cranes represents the execution of slewing cranes for many functions: stores, hose handling or free-fall lifeboat handling. These and other systems are available upon request. The systems are in full accordance with the present rules of various authorities.

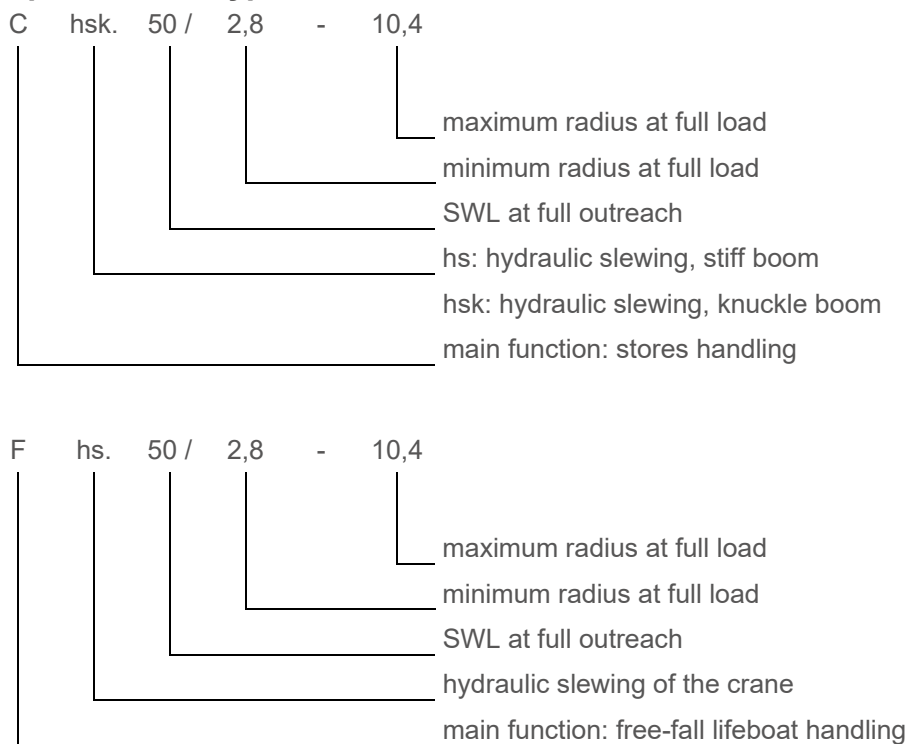
Each system consists of:

- pedestal suitable for welding to deck
- column with integrated power unit, hydraulically driven slewing gear(s) and operation/maintenance platform
- arm in box shape construction
- stores handling winch with multi-disc brake and hydraulic motor
- hydraulic system with pumps, control and relief valves, cylinder with Chromium-plated stainless steel rod, hydraulic motors and return-line filter
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

options:

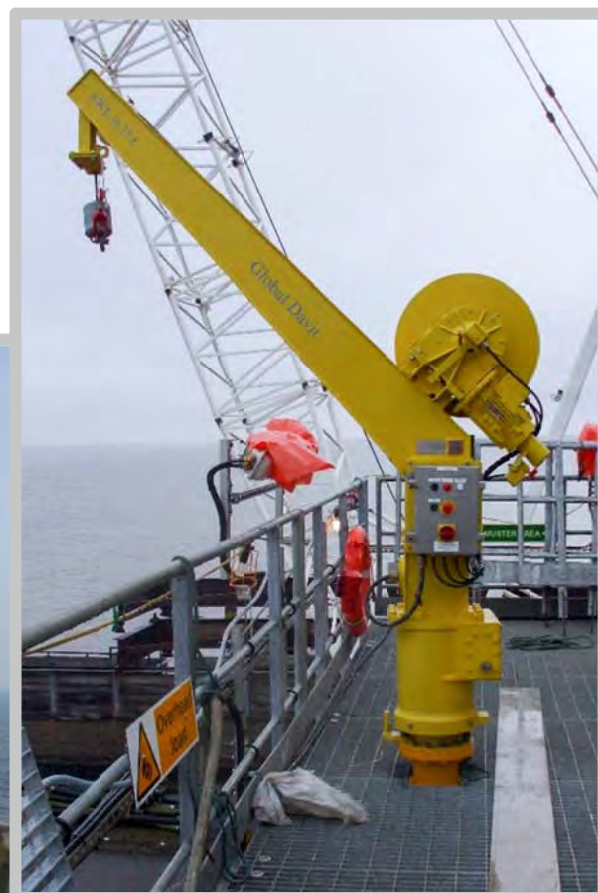
- electric remote control or radio remote control
- explosion proof execution
- extra power unit for life-saving functions connected to the emergency circuit
- flood light on arm connected to the ship's emergency circuit
- additional winch for small loads on bigger outreach

Explanation of type code



STORES CRANES

*various slewing cranes,
sizes 002, 005, 010 and 015 tm*



Product description slewing cranes, type Ces., Chs. and Cms.

The group name of Cs.-type slewing cranes represents the executions of slewing cranes for many functions: handling of stores, work boats and gangways. These and other systems are available upon request. The systems are in full accordance with the present rules of various authorities.

Each system consists of:

- pedestal suitable for welding to deck
- column with manually driven slewing gear
- arm in box shape construction
- stores handling winch with electric motor
- electric system with stainless steel starter box with push buttons
- wire rope in galvanized (anti-corrosion) non-rotating steel
- suspension according to the latest DIN-standards

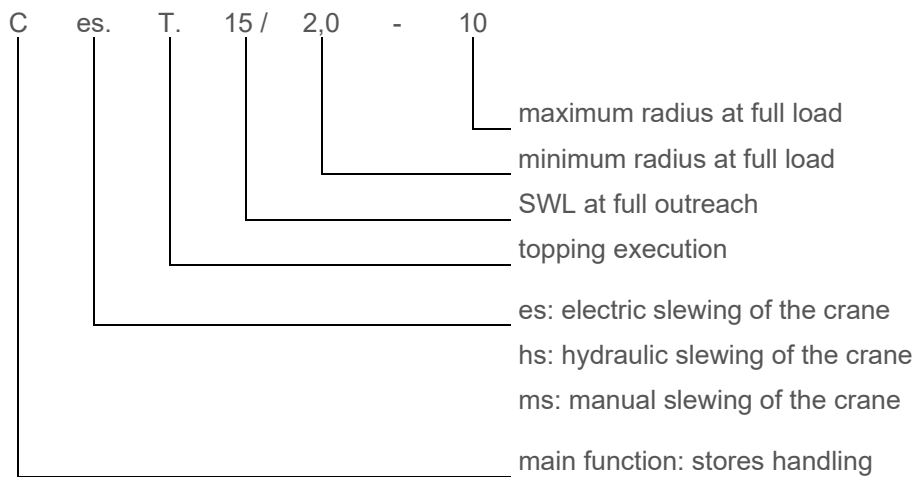
additionally for cranes with an electrically driven slewing gear:

- right angle gear unit with electric motor in IP56

options:

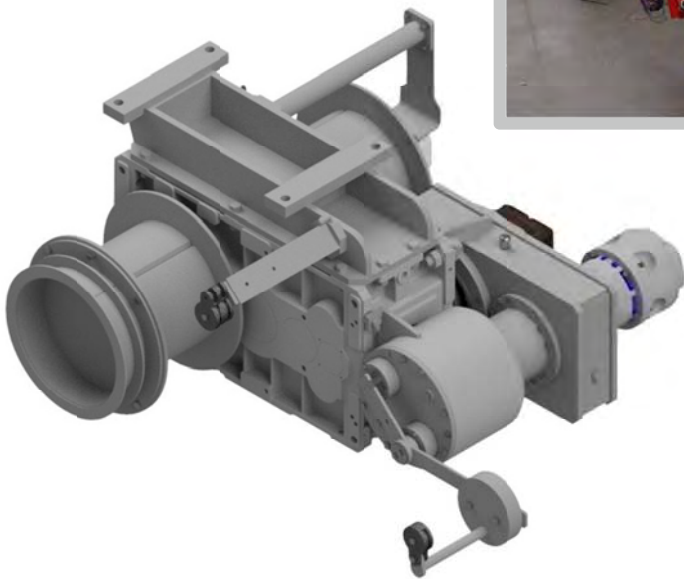
- electric remote control
- topping execution via hydraulic cylinder
- hydraulic winch
- hydraulically driven slewing gear
- explosion proof execution
- flood light on arm

Explanation of type code



LIFE-SAVING WINCHES

*lifeboat winches, life-/ rescue boat winches
and rescue boat winches*



Product description lifeboat and life-/ rescue boat winches, type W.L and W.R

The product group of winches represents a full scalar of winches suitable for incorporating in your davit system. The winches can be supplied with a smooth single drum, a single two section drum or two drums (one on either side) and are, as a standard, designed to meet the speeds and loads resulting from double-falls reeving. The winches are normally deck-mounted. Built-on type winches are available on request. The winches are in full accordance with the present SOLAS-rules

Each lifeboat winch consists of:

- winch foundation for welding to deck
- drum(s) for coiling the wire rope(s) in two layers
- appropriate gearbox between drum and brake with foundation flanges
- centrifugal brake(s)
- holding brake
- electric motor in IP56
- electric system with stainless steel starter box with push buttons
- storage drum for remote control of the stop-go type for lowering
- crank for manual operation

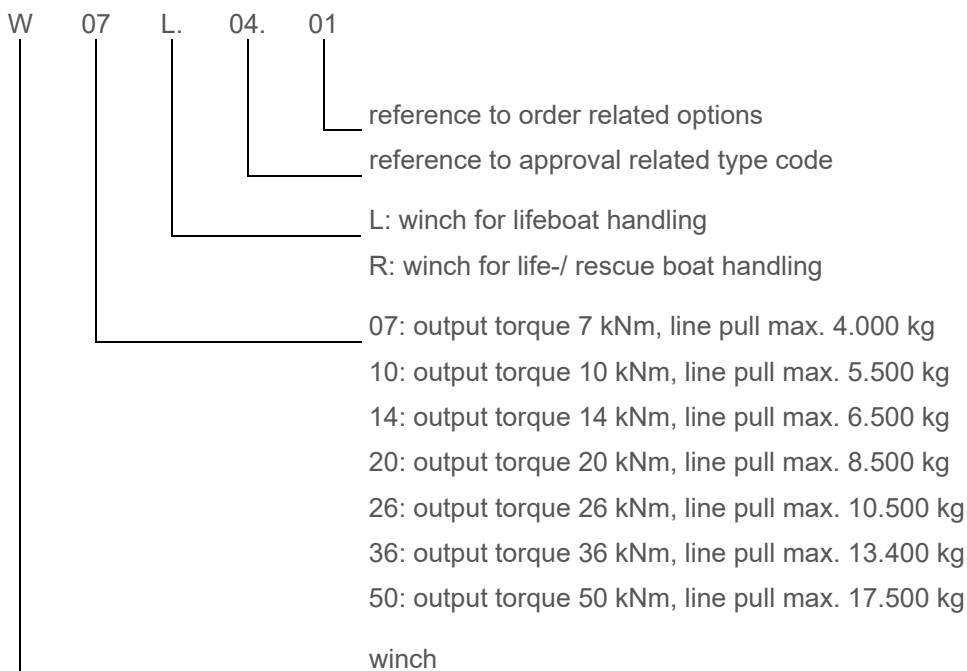
additionally for life-/ rescue boat winches:

- two-speed electric motor in IP56

options:

- grooved drum(s)
- alternative foundation for integrating in the davit system
- explosion proof electric motor and electric system
- full electric cabling

Explanation of type code



FAST RESCUE BOAT WINCHES

*fast rescue boat winches
with wave compensation*



Product description fast rescue boat winches, type W.HC

The product group of W.HC fast rescue boat winches represents a full scalar of winches suitable for incorporating in your davit system. The winches will be supplied with a grooved single drum. The winches are normally of the built-on type. Deck-mounted types are available on request. The winches are in full accordance with the present SOLAS-rules

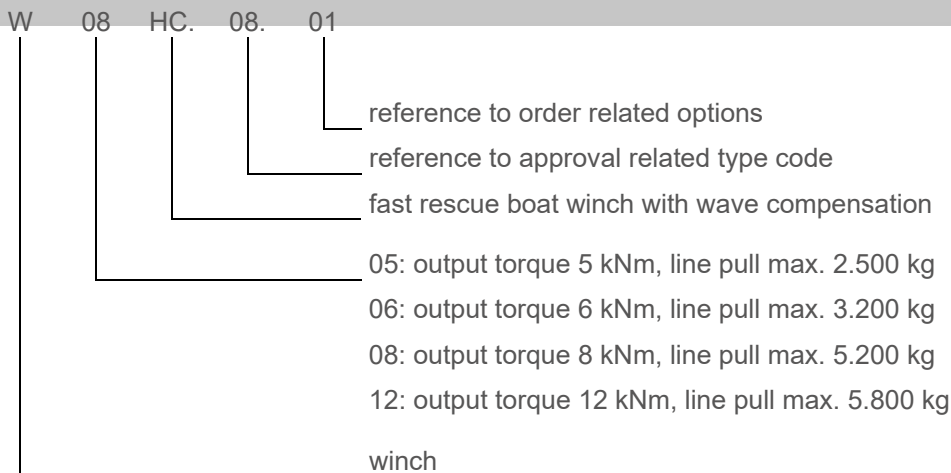
Each fast rescue boat winch consists of:

- grooved drum for coiling the wire rope(s) in two layers
- appropriate gearbox between drum and brake with foundation flanges
- centrifugal brake(s)
- holding brake
- hydraulic motor with variable displacement
- junction box
- limit switch
- storage drum for remote control of the stop-go type for lowering
- crank for manual operation

options:

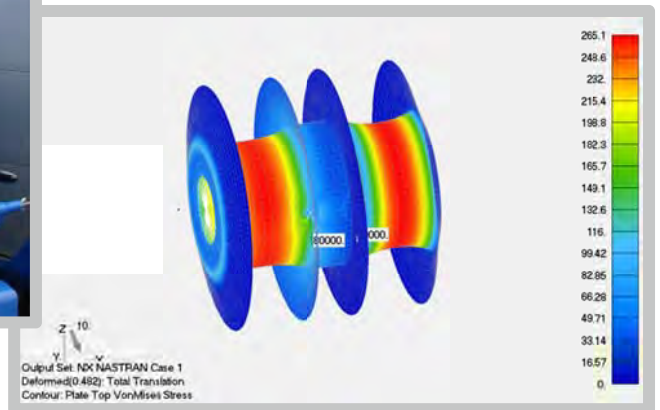
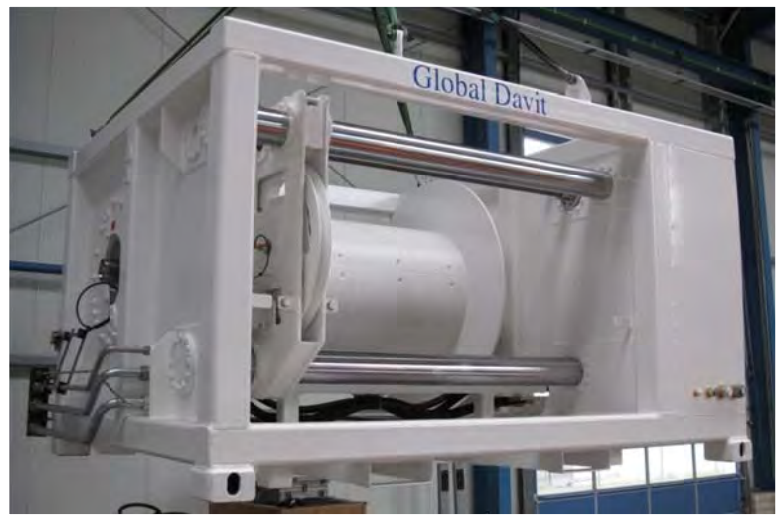
- alternative foundation for deck-mounted types
- full electric cabling
- full hydraulic piping

Explanation of type code



STORES WINCHES

*winches
special purpose*



Product description stores winches, type W.H and W.E

The product group of stores winches represents a full scalar of winches suitable for incorporating in your system. The winches will be supplied with a grooved single drum. The winches are normally of the free-standing type. The winches are in full accordance with the present rules for lifting appliances.

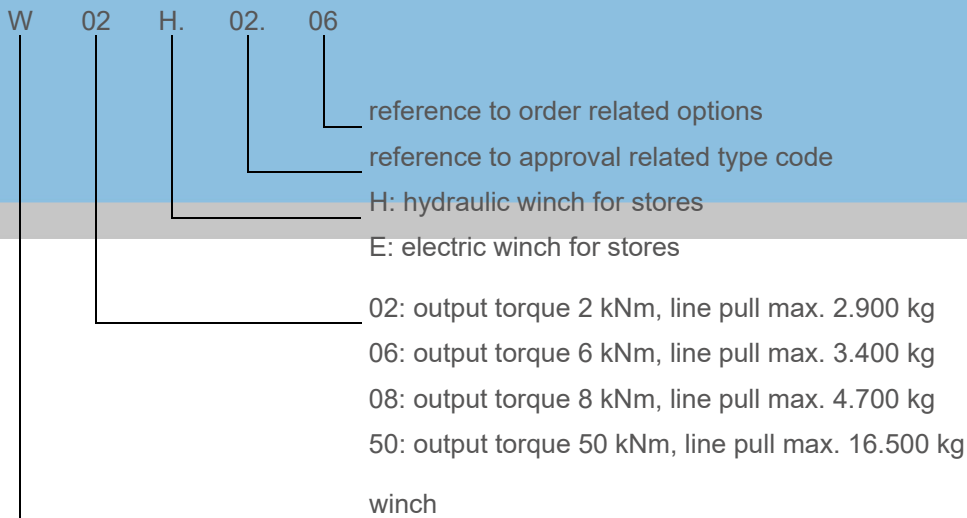
Each stores winch consists of:

- two-side supported grooved drum for coiling the wire rope(s) in two layers
- appropriate gearbox between drum and brake
- stop brake
- fixed hydraulic motor with brake valve alternatively electric motor with brake
- limit switch

options:

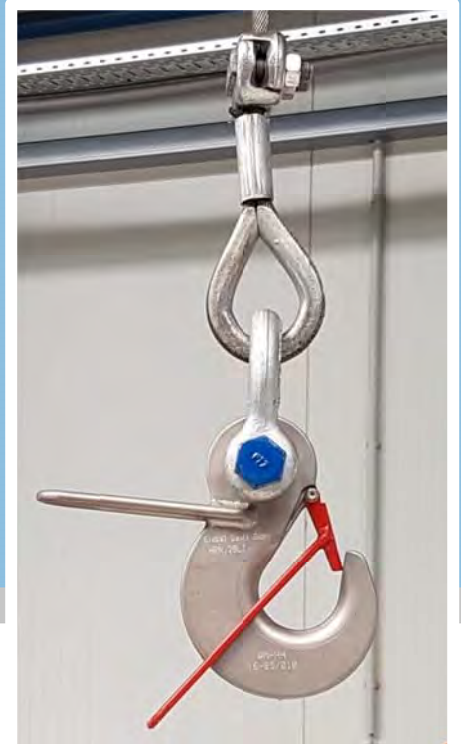
- alternative foundation for integrating in the crane

Explanation of type code



HOOKS

HRL.26 and HRN.28



Product description HRL.26

The newly developed, combined off-load and automatic release hook has been engineered and produced as cooperative goal between Global Davit and MDO. This new hook has been designed to withstand rigorous use and is very robust, though still easy to handle and service. Made out of the finest materials to withstand the harsh maritime environment and to maximize deployment. The hook is dimensioned to handle life-saving crafts with a maximum weight of 2.600 kg. The combined hook is suitable for single fall davit launched rescue boats and liferafts. The hook is in full accordance with the current regulations of IMO/SOLAS, MED, USCG, and most other Maritime Authorities.



Product description HRN.28

The off-load release hook HRN.28 is dimensioned to handle the standard rescue boats with a maximum weight of 2.800 kg. Being made out of a solid piece of stainless steel, this hook is virtually indestructible. Manufactured in accordance with SOLAS 1974, amended up to the latest IMO resolution MSC320(89), this hook has an “off-load” release only. A suitable painter line is usually combined with this piece of equipment in order to achieve flawless utilization for launching from a sailing ship.

AFTER-SALES

Commissioning, turn-key installation, service and spare parts



After-sales / Service

Our service doesn't stop at final assembly and delivery of our products to customers around the world. We also offer our customers further support with:

- installation & commissioning jobs
- maintenance & repair jobs
- crew & operators trainings
- annual or 5-year service jobs, according to the IMO resolution MSC.1/Circ.1206

Global Davit has a network of over 80 authorised maintenance and service partners around the world. Each and every service engineer of the partner stations, who is carrying out maintenance-, repair- and service jobs on the Global Davit equipment, passed a detailed training course at the training centre of Global Davit. These courses are regularly repeated. This assures that all maintenance is performed in accordance with the highest standards in quality and safety. You can find the partner in your area via our service portal (www.global-davit.de) and register for the legally prescribed maintenance using the checklist. The certificate will be sent to you online. You can count on flexibility, global availability and fast response any time you need them – guaranteed.



Spare parts

Global Davit offers their customers the complete range of OEM (Original Equipment Manufacturer) spare parts. All wear and tear parts, as well as a large variety of spare parts are available directly from stock. Parts which are not on stock can be obtained at very short notice.

In this way Global Davit optimizes the availability of OEM spare parts during the complete lifetime of the equipment supplied.

All spare parts inquiries and orders will be processed directly upon receipt of an instruction and dispatched by the fastest possible method.



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