

Personnel lifting winches are mainly built to client specifications and can be executed with a self-braking worm-, helical- or planetary gear depending on the load required. The drive can be either electric, hydraulic or pneumatic. EMCÉ has supplied manriding systems up to a working load limit of 10,000 kg.

EMCÉ have supplied winches for the following applications:

- safety harness or a boatswain's chairs
- diving frame applications
- baskets or platforms
- cable way rescue winches

As safety is most important with personnel lifting applications a third party design review is often required. The type of design review is however very much depending on the local rules and regulations. For onshore personnel lifting applications within the European Union often a EC type examination is required. Offshore personnel lifting winches often require the same class as the ship or rig they are being used on. Most common classifications for offshore personnel lifting winches are LRS, ABS, DNV and GL.

All the above classification agencies have different rules and regulations. Therefore it's very important that we are informed about the required classification in order to offer the correct winch to you. Furthermore details about the application are required to determine the required technical specifications.

Prices and drawings are available upon request. Please let us have your specifications.

Standard features

- Selfbraking worm-, helical or planetary gear transmissions
- Electric 400 V AC / 3-phases / 50 Hz motor.
- Hydraulic orbit, radial piston or axial piston motors
- Pneumatic gear or radial piston motors
- Primary brake on motor
- Secondary brake on winch drum
- Full material trace-ability (3.1 – EN 10204) on structural steel components
- Two drum supports
- Double layer 2-component conservation according ISO 12944 category C2-Low, colour RAL 5010

Available control options

- electric /hydraulic or pneumatic control systems
- Limit switches
- Slack wire winches
- Overload protection
- Emergency hand crank

Available options

- Explosion-proof motors
- Protective steel motor cover
- Drum pressure roller
- Drum guard
- Marine / offshore coating systems
- Spooling gear
- Grooved drum
- Split drums / additional rope anchors / etc.
- Third party design review (LRS, ABS, DNV, etc)

MR 30 FLG



150 KG DEDICATED PNEUMATIC MANRIDING WINCH. FOR OFFSHORE APPLICATIONS SUPPLIED WITH LRS, ABS, DNV DESIGN APPROVAL. FOR ONSHORE APPLICATIONS SUPPLIED WITH CE TYPE EXAMINATION CERTIFICATE.

SB 307/185 EVSP



650 KG EEXD ELECTRIC PERSONAL BASKET WINCH FOR GASHOLDER (POSCO, SAARSTAHL, ARCELOR) SUPPLIED WITH EC TYPE EXAMINATION CERTIFICATE

OHR 3.0 BD



3 TON HYDRAULIC DIVING BELL AND CLUMP WEIGHT WINCH WITH LRS DESIGN APPROVAL.

OHR 3.0 BDGP



3 TON HYDRAULIC PERSONAL LIFTING WINCH FOR MAINTENANCE BASKET. SUPPLIED WITH DNV DESIGN APPROVAL AND CE TYPE EXAMINATION CERTIFICATE

SB315R HBDGL



11,5 TON HYDRAULIC DIVING BELL WINCH WITH GL DESIGN APPROVAL

OMR 3.0 LPR6 BD



3 TON PNEUMATIC DIVING BELL AND CLUMP WEIGHT WINCH WITH LRS DESIGN APPROVAL