

MA 4

"OFF-SHORE" ENVIRONMENT

MOTOR DRIVEN REELS WITH MAGNETIC COUPLERS AND ACCESSORIES

Only for: Couplers Cn / D and Low voltage slirings
Motors without brake

Off shore or on plat forms

Exposed to waves

Extra water tight

Shock resistant

Relative humidity $\leq 98\%$

Ambient temperature from - 40°C to + 40°C

ELECTRIC MOTOR

- Multi-Voltage plate, covering the following ranges:
 - 50Hz : 220-240 / 380-415 V
 - 60Hz : 440-460 V
- IP 56 Protection mini.
- Insulation class F / Reinforced tropicalization (T° -40°C to +40°C / HR $\leq 98\%$)
- Cast IRON housing
- Moulded ALUMINIUM terminal box with insulation joint.
- External fasteners and identification plate in STAINLESS STEEL.
- Heating resistance.
- Compliance with C.E.I. standards.
- Standard: cap or cable gland, as per motor manufacturer.
On request: delivered with cable gland.
- Reinforced water tight between terminal box and stator.
- Metallic ventilation housing and canopy.

SLIRING

- Protection: - IP 67.
- Cable inlets:
 - On shaft by IP68 nickel-plated brass cable gland (supplied by Conductix-Wampfler)
 - On slirping housing by IP68 nickel-plated brass cable gland (supplied by Conductix-Wampfler)
- Thermostatic heating resistance with IP68 nickel-plated brass cable gland.
- Tropicalization (T° -40°C to +40°C / HR $\leq 98\%$)
- Welded and machined housing with O-ring seal.
- A2 stainless steel external fasteners.

GEAR BOX

- With water tight housing MAINTENANCE FREE FOR 5 YEARS or 15 000 working hours.
- Lubrication by GREASE.
- A2 Stainless steel external fasteners.

SPOOL

- Semi wide spool: Reinforced welding
- Monospiral / Trispiral spool: Reinforced welding
External diameter $\leq 3,1m$.

GENERAL ASPECT

- SP 200 paint, according to technical leaflet.
- Galvanization, according to NF EN ISO 1461 + SP 201 paint.
- **A2 Stainless steel external fasteners.**
- **Screw locking (Thread-locking product + Stainless steel washer or Stainless steel washer type "contact").**
- Fixation of the spool by SAFETY NUTS.
- **Identification by stainless steel plate** on the slipping housing of the reel and on the accessories.
- Cable guide / Diverting device: **304L Stainless steel rollers** on ball bearing with protection joint.
- **Connecting box at fixed point: heating resistance.**

➤ Reels

- Motors Paint as supplied by the motor manufacturer.
- Couplers :
 - Support Cataphoresis + black paint
 - Coupler Cn / D..... Stainless steel
- Gear boxes BNA30..... Cataphoresis + SP 200 paint
- Others gear boxes SP200 paint
- Spool - Fixation by SAFETY NUTS:
 - Monospiral / Trispiral Galvanization + **SP 201 paint**
 - Semi-wide spools SP 200 paint or galvanization+ **SP 201 paint**
(according to construction)
- Low Voltage Slipping housings:..... **SP 200 paint**

➤ Accessories

- Entry device Galvanization + **SP 201 paint**
- Shock absorber spring **Stainless steel**
- Cable sleeve **Stainless steel**
- Cable guide / Diverting device Galvanization + **SP 201 paint with A2 stainless steel fasteners.**
- Anchoring device Galvanization + **SP 201 paint**
- Connecting device **Stainless steel**
- Others accessories generally available Paint as per manufacturer's specification
- Pulley..... Galvanization + **SP 201 paint**

OPTIONS on request

- **Motor:**
 - Special voltage (max 690 V TRI star).
 - CTP sensor.
 - PTO thermostatic sensor.

- **Spool:**
 - Monospiral spool with arms and ferrule in 304L or 316L stainless steel.

- **General aspect:**
 - A4 Stainless steel external fasteners.
 - Paint: special color.
 - 304L Stainless steel for cable guide, anchoring device.
 - 316L Stainless steel for cable guide, anchoring device.
 - 316L Stainless steel rollers on cable guide.

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