



## **Instruction manual for motor type SPE-250 and SPE-250B**

This motor is intended for use in combination with a “Standard” pump and hand nozzle.

1. Do not use the motor type SPE-250 and SPE-250B on flammables or in hazardous duty environments.
2. Check nameplate data to verify proper voltage.
3. Before connecting plug to power supply, be sure motor switch is in OFF position, “0”.
4. Never carry motor in the power cord and never pull the power cord.
5. If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or their service agent.
6. The motor has thermal overload protection which stops the pump in case of overload. Immediately switch the motor off, position “0”, and allow the motor to cool down.
7. Warning: The motor automatically starts after cooling down, if the switch is left in position “1” (ON)
8. Check viscosity and specific gravity limitations before resuming operation.
9. To engage motor to pump tube, place the motor on top of pump tube and turn the hand wheel, part no. 1842, clockwise until the motor coupling and pump coupling are completely engaged and secured.
10. Never submerge motor in liquid or splash the motor with liquid. Operation of motor in wet conditions can cause serious injuries.
11. For complete manual – please look at [www.standard-europe.eu](http://www.standard-europe.eu) under downloads. Carbon brushes are considered consumable items – meaning not under warranty.

### **Replacement of cartridge brushes:**

1. Disconnect the motor from power supply and pump tube.
2. Remove the fan cover.
3. Secure the fan and remove the motor coupling.
4. Remove the 3 screws in the lower bearing cover and pull out the motor block.
5. Loosen the springs and pull out the used brushes.
6. Install new brushes in the brush guides.
7. Reassemble the motor in opposite order compared to disassembly.

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