



**SPECIFICATIONS**

**05-24 L PUMP**

**SR 50 CONTAINER**

*Manual : 1003 573.040.212*

*Date : 31/03/10 – Supersede : 18/12/06*

*Modif.: Update*

**ORIGINAL MANUAL**

**IMPORTANT : before assembly and start-up, please read and clearly understand all documents relating to this equipment (professional use only).**

*PICTURES AND DRAWINGS ARE NON CONTRACTUAL. WE RESERVE THE RIGHT TO MAKE CHANGES WITHOUT PRIOR*

**ADDITIONAL DOCUMENTATIONS**

<b>SPARE PARTS :</b>	Pump - SR 50	(doc. 573.037.050)
	Motor	(doc. 573.023.050)
	Fluid section	(doc. 573.038.050)

**KREMLIN - REXSON**

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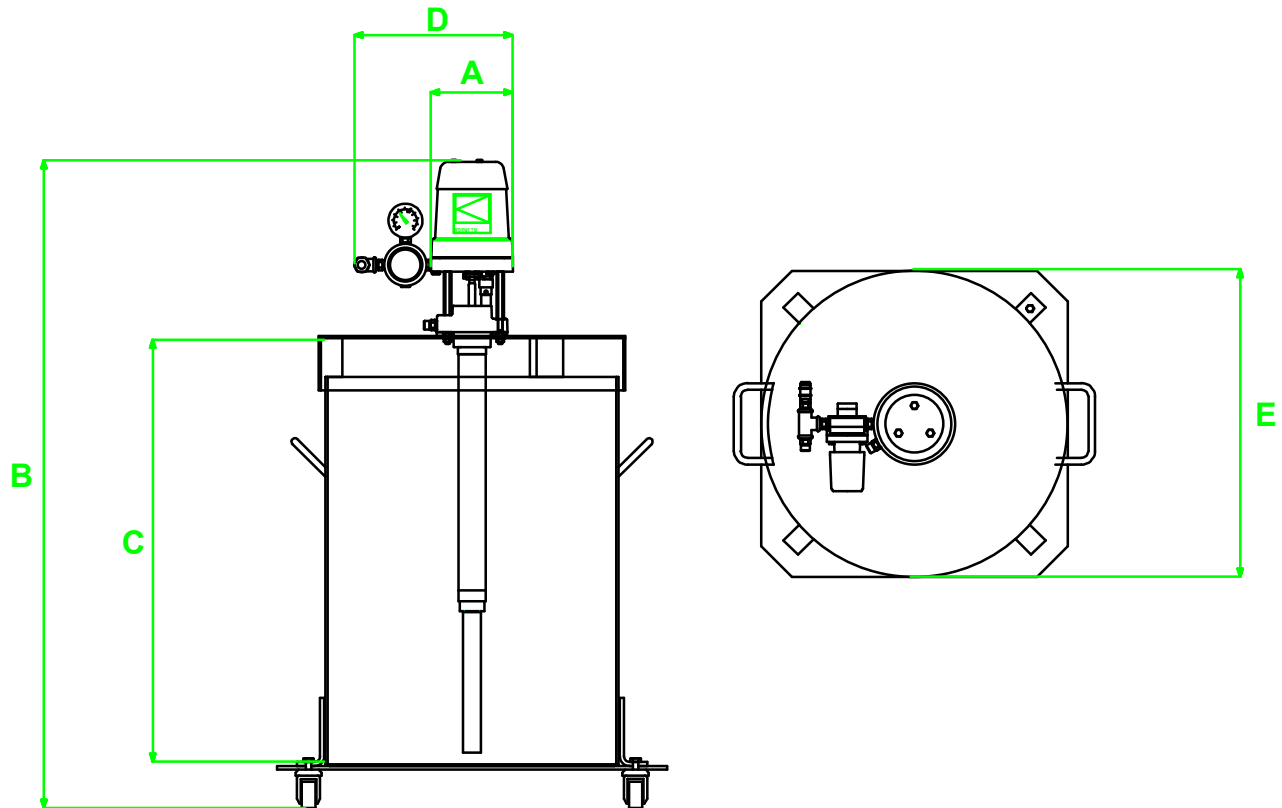
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## ■ DIMENSIONS

Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.
A	120	4.7	B	960	38	C	625	24.6	D	230	9	E	Ø 450	17.7



## 2. MAINTENANCE



### WARNING :

Before any action on the pump, shut off the compressed air supply and depressurize the systems by triggering the gun.

The pump is manufactured under the ATEX agreement and can not be modified. KREMLIN REXSON will not be held responsible for any failure to comply with that instruction.

Guards (motor cover, coupling shields, connectors,...) have been designed for a safe use of the equipment.  
The manufacturer will not be held responsible for bodily injury or failure and / or property damage due to destruction, the overshadowing or the partial or total removal of the guards.

#### ■ SUCTION VALVE (REFER TO DOC. 573.038.050)

Unscrew suction valve body (16).

The ball (18) is secured on the seat by means of a circlips (19).

Reinstall suction valve assembly and check if seal (20) is not worn or damaged.

#### ■ EXHAUST VALVE

Unscrew cylinder (2) and pull it downwards.

Unscrew ball seat (11) by holding piston end (8).

Check if valve seal (12) and ball (14) are not worn or damaged.

Clean and reinstall the parts : be careful not to damage valve seal (12).

#### ■ CARTRIDGE

Unscrew cylinder (2) and pull it downwards.

Separate motor piston rod from material rod (22) by removing connecting pin (26) and cotter pin (27).

Remove circlips (6) located in the pump body cup (1) and pull cartridge (4) downwards.

When reassembling :

Insert material rod (22) into the new cartridge (4) - **from the top to the bottom** - to avoid damaging the seal.

Install material rod with new cartridge assembly in pump body (1).

Install cartridge by means of the circlips (6).

When remounting the other parts, be certain seals are installed.

#### ■ AIR MOTOR VALVE (REFER TO DOC. 573.023.050)

**Guards (motor cover, coupling shields, connectors,...) have been designed for a safe use of the equipment.**

**The manufacturer will not be held responsible for bodily injury or failure and / or property damage due to destruction, the overshadowing or the partial or total removal of the guards.**

Disassemble the cover (15) by removing the 3 M6 screws (26).

Unscrew the air motor valve (14) by holding on the control rod (12).

Reinstall the new air motor valve (14) and block it on the control rod (12) via the two flat parts located at its end.

Reinstall the cover (15) with its 3 nuts (26) : ➡ **maximum screwing torque : 4mN / 2.95 ft/lbs**

**Before reassembling the different components :**

- **Clean the parts with the appropriate cleaning solvent.**
- **Install new seals if it is necessary after having lubricated them with PTFE grease.**
- **Install new parts if it is necessary.**