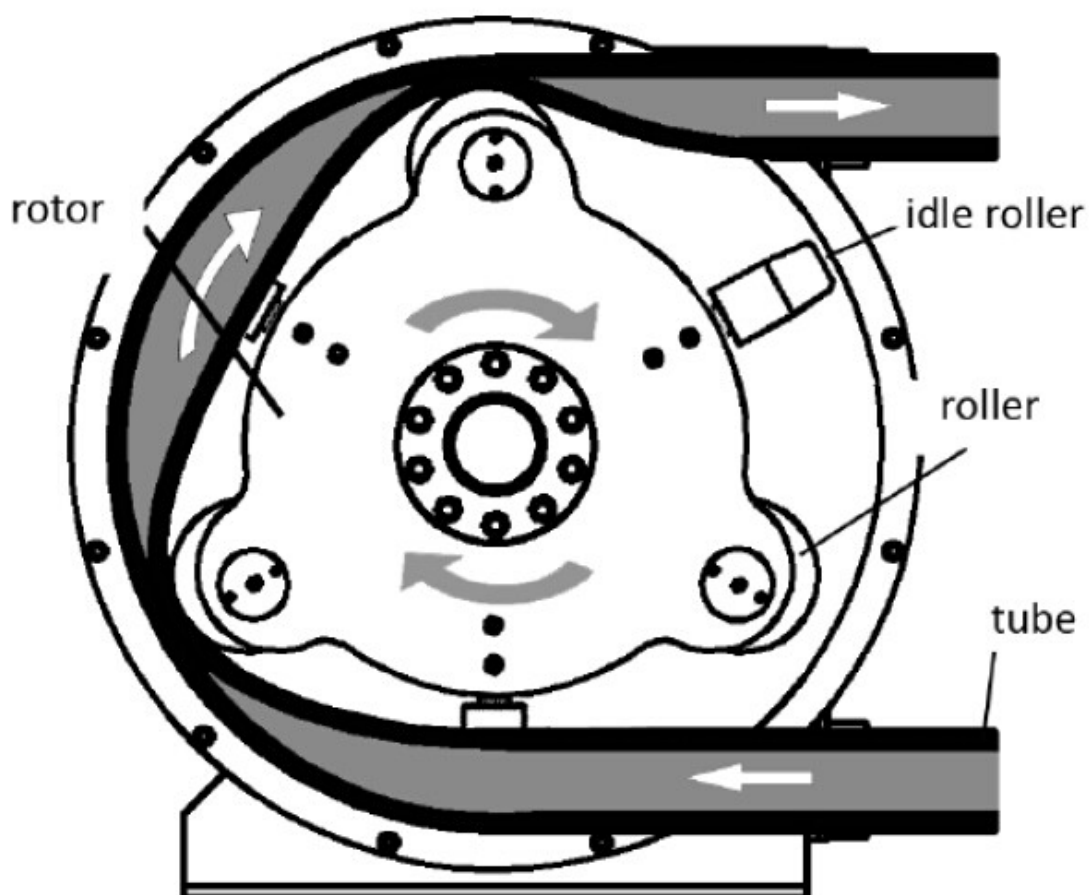




GH89-610C Hose Pump

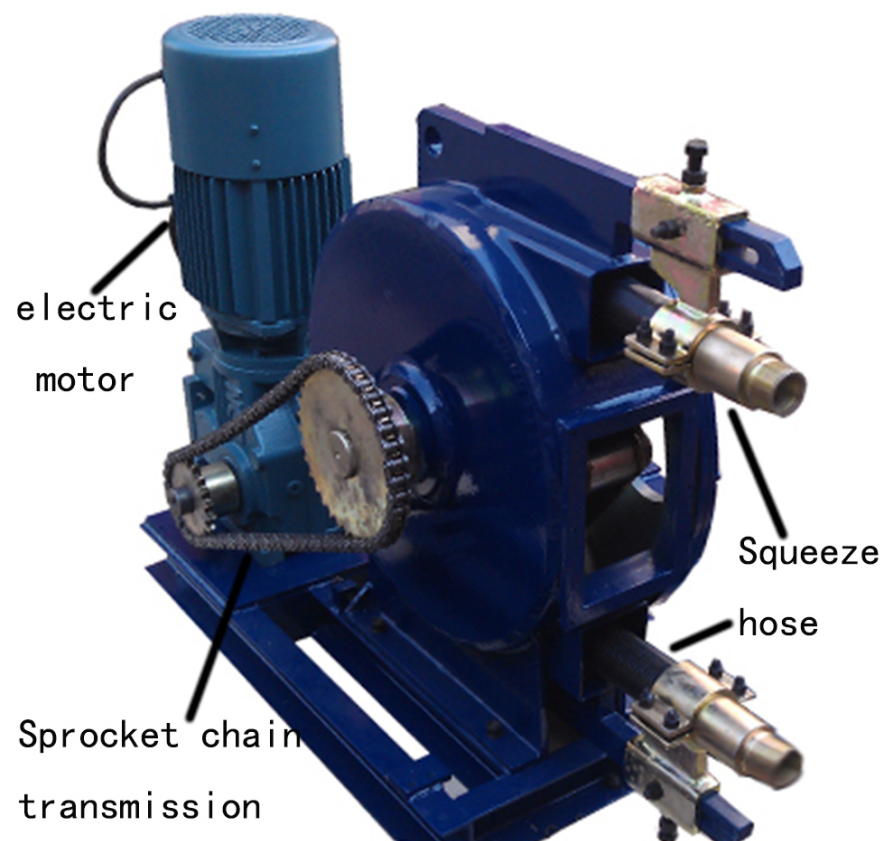
Working principle:

GEC heavy-duty industries hose pump is a kind of peristaltic pump. An elastomeric tube is squeezed along a length by rollers that push the fluid contained within. The tube's restitution after squeezing produces a vacuum that draws fluid continuously into the tube. This creates a gentle pumping action that doesn't cause any damage to the product. Contaminations are avoided because the fluid is contained within the tube. The pump employs a rotor with rollers mounted on it that continually compress and occlude some portion of the tube. This action moves the fluid through the tube with a constant rate of displacement for each revolution of the rotor, enabling a precise measurement of the volume of fluid pumped through the tube.



Pump Features:



- Reversibility
- Sealessness and valveless
- Abrasion resistance
- Self priming with high suction
- With 1% repeat precision
- Corrosion-resistant
- Easy to clean
- Can run dry without damage
- Peristaltic tube is the only consumption part



GH89-610C Hose Pump Specification:

Type	GH89-610C
Max. output	240L/min
Rotation	45RPM
Squeeze hose ID	89mm
Max. pressure	1.0Mpa
Voltage	3 phase, 380V, 50HZ
Power	22KW

Pictures:**1) the comparison of pump core**

Common pump core	GEC pump core
 A photograph of a common pump core, which is a simple, heavy-duty metal casting with a central shaft and a gear mounted on the side. It is shown on a workbench with various tools and parts.	 A photograph of a GEC pump core, which is a more complex, multi-ported metal casting. It features a central shaft and several side ports, with a more intricate design than the common pump core.

2) There are three types squeeze hose for choose

Chinese squeeze hose	Trelleborg squeeze hose	Enviroflex squeeze hose
 A photograph of a Chinese squeeze hose, which is a thick, black, flexible hose with a blue band around the middle.	 A photograph of a Trelleborg squeeze hose, which is a thick, black, flexible hose with red and white markings.	 A photograph of an Enviroflex squeeze hose, which is a thick, black, flexible hose with a textured, ribbed surface.

3) The transmission type



A- cycloidal pinwheel reducer gear box



B- spiral bevel gear (SEW series)



C- sprocket chain transmission

4) GH89-610C pump in difference angles



5) GH89-610C hose pump applied in metro project



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