DOSING PUMP

Watermart Perkasa
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HYDROPRO

DOSING PUMP

ADVANTAGES AND FEATURES

1. ENERGY-SAVING AND ECO-FRIENDLINESS

Accurate dosing,compact design: Benefiting from our independent circuit R&D ability and excellent electromagnetic design experiences, the pump realizes the output capacity the same as that of similar products by lower power and smaller volume to cut cost, save energy and protect the environment.

2. EXCELLENT COMPACT STRUCTURE

Adopt space technology to reinforce the strong corrosion resistance: Valve seat, made of PTFE material, has better overall tolerance of liquid contact part, not only guarantees the leakproofness but also protects the rubber ring valve seat against expansion and corrosion after longtime use, or the tightness would decrease.

3. OPTIMIZED PUMP HEAD STRUCTURE

Pump head, made of high modified material, full chemical compatibility: As verified in practice, the internal structure of pump head effectively avoids flash gas and cavitation inside pump head, meanwhile, optimizes the procedure of liquid flow, and drops the ultra-large shear force on liquid to maintain the conveying capacity and improve the overall efficiency of pump.

4. ULTRA-LOW MAINTENANCE COST

Full pure PTFE diaphragm, five-year warranty: Diaphragm is made of full pure PTFE, with superexcellent tolerance and long service life, which will sharply cut the maintenance cost of product. Moreover, we provide five-year lifetime warranty for the diaphragm of dosing pump.

5. IDLING TO BE ALLOWED

Unique idling capacity: With improved full pure PTFE diaphragm, the dosing pump can still work safely without damage upon diaphragm after quite a long time once the chemical liquid in dosing barrel is used out,and without timely feed or any misoperation occurs.

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6. SIMPLIFY OPERATION

Simple and visual digital display mode and clear parameter setting save time and cut cost, and guarantee the perfect connection of control process.

7. CONVENIENT TO MANAGE STOCKING

Uniform valve group, made up of universal size one-way valves, reduces the confusion among parts and components.

8. CUSTOMIZABLE SERVICE

Reasonable and flexible internal design makes customization realizable. We can provide solutions for you according to user demand and special working conditions to avoid the embarrassing modification of process design upon the unsuitability of product. We stick to the principle of providing clients with more professional and quicker support all the time. Through the experience and accumulation in the past years, we have comprehended both pumps and the water treatment industry more profoundly. Our strong technical team can provide individualized products or compact dosing system centering on dosing pump for your production process according to your particular requirements.

DFD Series
Manual Operation

- Quick and simplified manual operation mode
- Buttons are used to control start and stop of the pump and set the stroke frequency (spm); setting range of stroke frequency is from 1(spm) to the maximum frequency value; whenever the pump is running or stops, the flow can be adjusted.
- Flow range is 1-55L/h, maximum pressure is 20Bar.
- Five flow stages are optional that is more accurate and controllable.
- Current working frequency is digitally displayed.
- NX, GX and X are equipped with a liquid level switch interface.

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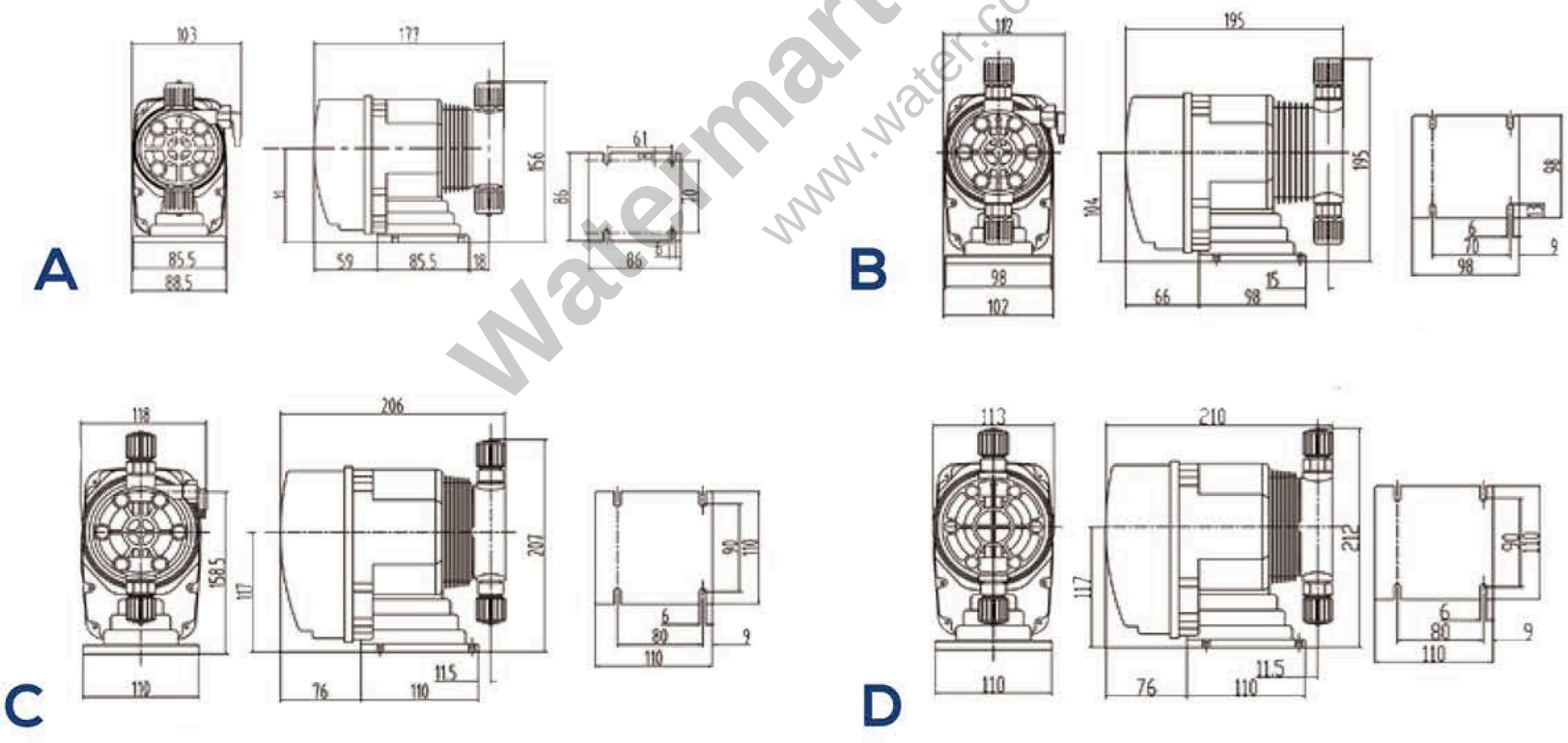
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Classic Series——DFD-X

As solid as rock after years of development
After withstanding the intensive market competition in the past years, HYDROPRO dosing pumps, by virtue of coherent stable quality and superexcellent performance, timeproof optimal and simplest structural design and larger drive unit, guarantee the stable output while reducing the number of accessories, greatly prolong the total fatigue life, cut the maintenance cost, and promote the stable operation of batches of dosing systems day after day, wins the high praise of numerous domestic and foreign clients, and became the most credible link in user's process.

Model	Capacity L/h	Max Preassure Bar	Frequency Strokes number/1'	Max Sunction/m	Power W	Weight Kg	Size C
DFD-09-07-X	9	7	120	2	65	3.8	C
DFD-2-16-X	2	16	120	2	65	3.8	C
DFD-06-07-X	6	7	120	2	65	3.8	C

Installation Dimension Drawing



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