# duo 65-9,0

2016-01-14

## POLYMORE duo 65-9,0

is a complete dissolving- and dosage equipment for liquid, concentrated polymer in emulsion- or dispersion form.

The equipment is complete, including mixing chamber with a built in agitator. The machine is delivered with a system for solvent water including valves, flow meter, a flow switch and a control cabinet with a built in pump for the concentrated polymer.

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is designed for a maximum capacity of ***9 litres*** concentrated polymer (product as supplied) per hour with a maximum flow of ***4200 litres*** water

**Technical data:**

| | |
|---|---|
| Water flow - preparation water: | 4 - 20 litres/min |
| Water flow - dilution water: | 5 - 50 litres/min |
| Polymer flow - dosing pump: | 8 - 150 ml/min |
| Rated current: | max 2A |
| Voltage supply (acc. to IEC 60309-2): | 380-420 VAC, 50 Hz, 3P+N+PE<br>*other voltages available upon request |
| Control circuits (PELV): | 24 VDC |
| Remote control: | Voltage free contact + 4 - 20 mA |
| Volume - mixing chamber: | 22 litres (Ø265 x 400 mm) |
| Retention time: | 5,5 – 1,0 min |
| Dimensions - W x D x H: | 650 x 505 x 700 mm |
| Connection - water: | R1¼" – 32 |
| Connection - polymer solution: | R1" – 25 |
| Polymer dosing pump - type: | Peristaltic (tube) pump |
| Sound level: | < 60 dB(A) |
| Max. counter-pressure, polymer solution: | 1 bar |
| Recommended running temperature: | +10 - +40 °C |
| Weight (empty chamber): | 45 kg |
| Internal diameter of the pump tubing: | Ø 8,0 mm |

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