

Feeding pumps

Series ZYM



sera - Feeding pumps

are leakproof oscillating displacement pumps for the transfusing of capacities up to 1300 l/h.



Application

Free-flowing chemicals with aggressive, odorous, abrasive, radioactive, flammable, viscous or toxic properties.

Advantages

- Leakproof
- Highest dosing accuracy
- Completely safe if run dry
- High quality materials
- Low maintenance
- Low operating cost

Ask us to submit a quotation to meet your specific requirements!

Feeding pumps

Series ZYM



sera
Seybert & Rahier

Material

The high quality of the materials ensures continuous and reliable operation.

An appropriate material* is available for nearly every requirement.

Pump body and valves:

PVC, PP, PVDF, 1.4571, PP-FRP PVDF-FRP, 1.4571/1.4581

Valve balls:

Glass, PTFE, 1.4401

Valve sealing:

EPDM, FPM, FEP-covered

Working diaphragm:

PTFE-faced

*Please ask for any materials not listed

Drive and control possibility

Electrically driven standard motor on the drive housing with constant speed and therefore constant capacity of the pumps.

A control adjustment of the capacity is possible with a frequency converter which can be controlled by a 0/4 – 20 mA input signal.

Operating conditions

Ambient temperature: until approx. 40° C

Humidity: until approx. 90 %

Enclosure: IP 55

Pump type	Capacity		Permissible counterpressure p_2 max. [bar]	Permissible suction height [mWC]	Nominal width at Inlet/Outlet DN [mm]	Rated power [kW]	Nominal stroke frequency	
	Q_N [l/h] with 50 Hz	Q_N [l/h] with 60 Hz					n_N min ⁻¹ with 50 Hz	n_N min ⁻¹ with 60 Hz
ZYM 409.1 – 450 e	450	540	3	3	15	0,37	100	120
ZYM 409.1 – 650 e	650	–	3	3	15	0,37	134	–
ZYM 409.1 – 900 e	900	1080	2	2	20	0,37	100	120
ZYM 409.1 – 1300 e	1300	–	2	2	20	0,37	134	–



sera

Dosing
Feeding
Compressing

**Seybert & Rahier
GmbH + Co. Betriebs-KG**
sera-Straße 1
D-34376 Immenhausen
Phone + 49 56 73 99 90
Fax + 49 56 73 99 91 55
e-mail: info@sera-web.de
www.sera-web.de

Local **sera** - Representative:

Hyxo Oy

P.O. Box 16 (Palokorvenkatu 2)
FI-04261 Kerava, Finland
Tel. +358 10 417 4500
Fax +358 10 417 4501
hyxo@hyxo.fi • www.hyxo.com