

Feeding pumps

Type ZXM / ZXR



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Seybert & Rahier

sera-Feeding pumps type ZXM / ZXR

are leakproof oscillating displacement pumps to transfuse flow capacities up to 3100 l/h.



Application

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

Advantages

- Completely leakproof
- Optimum dosing precision
- Completely safe if run dry
- High quality materials
- Capable of continuous operation with low maintenance
- Low operating costs

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

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Materials

The high quality of the materials ensures continuous and reliable operation. We have the optimum material* for each requirement.

Pump head and valves:

PVC, PP, PVDF, 1.4571, PP-FRP, PVDF-FRP

Valve balls:

Glass, PTFE, 1.4401

Valve seals:

EPDM, FPM (Viton), FEP-covered

Working diaphragm:

PTFE-faced

*Please ask for any material required but not mentioned here.

Drive and control

The pump is driven by a gear motor mounted at the side.

A variable pump capacity for the ZXR pump types is either possible manually via an adjustable gear motor or via a gear motor with frequency converter – controlled by a 0/4-20 mA input signal.

The flow capacity of the ZXM pump types is constant.

Operating conditions

Temperature : up to approx. + 40° C

Air humidity : up to approx. 90 %

Protection : IP 55

Pump type	Nominal capacity		Permissible counterpressure p_2 max. [bar]	Permissible suction height [mWC]	Nominal width DN [mm]	Driving power [kW]	Nominal number of strokes	
	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
ZXM 411.3 – 2200 e	2200	2640	4	8	32/25	0.75	84	100
ZXR 411.3 – 2200 e	480 – 2400	¹⁾	4	8	32/25	0.75	84	¹⁾
ZXM 411.3 – 2600 e	2600	2600	4	8	32/25	0.75	110	110
ZXR 411.3 – 2600 e	520 – 2600	¹⁾	4	8	32/25	0.75	110	¹⁾
ZXM 411.3 – 3100 e	3100	3100	4	8	32/25	0.75	123	¹⁾
ZXR 411.3 – 3100 e	600 – 3100	¹⁾	4	8	32/25	0.75	123	¹⁾

¹⁾ Flow capacity and nominal number of strokes on request!

CE

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Dosing
Feeding
Compressing

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