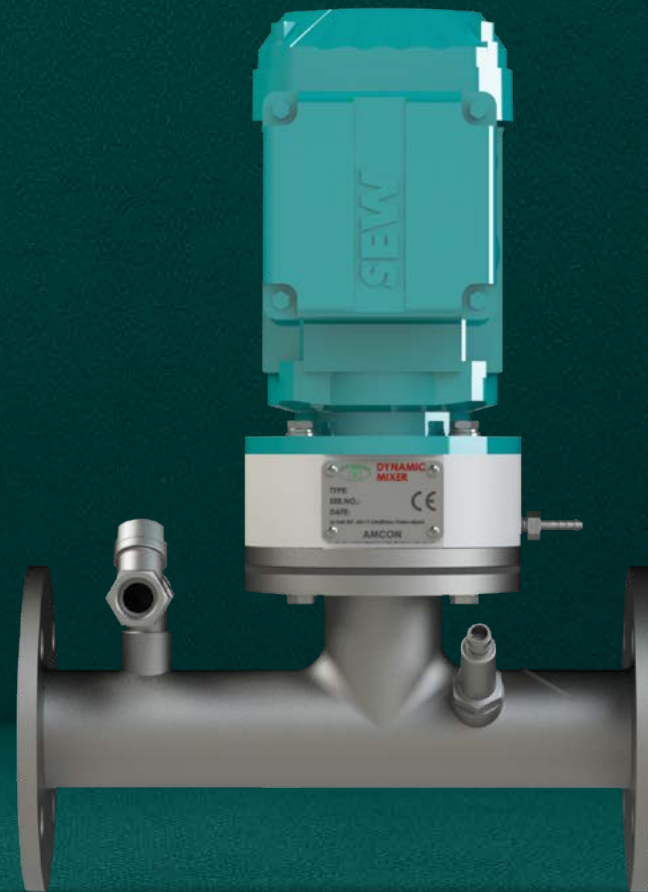

INLINE DYNAMIC AND STATIC MIXERS

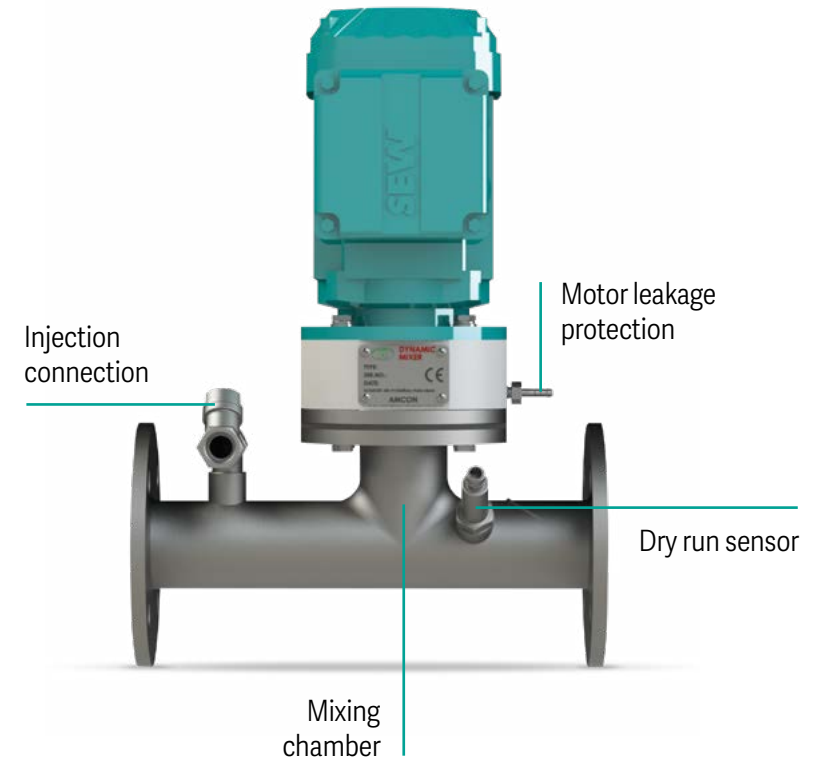


INLINE DYNAMIC AND STATIC MIXERS

The inline dynamic and static mixers were developed in cooperation with the Czech Technical University in Prague for the best practice with inline mixing in industrial processes.

The unique design of the mixing chamber provides high admixing efficiency and reduces the risk of blockage. The inline mixing optimizes the admixing process thanks to a lower dilution ratio e.g., polymer dilution.

DYNAMIC MIXER



Advantages

- Homogenous mixing result
- Significantly reduced risk of blockage
- Long lifespan
- Potential chemical saving by improving the mixing efficiency
- Installation and integration in existing processes

Options

- Dry run protection
- Thermistor to prevent motor overheating
- Material upgrade to AISI 316L, AISI 316Ti
- Variable-frequency drive (VFD)

Applications

- Sludge and wastewater treatment
- Chemical industry
- Food and beverage
- Pharmacy
- Others

Customer Service

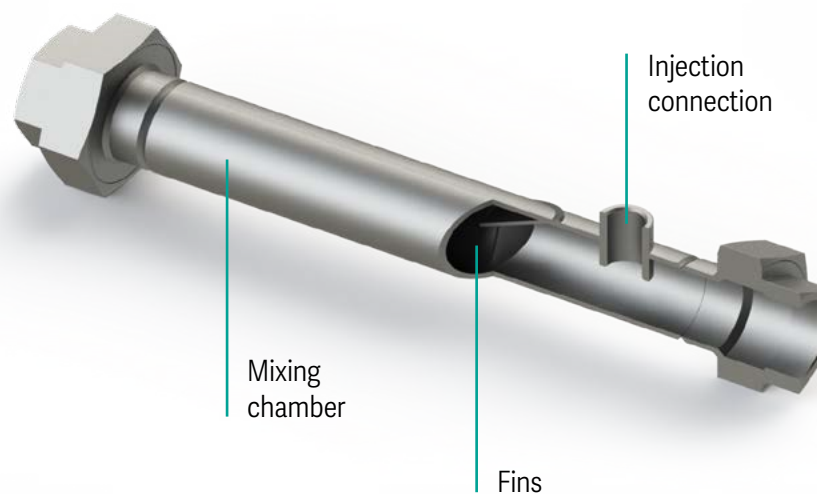
- Quick and easy spare parts service
- Reliable customer support
- Two-year warranty

Dynamic mixer – Technical sheet

Model	Capacity ¹ – Main substance [m ³ /h]	Capacity ¹ – Mixed substance [m ³ /h]	Power [kW]	Installation length [mm]	Connection type	Injection port size	Protection class	Rotation speed ² [rpm]	Material
DM40	10	0.7	0.25	300 / 430	Flange / Union	G 1/2" F-thread	IP55	300–1700	AISI 304
DM50	15	2	0.37	315 / 455	Flange / Union	G 1/2" F-thread	IP55	300–1700	AISI 304
DM80	35	4.5	0.75	385	Flange	G 3/4" F-thread	IP55	300–1700	AISI 304
DM100	60	6	1.1	435	Flange	G 1" F-thread	IP55	300–1700	AISI 304

STATIC MIXER

Reliable and continuous inline mixing
 Cost-effective admixing
 Energy-saving motionless design
 Wide range of application
 Two-year warranty



Static mixer – Technical sheet

Model	Capacity ¹ – Main substance [m ³ /h]	Capacity ¹ – Mixed substance [m ³ /h]	Installation length [mm]	Connection type	Injection port size	Material
SM40	4.5	0.4	370 / 500	Flange / Union	G 1/2" F-thread	AISI 304
SM50	20	2	370 / 510	Flange / Union	G 1/2" F-thread	AISI 304

1. The capacity is dependent on the concentration of the mixed substances.

2. The variable rotation speed is possible only with an application of the variable-frequency drive (VFD).



Amenity and Convenience
Beyond Expectation

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