

AERATING MIXERS

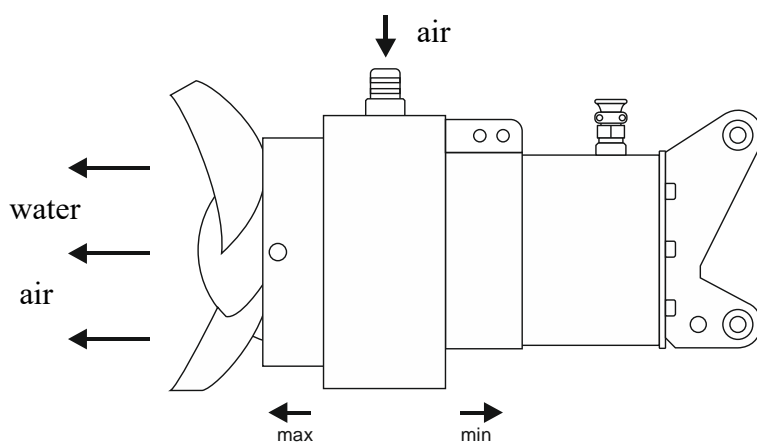
Submersible mixers with an aeration attachment. Intended for operation in intermediate pumping stations, drainage basins, retention reservoirs and wastewater treatment plants. These machines pump liquid with high performance, sucking in air supplied by a hose from above the tank's surface. Guides equipped with their own hoist lines are used for installation and later handling of jet nozzles.

Functions:

- mixing and aeration of wastewater
- only mixing of wastewater
- homogenization
- prevention of sediment deposition
- refreshing wastewater

Mixer symbol	MZ10-30	MZ20-30	MK22-30	MK30-30	MK40-30	MK55-30	Unit
Mixer power	1.1	2.2	2.2	3.0	4.0	5.5	kW
Revolutions	920	1410	960	944	960	940	rpm
Rotor diameter	230	230	380	380	380	380	mm
Rotor type	rotor, tri-blade, self-cleaning						-
Seals	two-level frontal seal with oil buffer chamber						-
Mixing capacity up to	110	150	165	245	300	400	m ³
Aeration capacity up to	1.2	2.4	2.5	3.3	4.2	5.3	kgO ₂ /h
Interior diameter of air hose	20					32	mm
Power supply	3 x 400 (50Hz)						V
Weight	28	31	55	55	64	64	kg
Material	Standard: rotor – stainless steel, body – grey cast iron Acid-resistant: all exterior elements made of stainless steel						
Power cable	H07RN8-F (AD8) power cable, length 6m (or longer upon request)						
Additional equipment (optional)	<ul style="list-style-type: none"> - angle attachment enabling inclination of the mixer by 10°, 20° - rotor guard (jet orifice) increasing performance - anti-vortex guard preventing the formation of an air vortex 						
Guide types	PST-standard (under hatch), PSO-self-service, PSN-self-bearing						

The data above should be given in greater detail and updated based on information on www.biox.pl



od 1989

mieszadła



natleniacze



dekantery



zbieracze



żurawiki



przewodnice



wciągarki