

## MK 22-55 TURBO SUBMERSIBLE MIXERS

Submersible mixers made of stainless steel or acid-resistant steel, for operation in particularly demanding conditions. Modern design with high-performance turbine rotor.  
 Three types of guides can be used for installation and handling of mixers, including self-service guides equipped with their own winch.

- Functions:
- mixing of wastewater
  - mixing and aeration of wastewater
  - homogenization
  - prevention of sediment deposition
  - elimination of froth and coat

Mixer symbol	MK22.6	MK25.6	MK30.6	MK35.6	MK40.6	MK48.6	MK55.6	Unit
Mixer power	2.2	2.5	3.0	3.5	4.0	4.8	5.5	kW
Revolutions	960	954	935	920	902	950	940	rpm
Rotor diameter	325 - 480							mm
Rotor type	Turbine rotor, two- or three-blade, self-cleaning							-
Seals	two-level frontal seal with oil buffer chamber							-
Mixing capacity	185	210	270	320	335	400	460	m <sup>3</sup>
Mixing economy	11	11	11	11	12	12	12	W/m <sup>3</sup>
Mixing range	22	23	26	28	29	32	34	m
Power supply	3 x 400 (50Hz)							V
Power cable	standard or screened, length 6m (longer cable available upon request)							-
Material	stainless or acid-resistant steel (exterior elements made of 304 or 316)							-
Weight	50	50	50	50	50	59	59	kg

### Additional equipment (optional)

- angle attachment for deflecting mixer by 15° or 25° from level
- rotor guard (jet orifice) increasing mixing performance
- attachment for mixing with simultaneous aeration of wastewater
- coupling flanges enabling operation as pumping mixers
- built-in water presence, moisture and motor temperature sensors

**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](http://www.biox.pl)

