

**Technology.
Innovation.
Commitment.**



SUBMERSIBLE MIXER

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General Features

- Compact structure, light weight, easy to operate and maintenance, simple installation, long lift span.
- Self-cleaning blade, preventing debris from twining or blocking.
- Used together with aerator lowers energy consumption, high aeration rate, preventing sedimentation.
- Mechanical seal is made of corrosion-resistant tungsten carbide.

Application

- Point submersible mixer is used for municipal sewage treatment plant and industrial wastewater treatment plant to produce low tangential flow with force, also can be used for create a flow for circulation, nitrification, de-nitrification and phosphorus removing.

Electrical Features

- Rating : 2.0 HP – 10 HP (1.5kW – 7.5kW)
- Speed : 480 - 960 rpm
- Voltage/Phase : 415V / 3PH
- Protection : IP 68
- Insulation : Class 'F'
- Duty : S1
- Medium Temp. : 40°C (max.)
- Cable length : 10m



PERFORMANCE CHART

Model	Rating (kW/HP)	Impeller Dia. / No. of Vanes	Impeller & Host Material	Phase	Speed	Push-force (N)
PM 260-3-2.0	1.5/2.0	260 / 3	SS 304	3.0	960	260
PM 320-3-3.0	2.2/3.0	320 / 3	SS 304	3.0	740	580
PM 320-3-5.0	3.7/5.0	320 / 3	SS 304	3.0	960	690
PM 620-3-7.5	5.5/7.5	620 / 3	SS 304	3.0	480	1800
PM 620-3-10	7.5/10	620 / 3	SS 304	3.0	480	2600

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