XIAMEN TUNGSTEN | CIITTO SERVO

XDK SERIES

HIGH-EFFICIENCY SUBMERSIBLE MIXER MOTOR

POWER: 1.5-10kW

Basic technical requirements and characteristics of electric motors

- Protection class: Ip68;
- Cooling method: water-cooled or self-cooled;
- Installation method: sewer installation;
- Insulation class: F class or H class;
- Working system: S1orS9;
- Voltage class: 380V/660V; (Customizable cocoa)
- Frequency: 50Hz (60Hz can be derived, or specified frequency);
- Power range: 1.5-10kW;

Core characteristics of electric motor

- Efficient heat dissipation: Utilizing direct cooling through water bodies, it boasts high heat dissipation efficiency and is suitable for long-term continuous operation underwater.
- Durable and corrosion-resistant: The shell is made of stainless steel or cast iron with anti-corrosion coating, which can work stably in harsh media such as sewage and sludge.
- overload protection: Equipped with built-in thermal protection, leakage monitoring, and other devices, it can effectively prevent the motor from being burned or damaged by water ingress.
- Low-noise operation: Optimized structural design and shock-absorbing components reduce operating noise and vibration.
- Easy maintenance: Some models can be quickly maintained underwater without requiring overall lifting.

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Technlcal Data

Motor Type	Rated Power	Rated Current	Synchronous Speed	Power Factor	Efficiency	Rated Torque	Torque Constant	L	L1
	kW	A	%		%	N.m	N.m/A	mm	mm
YQJB10/620/3-500	10	16.8	500	0.95	94.2	191	12.4	958.5	580.5
YQJB7.5/620/3-500	7.5	12.6	500	0.95	94	143	12.6	847	469
YQJB5/620/3-500	5	8.7	500	0.95	92.5	100	11.9	802.5	424.5
YQJB4/620/3-500	4	6.6	500	0.95	91	76.5	12.6	780.5	402.5
YQJB3/400/3-500	3	5.3	750	0.95	92.3	38.2	7.9	723	421
YQJB2.2/400/3-500	2.5	4.4	750	0.95	91.8	31.8	7.7	687	385
YQJB1.5/400/3-500	1.5	2.6	750	0.95	91.3	19.1	7.7	633	331
YQJB4/8-2500/2-42/P	4	7.4	1450	97	95.1	33.25	43.6	95	90.3
YQJB5.5/8-2500/2-56/P	5.5	10.4	1550	103	95.4	27.58	56.2	95	90.6
YQJB5.5/8-2200/2-65/P	5.5	10.2	1800	120	95.6	27.58	65.3	95	90.8
YQJB7.5/8-2500/2-65/P	7.5	13.3	1800	120	95.7	27.58	65.3	95	90.8