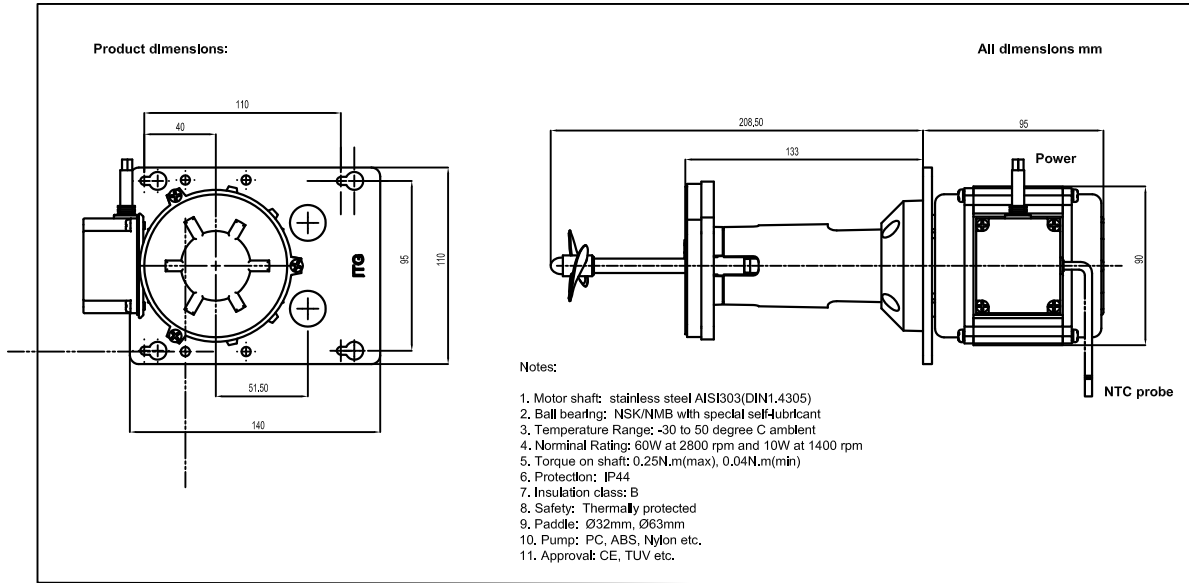


COOLING PUMP

BLDC Motor Driving

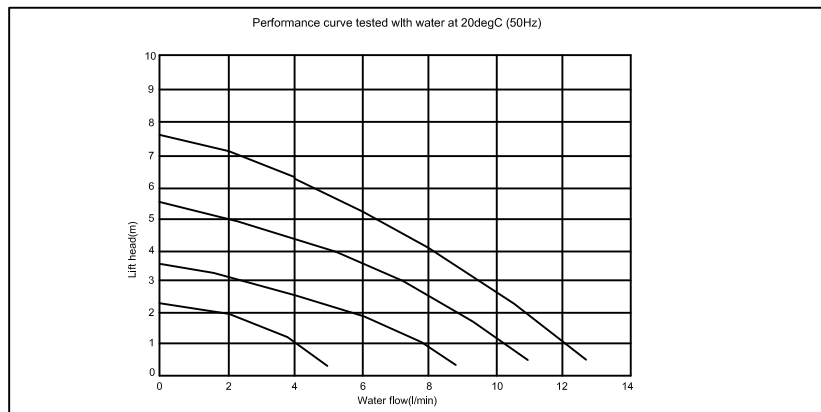
ITG



Brushless DC motors from ITG are electronically commutated (EC) motors. They are very high efficiency (>73%) electric motors and maintain a high efficiency level at part speed.

In terms of speed control and features, because the motor's operation is controlled by software, ITG motors allow customers to optimize and intergrate the motor, pump / agitator and controller with the respective application.

In the most cases the motors operate at less than full speed load, which reduces the efficiency of the motor installed in an application to only 10~40%. This reduced operation at the compressor level, which allows further energy savings.



Electronic::

Version	Titled	Functionality	Interface
1	2 speed/reversible	2 speed OR reversible with NTC option if fitted	Single HV wire switching
2	Temperature controlled	Fully variable speed factory programmable range(min. 600 to max. 3000 rpm)	NTC thermocouple
3	PWM speed controlled	Fully variable speed factory programmable range(min. 600 to max. 3000 rpm)	PWM signal input (isolated)

Technical data:

Type	Voltage (V)	Frequency (Hz)	Input power (W)	Variable Speed (rpm)	Water flow (l/min)	Max head (m)
ECP-80-1060	220~240	50	10~60	1400~2800	4.5~13.5	2.5~7.5