

Failure analysis system procedure of 4” and 6” submersible pump end

INCONVENIENT	CAUSE	REMEDY
THE MOTOR FAILS TO START	No electricity supply	Contact the eletricity supply authorities
	Starter device is defective	Repair or replace the starter device
	The pump is stuck	Pull out the pump and clean
	The motor starter overload has tripped out	Reset the motor starter overload
THE PUMP DELIVERS ABSOLUTELY NO WATER	No water or too low water level in borehole	Wait water level restoration, or increase the installation depth of the pump
	Stuck screen	Pull out the pump and clean
	Pump covered with sand	Pull out the pump and clean
	Clock check valve	Pull out the pump and release
AMPERAGE GO UP	Pump covered with sand	Pull out the pump and clean
	Mechanical friction	Pull out the pump and replace
INSUFFICIENT CAPACITY AND HEAD	Wrong 3ph motor direction of rotation	Wires line must be inverted
	Stuck pump/screen	Pull out the pump and clean
	Leckage in the pipe work	Check and repair the pip work
	Worn pump	Pull out the pump and replace the won parts