

SERVICE BULLETIN

Model	: BS-480C, BS-X3452, BS-X3453C
Issue/question	: Motor hums as it approaches full stop see attached video
Cause of noise	: Brake activation-normal occurrence
Brake type	: Reverse current braking
Reason for fitting brake	: WH&S requirement controlled stop w/in 10s

BS-480C (2HP)



BS-X3452C (2HP), BS-X3453C(3HP)



Reverse current braking is a non-friction type accomplished by reversing the phase sequence of supply voltage inside the switch. This results in the reverse rotation of magnetic field in the motor and forces the motor to rotate in opposite direction.

Fitted with electro-mechanical brake (friction type)

BS-530C
Jet-JWBS15/18/20M
Jet-JWBS18Q/16X

This brake is normally engaged (shaft is locked) if motor is off in state.

If you press the start button (green) the brake energizes (freeing the shaft) and motor energizes at the same time. Noise is audible as brake engages and disengages.

Not fitted with brake

BS-245H
BS-345C
BS-345H
Jet-JWBS14Q
PM-PWBS14

Obsolete:
SBW-5300/4800/4300CE