



**Fig. 1PM06: Split Phase Motor - Permanent Split Capacitor [ "PSC" ]  
3 Speed w/ Interwound Autotransformer.**

Permanent Split Capacitor motor. This is used on many ceiling fans and oscillating fans. The speed control is done via an integrally wound Autotransformer [wound with the stator], but can be done externally with an Autotransformer [like a Variac, or simple tapped Autotransformer and physical switches] if the motor is set on the "High Speed" setting. Capacitor and Aux. winding remain connected at all times. The value of the capacitor is low, as compared to a starting capacitor [4 - 7 MFD

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