

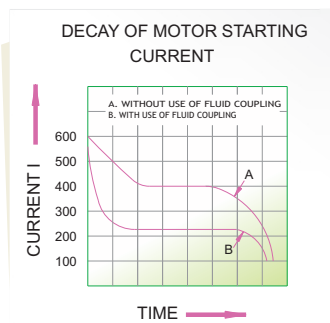
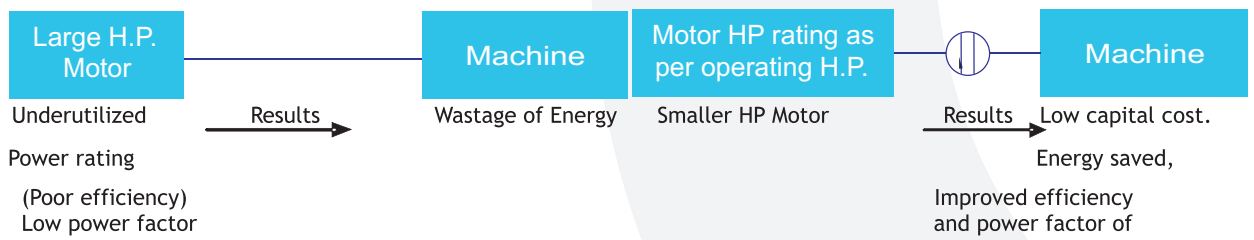
## THE ENERGY - CONSCIOUS FLUIDOMAT FLUID COUPLINGS

Fluidomat Fluid Couplings are recognised as energy savings devices by the Government of India and attract 100% depreciation under the Income Tax Act.

Fluidomat fluid couplings backed by proven design, expertise and application engineering are being used successfully by many industries for energy conservation. Some of the areas of conservation. Some of the areas of conservation are as

- 1) **Motor selection as per operating HP-use a Fluidomat fluid coupling**  
The selection of motors can be done as per Operating H.P. rather than starting of load.

When using a Fluidomat Fluid coupling

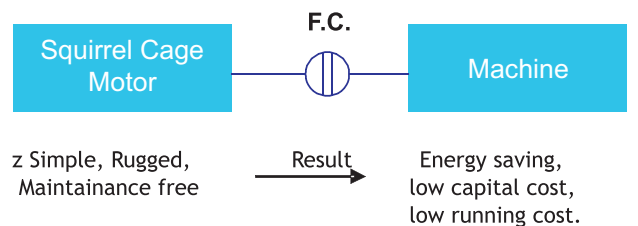
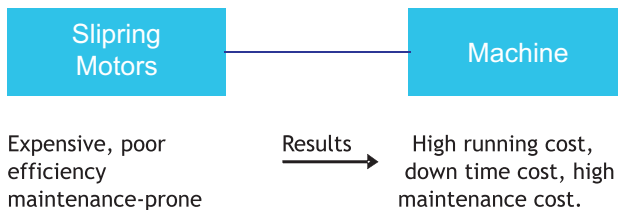


On a 650 KW motor drive on a conveyor having 350 KW as running load, energy saving of 4% is obtained by use of a 350 KW motor and a fluid coupling which results in saving of 98000 KWH of energy every year.

**SAVE MONEY EVERY YEAR – USE FLUIDOMAT FLUID COUPLINGS.**

- 2) **Avoid using expensive slipping motors - use a Fluidomat fluid coupling**  
When using a Fluidomat fluid coupling, rugged Squirrel cage motors can be used instead of the expensive maintenance-prone, slipping motors.

Use Fluidomat fluid coupling and replace the Slipping motor with a squirrel cage motor.



3) Reduce H.P. of installed motor - use a Fluidomat fluid coupling

Advantages

Saves Capital cost of :

- Motor
- Starting Switch Gear
- Capacitor
- Transformer
- Distribution equipment
- Cabling

Avoids losses :

- Transformer losses
- Transmission losses
- Low power factor losses
- Low efficiency losses

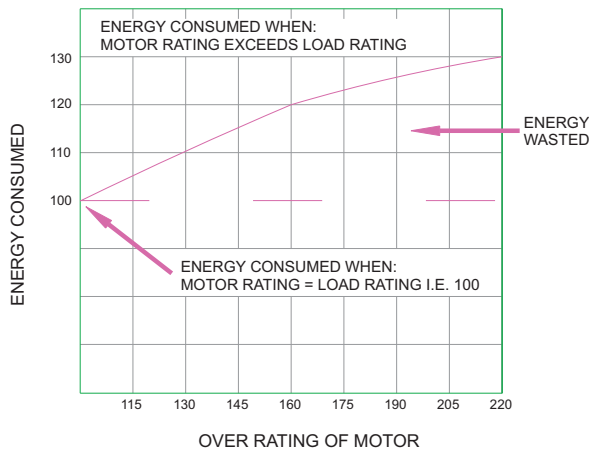
Energy saved  
Running cost lowered

4) Quick start on No load z

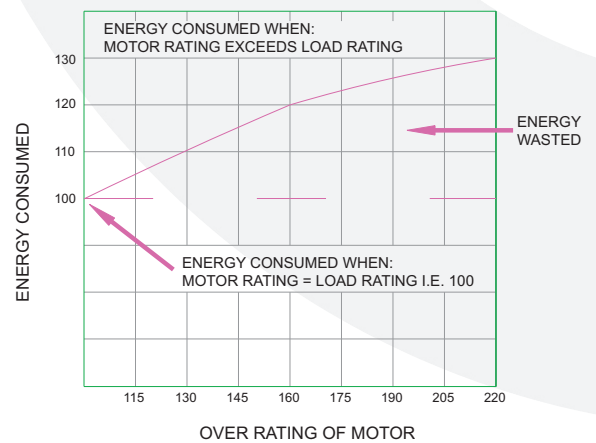
- Use a Fluidomat fluid coupling  
With a Fluidomat fluid coupling there is quick decay of starting current kick which prevents the motor from burning.

ENERGY CONSERVED

ENERGY LOST DUE TO OVER-RATED MOTOR



ENERGY LOST DUE TO OVER-RATED MOTOR



5) Prevent motor from burning - use a Fluidomat fluid coupling

The use of a Fluidomat fluid coupling avoids energy losses, costly down time and maintenance cost.

Fluidomat Fluid Couplings save costs in the drive system.