

TM
UNIQUE

UNIQUEPLUS - PH

Flexible Tyre Couplings

- Tyre firmly bolted to clamping elements, not held in place merely by friction like in conventional couplings
- Greater efficiency
- Significantly superior ratings
- Available in very large range upto 1250 mm dia
- Continuous rating upto 14520 Kgm torque, 2000 HP at 100 rpm
- Maximum torque upto 43560 Kgm for short duration
- Superior transmission capability

These couplings have flexible member firmly bolted to clamping elements. We also manufacture other series of tyre couplings i. e. PX, TC, DG & U Series.

Selection Procedure :

1. Determine the Service Factor applicable to the Driven Machines / Prime Mover combination.
2. Multiply the normal Running Power by the Service Factor to determine the Design Rating of the coupling by the following formula :-

$$\text{Design Rating in HP/100 RPM} = \frac{\text{Actual HP X SF X 100}}{\text{Actual RPM}}$$

3. After determining the design rating, select coupling from Rating Table. Check from the table that the selected size can accommodate the required bores. If not, go in for next higher size that suits.



POWER TRANSMISSION

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