

GEAR COUPLING



CMK ELECTRO POWER PVT LTD.
(An ISO 9001:2015 Certified Company)



Chemical Industries



Crane Industries



Paper Industries



Automobile Industries



Power Plant

Manufacturer of EOT Crane Control Equipments

➤ Gear Coupling

The fundamental characteristic of Gear Couplings is their high torque to size ratio, which offers a compact assembly capable of both high loads and high speeds. The design of these couplings is such that it accommodates angular misalignment, offset misalignment or combined angular-offset misalignment within allowable ratings and permits axial float or thermal expansion of connected shafts.

➤ APPLICATION:

Gear Couplings can be used effectively and economically for transmission of mechanical power in Agitators, Blowers, Cranes, Conveyors, Crushers, Elevators, Escalators, Generators, Hammer Mills, Line shafts, Machine tools, Metal- forming Machines, Mixers, Pumps, Winches etc.

➤ RECOMMENDED SERVICE FACTOR (S.F)

In order to provide for the dynamic torque that must be transmitted, it may be necessary to increase the horsepower to be transmitted by a factor which will allow for momentary increase in torque due to the characteristics of the equipment. The service factors shown in the table below provides a basis for estimating this allowance for specific combinations of connected equipment. These factors are derived from experience with average applications and they can be considered as a general guide.



CMK Brake Drum Couplings that serve the dual purpose of coupling transmitting mechanical power as well as providing brake drum of suitable size for mounting brake within same space. The Models of Brake Drum Coupling are available 4" to 10"



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