

Application	Load	Inertia	Factor
Centrifugal Pumps	Low	Low	1.0
Screw Compressors	Low	Low	1.0
Reciprocating Compressors	Medium	Low	1.0
Fans	Quadratic	Medium/High	1.2 up to 25 HP 1.5 above 25 HP
Mixers (Pulpers)	Medium	Medium	1.5 – 1.8
Mills	Medium/High	Medium	1.8 – 2.0
Conveyors	Medium/High	High	1.8 – 2.0
Centrifuges	Low	Very high	1.8 – 2.0

NOTE!



The values above are valid for normal duty, that is, with no more than 10 starts per hour. The inertia and frictional torque of the load reflected to the motor shaft are also considered above.