



System Information

Motor Shaft Ø _____ mm
 Pump Shaft Ø _____ mm
 RPM _____ RPM
 DBSE (Distance Between Shaft Ends) _____ mm
 Motor Power _____ kW
 Service factor (choose from list) _____ S.F.

Power Rating of Coupling
(kW/1000rpm)

$$\frac{\text{kW} \times 1000 \times \text{S.F.}}{\text{rpm}}$$

EG 1.5 S.F. for Centrifugal Slurry Pump

Current

Manufacturer _____
 Code _____

Drive Section Bore and key Taperlock Bush

Service Factor

Driven equipment	SF	Driven equipment	SF	Driven equipment	SF
BLOWERS , FANS		MACHINE TOOLS		Continuous casting plants	2.5
Centrifugal	1	Main Drives	2	Cooling beds	1.5
Lobe / Vane / Turboblenders	1.25	Auxiliary and transverse drives	1.5	Cropping shears	2
Forced draught fans	1.5	METAL WORKING		Cross transfers	1.5
Induc.draught with damper	1.5	Presses / Hammers.	2	Descaling machines	2
Induc.draught without control	2	Straighteners.	2	Heavy and medium duty mills	3
Cooling towers	2	Bending machines / Shears.	1.5	Ingot and blooming mills	2.5
CHEMICAL INDUSTRY		Punching machines	2	Ingot handling machinery	2.5
Agitators (thin liquid)	1	MARINE APPLICATIONS	2.5	Ingot pushers	2.5
Agitators (viscous liquid)	1.5	MINING AND STONES		Manipulators	2
Centrifuges (light)	1.25	Crushers	2.5	Plate shears	2
Centrifuges (heavy)	1.75	Mills	2.5	Roller adjustment drives	1.5
Mixers	1.75	Mine ventilators	2	Roller straighteners	1.5
COMPRESSORS		Vibrators	1.5	Roller tables (heavy)	2.5
Centrifugal	1	OIL INDUSTRY		Roller tables (light)	1.5
Lobe/Rotary	1.25	Pipeline pumps	1.5	Sheet mills	2.5
Turbocompressors	1.75	Rotary drilling equipment	2	Trimming shears	1.5
Reciprocating :		PAPER INDUSTRY		Tube and welding machines	2
1 to 3 cylinders	3	Calenders	2	Winding machines	1.5
4 or more cylinders	1.75	Couches	2	Wire drawing benches	1.5
CONVEYOR, HOISTS, ELEVATORS		Drying cylinders	2.25	RUBBER INDUSTRY	
Conveyors :		Pulpers	2	Extruder	1.75
Screw / Apron / Belt / Chain	1.25	Pulp grinders	2	Calender	2
Bucket / Rotary / Lifts	1.5	Suction rolls	2	Mixing mill / Refiner / Crusher	2.5
Reciprocating	3	Wet presses	2	STEEL PLANTS	
Hoists:		Reels	2	Blast furnace blowers	1.5
Medium duty	2.5	Agitators	2	Converters	2.5
Heavy duty	3	PLASTIC INDUSTRY		Inclined blast furnace elev.	2
Elevators :		Calenders, Crushers , Mixers.	1.75	Crushers	2
Centrifugal and gravity disch.	1.25	PUMPS		TEXTILE MACHINES	
DREDGERS	2	Centrifugal,General Feed or Boiler Feed	1	Printing and drying machines	1.5
FOOD INDUSTRY		Centrifugal , Slurry	1.5	Tanning vats	1.5
Packaging machines and fillers.	1.25	Centrifugal , Dredge	2	Calenders	1.5
Kneading machines.	1.5	Rotary / Gear / Lobe or Vane	1.5	Looms	1.5
Cane crushers	1.5	Reciprocating :		WATER AND WASTE INDUSTRY	
Cane cutters	1.5	1 cylinder	3	Aerators , Screw pumps , Screens.	1.5
Cane mills	2	2 cylinder , single acting	2	WOOD WORKING MACHINERY	
Sugar beet cutters	1.5	2 cylinders , double acting	1.75	Trimmers, Barkers , Saws, Planes	2
Sugar beet washing machines	1.5	3 cylinders or more	1.5		
GENERATORS		ROLLING MILLS			
Even load	1	Billet shears	2.5		
Frequency converters	1.5	Chain transfers	1.5		
Welding generators	2	Cold rolling mills	2		