

GEARMOTORS SELECTION FORM



BREVINI™

Motion Systems

Customer info	Customer	
	Address	
	City / Town	
	Country / State	
	Contact name	
	E-mail	
	Phone	
	Fax	
	Customer Type [OEM, End User...]	

Product	Type	Application to be replaced
		New application
	Description of the application	
	Market Sector	
	Machine Type	
	Qty / Year	
	Target Price	

Date	
Region	
Salesman	
Signature	

GEARMOTORS SELECTION FORM

Field of Industry.....
 Application.....
 Required Average Speed..... rpm

Required Power on Driven Machine:
 -Normal..... kW
 -Maximum..... kW
 -Minimum..... kW

Driving Machine:
 AC Motor
 AC Motor + Inverter
 DC Motor
 Hydraulic Motor
 Piston Engine with 1-3 cylinder
 Piston Engine with 4-24 cylinder

Motor Connection Type (Electric Motors):
 IEC B5 Flange
 NEMA Flange
 B3 Foot Mounted

IEC or NEMA Flange Code.....

Motor Power:
 -Nominal.....kW

Motor Speed:
 -Normal.....rpm
 -Maximum.....rpm
 -Minimum.....rpm

Motor Torque:
 -Normal.....Nm
 -Maximum.....Nm
 -Minimum.....Nm

Direction of Rotation:
 cw ccw variable

Working hours per day:
 <4 4-8 8-16 >16

Startings per cycle:
 0-50 50-100 100-200
 200-300 300-500 500-700
 700-1000 >1000

Transmission ratio between motor and gear unit.....

Required Starting Torque.....Nm

Peak torques per hour:
 1-5 6-30 31-100 >100

Effective working time in a cycle (ED):
 100% 80% 60% 40%
 20%

Altitude:
 <1000 <2000 <3000
 <4000 <5000

Mounting Place: Small closed room
 (w<1m/sn) Closed room (w<3m/sn)
 Big rooms and halls (w>=3m/sn)
 Outdoor

Ambient Conditions:
 Normal Dusty Humid
 Corrosive Dry

Ambient Temperature:
 Average..... °C
 Maximum..... °C
 Minimum..... °C

Backstop Required:
 Yes No

Gearbox input options:
 R.. V.. N.. T..

Gearbox output options:
 00 01 02 03 0S

Mounting Position:
 M1 M2 M3 M4 M5 M6

Input Shaft Connection Type:
 Elastic Coupling
 Barrel Type Coupling
 Hydraulic Coupling
 Rigid Flange Coupling
 Pulley
 Chain Sprocket
 Pinion
 Diameter of Connection element.....mm
 Radial Load.....N
 "u" Distance of Radial Load.....
 mm
 Axial Load (Towards Shaft +)N

Output Shaft Connection Type:
 Elastic Coupling
 Barrel Type Coupling
 Rigid Flange Coupling
 Pulley
 Chain Sprocket
 Pinion
 Hollow Shaft with Torque Arm
 Shrinck disc with Torque Arm
 Diameter of Connection Element.....mm
 Radial Load.....N
 "u" Distance of Radial Load.....
 mm
 Axial Load (Towards Shaft)N

Gearbox assembled by:
 Housing Flange Torque Arm

Output Shaft Specification:
 Solid Shaft with Keyway
 Solid Shaft without Keyway
 Hollow Shaft with Shrinck Disc
 Hollow Shaft
 Special Shaft

Input Shaft Specification:
 Solid Shaft with Keyway
 Solid Shaft without Keyway
 Special Shaft

Torque arm required Yes No

Electrical Supply:
 AC-1 Phase AC-3 Phase DC
 Voltage.....Volt
 Frequency..... Hz

Protection Class:
 IP55 IP65 Exproof
 Other IP.....

Attachments:
 Load Diagram
 Project
 Required Dimensions
 Technical Specifications

Notes: