GEARMOTORS SELECTION FORM

DANA BREVINI™ Motion Systems

OIL SOLUTIONS
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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	

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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 ○
Schrinc 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 Shrinc 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: