



























**A. CUSTOMER DETAILS**

<b>Company:</b> _____ <b>Address:</b> _____ <b>Contact name:</b> _____ <b>Contact e-mail:</b> _____ <b>Contact no.:</b> _____	<b>Interested in:</b> <input type="checkbox"/> <b>New gear unit as per Esenpro design</b> <input type="checkbox"/> <b>New gear unit for replacement of existing</b> <input type="checkbox"/> <b>Other,</b> _____
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**B. BASIC DATA**

<p><b>B1. Gear type</b></p> <p><input type="checkbox"/> Helical gear </p> <p><input type="checkbox"/> Planetary gear </p> <p><input type="checkbox"/> Other _____</p>	<p><b>B2. Assembly arrangement</b></p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: center; width: 50%;">Horizontal (view from top)</td> <td style="text-align: center; width: 50%;">Vertical (view from front)</td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  </td> </tr> <tr> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  </td> <td style="text-align: center;"> <input type="checkbox"/>  <input type="checkbox"/>  </td> </tr> <tr> <td colspan="2" style="text-align: center;"> <input type="checkbox"/> Other (sketch)         </td> </tr> <tr> <td colspan="2" style="text-align: center; height: 60px;"> <div style="border: 1px solid black; width: 100%; height: 100%;"></div> </td> </tr> </table>	Horizontal (view from top)	Vertical (view from front)	<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/> Other (sketch)		<div style="border: 1px solid black; width: 100%; height: 100%;"></div>	
Horizontal (view from top)	Vertical (view from front)										
<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/>  <input type="checkbox"/> 										
<input type="checkbox"/>  <input type="checkbox"/> 	<input type="checkbox"/>  <input type="checkbox"/> 										
<input type="checkbox"/> Other (sketch)											
<div style="border: 1px solid black; width: 100%; height: 100%;"></div>											
<p><b>B3. Output shaft construction</b></p> <p><input type="checkbox"/> Solid shaft + keyway</p> <p><input type="checkbox"/> External spline/gear</p> <p><input type="checkbox"/> Other _____</p>											
<p><b>B4. Gear unit mounting</b></p> <p> <input type="checkbox"/> Horizontal foot mounted             <input type="checkbox"/> Shaft mounted             <input type="checkbox"/> Other _____       </p>											
<p><b>B5. Crane classification</b></p> <p>Type of loading          <input type="checkbox"/> L1 (Light)          <input type="checkbox"/> L2 (Medium)          <input type="checkbox"/> L3 (Heavy)          <input type="checkbox"/> L4 (Very Heavy)</p> <p>Service life (hours) _____      Mechanism class _____</p>											
<p><b>B6. Environmental condition</b></p> <p> <input type="checkbox"/> Indoor            <input type="checkbox"/> Outdoor            <input type="checkbox"/> Seaside            <input type="checkbox"/> Tropical            <input type="checkbox"/> Other       </p> <p>Altitude from sea level: _____ m      Special consideration:</p> <p>Ambient temperature (max.): _____ °C</p> <p>Ambient temperature (min.): _____ °C</p> <p>Surrounding air velocity: _____ m/s</p> <div style="border: 1px solid black; width: 100%; height: 50px; margin-top: 5px;"></div>											

**C. GEAR UNIT SELECTION DATA**

<b>C1. Prime mover</b>			
<input type="checkbox"/> Electric motor	Motor IEC size: _____	Voltage: _____	V
	Motor power: _____ kW	Frequency: _____	Hz
<input type="checkbox"/> Other _____			
<b>C2. Technical parameters</b>			
Installed / Motor power (Pm): _____	kW	Operating hours: _____	hr/day
Mechanical power (Pa): _____	kW	Duty cycle: _____	%/hr
Starting torque on motor: _____	Nm	Starts per hour: _____	/hr
Gear unit input speed (n1): _____	rpm	Service factor on Pm _____	
Gear unit output speed (n2): _____	rpm	Service factor on Pa _____	
Nominal ratio (i=n1/n2): _____		<i>(Note: Specify speed range for n1, if any)</i>	
<b>C3. External loads on shafts</b>			
		Magnitude, direction & location	
Input shaft	Radial	_____	(If any)
	Axial	_____	(If any)
Output shaft	Radial	_____	(If any)
	Axial	_____	(If any)

**D. ACCESSORIES & SPECIAL FEATURES**

<b>D1. Standard accessories</b>	<b>D2. Provision, if requested</b>	<b>D3. Special, if requested</b>
Breather/Oil filler plug	<input type="checkbox"/> For temperature sensor	<input type="checkbox"/> Motor adaptor flange
Oil drain plug	<input type="checkbox"/> For vibration sensor	<input type="checkbox"/> Temperature sensor/RTD
Oil level indicator	<input type="checkbox"/> Oil dipstick	<input type="checkbox"/> Other _____
Lifting provision	<input type="checkbox"/> Other _____	

**E. ADDITIONAL INFORMATION**