

ATEX REDUCER CHECK-LIST

QL0243 / Rev.1

DEAR CUSTOMER, TO ENABLE US TO IDENTIFY THE CORRECT PRODUCT FOR YOUR REQUIREMENTS PLEASE COMPLETE THE BELOW FORM.

Compiler name: Issued on:

CUSTOMER INFO

Company name: Address:

Industrial Sector: Contact person and department:



APPLICATION DATA

Motor Type	<input type="checkbox"/> AC-1ph	<input type="checkbox"/> AC-3ph	<input type="checkbox"/> DC	<input type="checkbox"/> Braked	<input type="checkbox"/> Brushless
Motor Information	kW: HP:				
	Poles: Frequency: Supply voltage:				
Protection degree	<input type="checkbox"/> IP55	<input type="checkbox"/> IP56	<input type="checkbox"/> IP65	<input type="checkbox"/> IP66	<input type="checkbox"/> Other:
Gearbox speed (rpm)	<input type="checkbox"/> n1	<input type="checkbox"/> n2	Input speed (n1): Output speed (n2):		
Speed range (rpm)	Max: Min: <input type="checkbox"/> Inverter (There is another check list to complete)				
Required torque (max/average)	Nm: lbft:				
Description of the application				
Stop-Starts/Hr (Qty) - Duty	Qty: <input type="checkbox"/> S1 Other:				
Hours-Run/Day	<input type="checkbox"/> 2 hrs	<input type="checkbox"/> 8 hrs	<input type="checkbox"/> 12 hrs	<input type="checkbox"/> 24 hrs	
Casing version	<input type="checkbox"/> Foot	<input type="checkbox"/> Flange	<input type="checkbox"/> Universal		
Gearbox mounting	<input type="checkbox"/> Foot	<input type="checkbox"/> Shaft-mounted			
Mounting position (see catalogue)				
Loading (Please refer to the "Service Factor" paragraph on the catalogue)	<input type="checkbox"/> Uniform	<input type="checkbox"/> Moderate Shock	<input type="checkbox"/> Heavy Shock		
Fr/Fa radial/axial load	On input shaft: On output shaft:				
Connection (direct, coupling, belt drive, chain...)	On input shaft: On output shaft:				
Minimum Service Factor required				
Certifications/ Regulations required				

ENVIRONMENT CONDITIONS

Tmax / Tmin (°C) Altitude (if > 500 m):

Presence of external heat sources (from sun, environment and/or machines)

Installation environment Outside Inside
 Type of atmosphere Dust Corrosive Atex

The following information is useful and necessary to identify the correct product according to the European ATEX Directive 94/9/CE. Please, fill the blank spaces of this document.

Important note: Motovario cannot supply products for Atex 1D/1G or Zone 0.

Type of zone	GAS	<input type="checkbox"/> Zone 1	<input type="checkbox"/> Zone 2
	DUST	<input type="checkbox"/> Zone 21	<input type="checkbox"/> Zone 22

Permitted surface temperature

GAS	Temperature class	<input type="checkbox"/> T1 (450°C- 842F)	<input type="checkbox"/> T3 (200°C- 392F)	<input type="checkbox"/> T5 (100°C- 212F)
		<input type="checkbox"/> T2 (300°C- 572F)	<input type="checkbox"/> T4 (135°C- 275F)	<input type="checkbox"/> T6 (85°C- 185F)

DUST Max temperature

Motovario, if above information is provided, can confirm harmonization to EN1127-1 and from EN13463-1 to EN13483-8 for: H/HA Series - Helical gear reducers, B/BA Series - Helical bevel gear reducers, S Series - Shaft mounted gear reducers, NMRV/NMRV-P Series - Worm gear reducers.

In case of order, the information above must be provided to enable the supply of the product necessary certification, file number and data for the nameplate.