



SPECIFICATIONS PAPER FOR ANTIDEFLAGRATING EEX GEARBOXES ATEX 2014/34/UE.

TAB.1 Gearbox

TYPE	SIZE	RATIO
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TAB. 2-a - Electric Motor

POWER (kW) :	POLE NR.	FREQUENCY (Hz)
-----	<input type="checkbox"/> 2 <input type="checkbox"/> 4 <input type="checkbox"/> 6 <input type="checkbox"/> 8	<input type="checkbox"/> 50 Hz <input type="checkbox"/> 60 Hz.

TAB. 2-b Input shaft ECE

POWER (kW) :	INPUT SPEED (rpm)
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TAB.3 - Environment classification

GROUP	2 (II)	
CATEGORY	2	3
TYPE OF ENVIROMENT AMBIENT	EN60079-10 – (GAS)	
	<input type="checkbox"/> Z1	<input type="checkbox"/> Z2
	EN50281-3 – (DUST)	
	<input type="checkbox"/> Z21	<input type="checkbox"/> Z22

TAB. 4 - Highest surface temperature admitted by gearbox

HIGHEST SURFACE TEMPERATURE OF THE GEARBOX (°C)		(*) Class of temperature	Highest surface temperature (°C)
GAS	CLASS OF TEMPERATURE (*) <input type="checkbox"/> T1 <input type="checkbox"/> T2 <input type="checkbox"/> T3 <input type="checkbox"/> T4 <input type="checkbox"/> T5	T1	450
	HIGHEST SURFACE TEMPERATURE _____	T2	300
DUST	HIGHEST SURFACE TEMPERATURE _____	T3	200
		T4	135
		T5	100



**In case of T5 class of temperature (group IIG) or of highest surface temperature at 120 °C (IID, IIG groups), the maximum power applicable to the reducer should be checked, referring to NORM_0198 internal provision.
In all other cases we referring to the thermal power on the catalogue, with service factor 1 e relating considerations.**

Date: ____/____/____

Signature: _____



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