



**SPECIFICATIONS PAPER FOR ANTIDEFLAGRATING EEX GEARBOXES **ATEX 94/9/CE****

TAB.1 Gearbox

TYPE	SIZE	RATIO
_____	_____	_____

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)
_____	_____

TAB.3 - Environment classification

GROUP	<b>2 (II)</b>	
	2	3
<b>CATEGORY EN50014</b>	<input type="checkbox"/> G= GAS <input type="checkbox"/> D= DUSTY	<input type="checkbox"/> G= GAS <input type="checkbox"/> D= DUSTY
<b>EN60079-10 GAS</b>	<input type="checkbox"/> Z1= GAS	<input type="checkbox"/> Z2= GAS
<b>EN50281-1 DUSTY</b>	<input type="checkbox"/> Z21= DUSTY	<input type="checkbox"/> Z22= DUSTY

TAB. 4 - Highest surface temperature admitted by gearbox

HIGHEST SURFACE TEMPERATURE OF THE GEARBOX (°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
	HIGHEST SURFACE TEMPERATURE _____
POLVERE	HIGHEST SURFACE TEMPERATURE _____

(*) Class of temperature	Highest surface temperature (°C)
T1	450
T2	300
T3	200
T4	135
T5	100

	<b>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.</b>
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Data: \_\_\_\_ / \_\_\_\_ / \_\_\_\_\_

Signature: \_\_\_\_\_



**S.T.M. S.p.A.**  
 Via del Maccabreccia, 39 - I 40012 LIPPO DI CALDERARA DI RENO (BO)  
 Cap. Soc. € 1.033.000 i.v. - M BO 002437  
 R.E.A. n° 229590/Bo - Reg. imprese n° 22451/Bo - P.I. IT 00525721205 - C.F. 00875730376  
 T: +39/051/64.67.711 - F: +39/051/64.26.178  
 URL: [www.stmspa.com](http://www.stmspa.com) - E-mail: [stm@stmspa.com](mailto:stm@stmspa.com) / [service@stmspa.com](mailto:service@stmspa.com)

