

A) GENERAL DATA								
# 1	Company / Customer							
# 2	Contact							
# 3	Branch / Distributor							
# 4	Order quantity							
# 5	Delivery time							
B) ELECTRIC MOTOR								
# 6	Motor Type							
# 7	P_{n1} Rated motor power	[kW]						
# 8	P_{r1} Motor power demand	[kW]						
# 9	n_1 Input speed	[min ⁻¹]						
# 10	Pole number							
# 11	Motor mounting: B3 - B5 - B14							
C ₁) GEARBOX		C ₂) ATEX CONDITION [Group II] - 2014/34/EU						
# 12	Gearbox configuration							
# 13	i Gear ratio	Category: [2=standard / 3=special]						
# 14	n_2 Output speed	[min ⁻¹]	Atmosphere: [G=gas / D=dust]					
# 15	M_2 Output torque demand	[Nm]	Zone: [1 - 21 / 2 - 22]					
# 17	f_s Service factor required	Temperatur class: [T4 / 135 °C]						
# 18	Rotation of the output shaft	CW	CCW					
# 19	L_{10H} Bearings lifetime	[h]						
# 20	Gears lifetime	[h]						
# 21	SF_{min} Safety for tooth root stress	standard reference (ISO preferred)						
# 22	SH_{min} Safety for flank pressure	standard reference (ISO preferred)						
D) ADDITIONAL LOADS				Angle Position				
# 23	R_{c2} Radial load on output shaft	[N]						
# 24	x_2 Load application distance from shaft shoulder	[mm]						
# 25	α_{RC2} Angle of application of the output Radial load	[°]						
# 26	R_{c1} Radial load on input shaft	[N]						
# 27	x_1 Load application distance from shaft shoulder	[mm]						
# 28	α_{RC1} Angle of application of the input Radial load	[°]						
# 29	A_{n2} Thrust load on output shaft (+ / -)	[N]						
# 30	A_{n1} Thrust load on input shaft (+ / -)	[N]						
# 31	Type of application							
E) APPLICATION								
# 32	Duty cycle	Time phase %	Time phase hours	Gearbox output torque [Nm]	Gearbox output speed [min ⁻¹]			
# 33	Notes about Duty Cycle:							
	Duty type	S1	S2	S3	S4-S8			
# 34	v_A Ambient air velocity	[m/s]	≤ 0.5	> 0.5 ≤ 1.4	> 1.4			
# 35	T_{AMB} Ambient temperature range	[°C]						
# 36	Altitude a.s.l.	[m]						
# 37	Rating according FEM class	T-	L-	M-				
F) OPTIONS OR ADDITIONAL REQUESTS								
# 38	Lubrication							
# 39	Supplementary cooling systems							
# 40	Paint coating							
# 41	To specific requests for testing							
G) NOTES								
# 42	Notes and additional Customer requirements:							
# 43	PLP number if present for Special Gearbox							
H) UTILITY								
#	Mandatory for the selection	Hours used for Selection		[h]			