

Comelmar Motors Srl

REFERENCE		
PROJECT NUMBER	H07553	
ORDER NUMBER	2018-35102	
DATE	08.03.2018	
CUSTOMER		
CUSTOMER NUMBER		

DATA		
ARTICLE	145967	
ROTOR DESIGN	Squirrel Cage Motor	
TYPE	AVRT 560-10	
STANDARD	IEC / EN60034-1	
SERVICE		S1
PHASES	3	
RATED POWER	kW	1600
RATED VOLTAGE	V	10500 / 6000
VOLTAGE TOLERANCE	%	+ / - 5
FREQUENCY	Hz	50
FREQUENCY TOLERANCE	%	+ / - 2
CONNECTION	Y / D	
POLES	10	
SPEED	rpm	591
ROTATION	View to shaft-end	Both
RATED CURRENT	A	112,7 / 197
POWER FACTOR		0,82
EFFICIENCY	%	95,2
RATED TORQUE	Nm	25854
START UP	DOL	
STARTING CURRENT	%	600
STARTING TORQUE	%	80
MAXIMUM TORQUE	%	240
MOUNTING	IM B3	
PROTECTION	IP W24	
COOLING TYPE	IC 01	
BALANCING	Half-Key	
AMBIENT TEMPERATURE	40°C	
INSULATION CLASS	F (155°C)	
TEMPERATURE RISE	B (130°C)	
WEIGHT	kg	9700
MOMENT OF INERTIA	kgm ²	293

BEARINGS AND LUBRICATION		
BEARINGS TYPE		Antifriction
COOLING		Self cooled
TYPE	DRIVE END (DE)	23042CC/W33
	NON DRIVE END (NDE)	NU1034M/C3
LUBRICANT		Grease
PAINTING SYSTEM		
SPECIFICATION		Standard
COLOUR		RAL 1016
VIBRATION		
VIBRATION	mm/s	< 2,3
STARTING		
DRIVEN MACHINE		Shredder
STARTS	FROM COLD	3
	FROM WARM	2
	PER YEAR	1000
AMBIANCE		
TEMPERATURE	°C	- 20 ... + 40
HEIGHT ABOVE SEA LEVEL	m	< 1000
HUMIDITY	%	< 95
INSTALLATION		Outdoor
ACCESSORIES		
6 x PT100 Winding		
2 x PT100 Bearings		
2 x SPM Nipples		
Space Heater, 220 - 240 V, 50 Hz, 1 ~		
Main Terminal Box (LHS), oversized		
Auxiliary Terminal Box PT100 (LHS)		
Auxiliary Terminal Box Heater (LHS)		
Reinforced bearing on DE		