

TECHNICAL DATA

Customer		Our Reference	
MOTOR TYPE			4KTS 160M-4
RATED POWER		kW	3,7
DUTY			S1
RATED VOLTAGE		V	D/Y 230/400
RATED FREQUENCY		Hz	50
RATED CURRENT		A	12,5/7,2
RATED SPEED		R.P.M.	1470
SHAPE		IM	B3
ENCLOSURE			
PROTECTION DEGREE		IP	68
COOLING METHOD		IC	411
MOMENT OF INERTIA [J=WD ² /4]		Kgm ²	0,05417
AMBIENT TEMPERATURE		°C	40
INSULATION CLASS			F
TEMPERATURE RISE		K	55,2
APPLICABLE STANDARDS		IEC	IEC 34.1-2

			LOAD
			4/4
EFFICIENCY [η]		%	86,5
POWER FACTOR [$\cos\phi$]			0,849
TORQUE	FULL LOAD	Nm	24,02
	LOCKED ROTOR	p.u.	2,97
	PULL-OUT	p.u.	2,98
LOCKED ROTOR CURRENT		p.u.	7,16
STARTING METHOD			DOL
THERMAL PROTECTIONS	WINDINGS		3-PTC
	BEARINGS		
SPACE HEATERS		V / Hz / W	

MECHANICAL DATA

BEARING TYPE	D-end		6309 2Z C3
	N-end		6309 2Z C3
LUBRIFICAZIONE - LUBRICATION	TYPE		
	INTERVAL	hr	
DIRECTION of ROTATION			Bidirectional
NO LOAD NOISE (± 3 dB(A) tolerance) Lp		dB(A)	69,0
WEIGHT		Kg	159
VIBRATION LEVEL		IEC 34.14	A
PAINTING		RAL	Epoxy RAL 5010