

TECHNICAL DATA

Customer		Our Reference	371341
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MOTOR TYPE		4KTS 180 M-4
RATED POWER	kW	7,5
DUTY		S1
RATED VOLTAGE	V	Y 400
RATED FREQUENCY	Hz	50
RATED CURRENT	A	14,4
RATED SPEED	R.P.M.	1465
SHAPE	IM	B5
ENCLOSURE		II2G Ex de II BT4 Gb
PROTECTION DEGREE	IP	68
COOLING METHOD	IC	410
MOMENT OF INERTIA [J=WD ² /4]	Kgm ²	0,1129
AMBIENT TEMPERATURE	°C	-20 / +40
INSULATION CLASS		F
TEMPERATURE RISE	K	78,35
APPLICABLE STANDARDS	IEC	IEC 34.1-2

		LOAD	
		4/4	
EFFICIENCY [η]	%	84,1	
POWER FACTOR [$\cos\phi$]		0,876	
TORQUE	FULL LOAD	Nm	48,75
	LOCKED ROTOR	p.u.	3,08
	PULL-OUT	p.u.	2,15
LOCKED ROTOR CURRENT	p.u.	6,61	
STARTING METHOD		DOL	
THERMAL PROTECTIONS	WINDINGS		3-PTC (145°C)
	BEARINGS		\
SPACE HEATERS	V / Hz / W		\

MECHANICAL DATA

BEARING TYPE	D-end		6310 2Z C3
	N-end		6310 2Z C3
LUBRIFICAZIONE - LUBRICATION	TYPE		\
	INTERVAL	hr	\
DIRECTION of ROTATION			Bidirectional
NO LOAD NOISE (± 3 dB(A) tolerance) Lp		dB(A)	\
WEIGHT		Kg	215
VIBRATION LEVEL		IEC 34.14	A
PAINTING		RAL	Epoxy RAL 5010