

TECHNICAL DATA

Customer		Our Reference	
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MOTOR TYPE		4KTS 100LB-4
RATED POWER	kW	1,5
DUTY		S1
RATED VOLTAGE	V	D/Y 230/400
RATED FREQUENCY	Hz	50
RATED CURRENT	A	5,56/3,1
RATED SPEED	R.P.M.	1425
SHAPE	IM	B3
ENCLOSURE		II 2G EEx de II BT4
PROTECTION DEGREE	IP	68
COOLING METHOD	IC	411
MOMENT OF INERTIA [J=WD ² /4]	Kgm ²	0,00499
AMBIENT TEMPERATURE	°C	40
INSULATION CLASS		F
TEMPERATURE RISE	K	18,7
APPLICABLE STANDARDS	IEC	IEC 34.1 - 2

		LOAD	
		4/4	
EFFICIENCY [η]	%	82,6	
POWER FACTOR [$\cos\phi$]		0,83	
TORQUE	FULL LOAD	Nm	10,07
	LOCKED ROTOR	p.u.	2,48
	PULL-OUT	p.u.	2,45
LOCKED ROTOR CURRENT		p.u.	6,60
STARTING METHOD			DOL
THERMAL PROTECTIONS	WINDINGS		3-PTC
	BEARINGS		
SPACE HEATERS		V / Hz / W	

MECHANICAL DATA

BEARING TYPE	D-end		6206 2Z C3
	N-end		6206 2Z C3
LUBRIFICAZIONE - LUBRICATION	TYPE		
	INTERVAL	hr	
DIRECTION of ROTATION			Bidirectional
NO LOAD NOISE (± 3 dB(A) tolerance) Lp		dB(A)	/
WEIGHT		Kg	46
VIBRATION LEVEL		IEC 34.14	A
PAINTING		RAL	Epoxy RAL 5010