

TECHNICAL DATA

Customer	AMTECS	Our Reference	
-----------------	---------------	----------------------	--

MOTOR TYPE		4KTS 90L-4
RATED POWER	kW	0,75
DUTY		S1
RATED VOLTAGE	V	D/Y 230/400
RATED FREQUENCY	Hz	50
RATED CURRENT	A	2,95/1,7
RATED SPEED	R.P.M.	1430
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	0,0026
AMBIENT TEMPERATURE	°C	40
INSULATION CLASS		F
TEMPERATURE RISE	K	54,9
APPLICABLE STANDARDS	IEC	IEC 34.1 - 2

		LOAD	
		4/4	
EFFICIENCY [η]	%	87,2	
POWER FACTOR [$\cos\phi$]		0,78	
TORQUE	FULL LOAD	Nm	4,99
	LOCKED ROTOR	p.u.	2,81
	PULL-OUT	p.u.	3,20
LOCKED ROTOR CURRENT	p.u.	6,78	
STARTING METHOD		DOL	
THERMAL PROTECTIONS	WINDINGS		3-PTC
	BEARINGS		
SPACE HEATERS	V / Hz / W		

MECHANICAL DATA

BEARING TYPE	D-end		6305 2Z C3
	N-end		6305 2Z C3
LUBRIFICAZIONE - LUBRICATION	TYPE		
	INTERVAL	hr	
DIRECTION of ROTATION			Bidirectional
NO LOAD NOISE (± 3 dB(A) tolerance) Lp		dB(A)	59,2
WEIGHT		Kg	35
VIBRATION LEVEL		IEC 34.14	A
PAINTING		RAL	Epoxy RAL 5010