



MOTOR TYPE		D5C 180 M4
RATED OUTPUT	kW	18.5
EFFICIENCY CLASS		IE3
DUTY		S1
RATED VOLTAGE	V	400 Δ
RATED FREQUENCY	Hz	50
RATED CURRENT	A	33.1
RATED SPEED	rpm	1465
MOUNTING	IM	HORIZONTAL
EXECUTION		TEFC
ATEX EXECUTION		Ex db IIB T4 Gb
PROTECTION DEGREE	IP	55
COOLING METHOD	IC	411
MOMENT OF INERTIA	kgm ²	0.11
AMBIENT TEMPERATURE	°C	40
SITE ALTITUDE		1000
CLASSIFICATION		-
INSULATION CLASS		F
TEMPERATURE RISE		B
APPLICABLE STANDARDS		IEC 60034-1 - IEC 60079

			LOAD		
			4/4	3/4	2/4
EFFICIENCY		%	92.6%	93.0%	92.4%
POWER FACTOR			0.87		
TORQUE	FULL LOAD	Nm	121		
	LOCKED ROTOR (DOL)	p.u.	2.05		
	PULL-OUT (DOL)	p.u.	2.51		
LOCKED ROTOR CURRENT (DOL)		p.u.	6		
STARTING METHOD			DOL		
THERMAL PROTECTIONS	WINDINGS		3 PTC 155 °C		
	BEARINGS		-		
HEATING ELEMENTS		V / W	-		

MECHANICAL DATA

BEARING TYPE	D-end		6310-Z-C3
	N-end		6209-Z-C3
LUBRICATION			GREASE
DIRECTION of ROTATION			CW or CCW
NO LOAD NOISE		dB(A)	63
WEIGHT		kg	178
VIBRATION LEVEL			A
PAINTING			RAL 5010