

Our Reference:

Customer: Idea Makina

Inspired solutions			
MOTOR TYPE			D5C 280 S6
RATED OUTPUT		kW	45
EFFICIENCY CLASS			IE3
DUTY			S1
RATED VOLTAGE		V	400 Δ
RATED FREQUENCY		Hz	50
RATED CURRENT		A	82.5
RATED SPEED		rpm	985
MOUNTING		IM	HORIZONTAL
EXECUTION			TEFC
ATEX EXECUTION			Ex db IIB T4 Gb
PROTECTION DEGREE		IP	55
COOLING METHOD		IC	411
MOMENT OF INERTIA		kgm²	1.15
AMBIENT TEMPERATURE		°C	40
SITE ALTITUDE			1000
CLASSIFICATION			-
INSULATION CLASS			F
TEMPERATURE RISE			В
APPLICABLE STANDARDS			IEC 60034-1 - IEC 60079
			LOAD
			4/4 3/4 2/4
EFFICIENCY		%	93.7% 93.6% 93.5%
POWER FACTOR			0.84
TORQUE	FULL LOAD	Nm	436
	LOCKED ROTOR (DOL)	p.u.	2.3
	PULL-OUT (DOL)	p.u.	2.4
LOCKED ROTOR CURRENT (DOL)		p.u.	6.7
STARTING METHOD		p.u.	DOL
THERMAL PROTECTIONS	WINDINGS		3 PTC 155 °C
	BEARINGS		-
HEATING ELEMENTS			-
	MECHANICAL DATA		
BEARING TYPE	D-end		ROLLING
	 N-end		ROLLING
LUBRICATION			GREASE
DIRECTION of ROTATION			CW or CCW
NO LOAD NOISE		dB(A)	72
WEIGHT		kg	530
VIBRATION LEVEL			А
PAINTING			RAL 5010

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