

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA90SMX IE2 2P 1,5kW B5**
 Motor item number: **090W227210T**

Rated power:	1,5 kW			kW
Poles(Synch speed):	2p (3000) r.p.m			r.p.m
Full load speed:	2850 r.p.m			r.p.m
Voltage:	230	/	400	V
Frequency:	50 Hz			Hz
Connection:	Δ	/	Y	
Amps full load (FLA):	5,15	/	2,97	A
Amps no-load (NLA):				A

Enclosure:	IP55		Cable entries size:	1 x CM20	
Mounting:	IM B5 (IM 3001)		Winding protection:		
Insulation Class:	F		Max. Altitude:	1000	m.a.s.l.
Max. ambient temp.:	+40	°C	Heater:	no	
Min. ambient temp.:	-20	°C	Shaft extension:	24x50	mm
Max. temp. rise:	80	K	Weight:	kg	
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6205	ZZ CM	Box position:	Top DE	
Bearing NDE	6203	ZZ CM	Cable entry towards:	Right	
Grease:	Lithium or Polyurea Base		Cable type:	N/A	
Regreasing facilities:	NO		Balance grade:	Normal	

Efficiency class:	IE2			Sound pressure (1m):	66 dB(A)
Load data:	100%	75%	50%	Resistance R20:	3,79 PH
Efficiency:	81,3	82,3	82,6		
Power factor:	0,90	0,84	0,76		

Full load torque (FLT):	5,0	Nm	Pull out torque ratio:	3,1	MK/MN
Starting torque ratio:	2,8	MA/MN	Pull up torque:	2,4	MS/MN
Starting current ratio:	7,1	IA/IN	Rotor inertia WK2:	0,0014	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:	
Certificate number:	t _E time:	sek

Special remarks: