

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA100LR-D IE2 2P 3kW B5**
 Motor item number: **100W247210T**

Rated power:				3 kW					kW
Poles(Synch speed):				2p (3000)					r.p.m
Full load speed:				2890					r.p.m
Voltage:	50 HZ data	230	/	400					V
Frequency:				50					Hz
Connection:		Δ	/	Y					
Amps full load (FLA):		10,2	/	5,9					A
Amps no-load (NLA):									A
								60 HZ data	

Enclosure:	IP55								Cable entries size: 2 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: 28x60 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	6206 ZZ C3								Box position: Top DE
Bearing NDE	6205 ZZ C3								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): 60 dB(A)
Load data:	100%	75%	50%						Resistance R20: 1,48 PH
Efficiency:	84,6	82,7	75,2						
Power factor:	0,88	0,74	0,54						

Full load torque (FLT):	9,9	Nm						Pull out torque ratio: 3,1 MK/MN
Starting torque ratio:	3,1	MA/MN						Pull up torque: 2,4 MS/MN
Starting current ratio:	8,1	IA/IN						Rotor inertia WK2: 0,005 kgm²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: