

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA90LSX IE2 2P 2,2kW B3**  
 Motor item number: **090W227201T**

Rated power:	2,2 kW			60 HZ data	kW
Poles(Synch speed):	2p (3000) r.p.m			50 HZ data	r.p.m
Full load speed:	2890 r.p.m			60 HZ data	r.p.m
Voltage:	230	/	400 V	50 HZ data	V
Frequency:	50 Hz			60 HZ data	Hz
Connection:	$\Delta$	/	Y	50 HZ data	A
Amps full load (FLA):	8	/	4,6 A	60 HZ data	A
Amps no-load (NLA):	A			60 HZ data	A

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:	IM B3 (IM 1001)	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:	14,5 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:		Sound pressure (1m):	66 dB(A)
Load data:	100%    75%    50%	Resistance R20:	1,87 PH
Efficiency:	83,2    85,4    84,1		
Power factor:	0,82    0,72    0,58		

Full load torque (FLT):	7,3 Nm	Pull out torque ratio:	3,0 MK/MN
Starting torque ratio:	2,5 MA/MN	Pull up torque:	2,5 MS/MN
Starting current ratio:	7,3 IA/IN	Rotor inertia WK2:	0,0016 kgm <sup>2</sup>

Special remarks:

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate number:	t <sub>E</sub> time: sek

Special remarks: