

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA90SRX IE2 4P 1,1kW B3**  
 Motor item number: **090W227400T**

Rated power:	1,1 kW			60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m			50 HZ data	r.p.m
Full load speed:	1425 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):	4,4	/	2,5 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:	12,5	kg
Duty type:	S1		Painting:	Alkyd-Amin Resins Paint	
Cooling form:	IC411 (TEFC)		Color:	RAL 5021	
Bearing DE	6205	ZZ C3	Box position:	Top DE	
Bearing NDE	6203	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):	48 dB(A)
Load data:	100%	75%	50%	Resistance R20:	4,77 PH
Efficiency:	81,4	81,5	82		
Power factor:	0,77	0,78	0,58		

Full load torque (FLT):	7,4	Nm	Pull out torque ratio:	2,9	MK/MN
Starting torque ratio:	2,3	MA/MN	Pull up torque:	2,3	MS/MN
Starting current ratio:	5,2	IA/IN	Rotor inertia WK2:	0,0034	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: