

### Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of 

Motor type: **WU-DF90LWX-H IE2 4P 1,5kW B35**  
Motor item number: **090W227521T**

Rated power:	1,5 kW			kW
Poles(Synch speed):	4p (1500) r.p.m			r.p.m
Full load speed:	1440 r.p.m			r.p.m
Voltage:	230	/	400	V
Frequency:	50 Hz			Hz
Connection:	$\Delta$	/	Y	
Amps full load (FLA):	6,5	/	3,7	A
Amps no-load (NLA):				A

Enclosure:	IP55		Cable entries size:	1 x CM20	
Mounting:	IM B35 (IM 2001)		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:	Argus	
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):	48 dB(A)
Load data:	100%	75%	50%	Resistance R20:	2,52 PH
Efficiency:	82,8	83	81		
Power factor:	0,70	0,58	0,46		

Full load torque (FLT):	9,9	Nm	Pull out torque ratio:	3,1	MK/MN
Starting torque ratio:	2,6	MA/MN	Pull up torque:	2,4	MS/MN
Starting current ratio:	5,6	IA/IN	Rotor inertia WK2:	0,0042	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: