

### Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA180ME IE2 4P 18,5 kW**  
 Motor item number: **180W477400T**

50 HZ data	Rated power:	18,5 kW		60 HZ data		kW
	Poles(Synch speed):	4p (1500) r.p.m			r.p.m	
	Full load speed:	1470 r.p.m			r.p.m	
	Voltage:	400	/		690	V
	Frequency:	50 Hz			Hz	
	Connection:	$\Delta$			Y	
	Amps full load (FLA):	35	/		20,2	A
	Amps no-load (NLA):				A	

Enclosure:	IP55	Cable entries size:	2 x CM32
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:	48x110 mm
Max. temp. rise:	80 K	Weight:	118 kg
Duty type:	S1	Painting:	Alkyd-Amin Resins Paint
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6310 ZZ C3	Box position:	Top DE
Bearing NDE	6308 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):	62 dB(A)
Load data:	100%    75%    50%	Resistance R20:	0,41 PH
Efficiency:	91,2    91,8    90,7		
Power factor:	0,84    0,77    0,66		

Full load torque (FLT):	120,2 Nm	Pull out torque ratio:	3,2 MK/MN
Starting torque ratio:	2,8 MA/MN	Pull up torque:	2,2 MS/MN
Starting current ratio:	8,4 IA/IN	Rotor inertia WK2:	0,16 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: