

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

a company of



**Motor type:**  
**Motor item number:**

**WU-DF160MJ IE2 4P 11kW B3**  
**160W417500T**

Rated power:	11 kW	60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m		r.p.m
Full load speed:	1465 r.p.m		r.p.m
Voltage:	400 / 690 V		V
Frequency:	50 Hz		Hz
Connection:	Δ / Y		
Amps full load (FLA):	21 / 12,1 A		A
Amps no-load (NLA):	A		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:	42x110 mm
Max. temp. rise:	80 K	Weight:	121 kg
Duty type:	S1	Painting:	Argus
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6309 ZZ C3	Box position:	Top DE
Bearing NDE	6307 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):	63 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,9 PH
Efficiency:	89,8 91 90,4		
Power factor:	0,83 0,78 0,67		

Full load torque (FLT):	71,7 Nm	Pull out torque ratio:	2,9 MK/MN
Starting torque ratio:	2,5 MA/MN	Pull up torque:	2,0 MS/MN
Starting current ratio:	7,7 IA/IN	Rotor inertia WK2:	0,068 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: