

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA160MB IE2 2P 11 kW**
Motor item number:

50 HZ data	Rated power:	11 kW	60 HZ data	12,7 kW
	Poles(Synch speed):	2p (3000) r.p.m		2p (3600) r.p.m
	Full load speed:	2940 r.p.m		3530 r.p.m
	Voltage:	400 V		460 V
	Frequency:	50 Hz		60 Hz
	Connection:	Δ		
	Amps full load (FLA):	20 A		20 A
	Amps no-load (NLA):	A		

Enclosure:	IP55	Cable entries size:	2 x CM32
Mounting:		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:	84 kg
Duty type:	S1	Painting:	Alkyd-Amin Resins Paint
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):	68 dB(A)
Load data:	100% 75% 50%	Resistance R20:	0,85 PH
Efficiency:	89,4 89,7 88,5		
Power factor:	0,89 0,84 0,76		

Full load torque (FLT):	35,7 Nm	Pull out torque ratio:	3,0 MK/MN
Starting torque ratio:	2,2 MA/MN	Pull up torque:	1,8 MS/MN
Starting current ratio:	7,8 IA/IN	Rotor inertia WK2:	0,039 kgm²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate number:	t _E time: sek

Special remarks: