

Three-phase asynchronous motor

MOTOR FRAME: **Aluminium**

a company of



Motor type: **WU-DA160LR-D IE2 2P 18,5kW B5**
 Motor item number: **160W417212T**

50 HZ data	Rated power:	18,5 kW		60 HZ data		kW	
	Poles(Synch speed):	2p (3000) r.p.m				r.p.m	
	Full load speed:	2930 r.p.m				r.p.m	
	Voltage:	400	/ 690			V	
	Frequency:	50 Hz				Hz	
	Connection:	Δ	/ Y				
	Amps full load (FLA):	32,5	/ 18,8			A	
	Amps no-load (NLA):	A				A	

Enclosure:	IP55	Cable entries size:	2 x CM32
Mounting:	IM B5 (IM 3001)	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:	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:	0,46 PH
Efficiency:	90,9 90,6 89,8		
Power factor:	0,90 0,86 0,80		

Full load torque (FLT):	60,3 Nm	Pull out torque ratio:	3,2 MK/MN
Starting torque ratio:	2,4 MA/MN	Pull up torque:	1,9 MS/MN
Starting current ratio:	8,7 IA/IN	Rotor inertia WK2:	0,056 kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: