

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

a company of 

Motor type: WU-DF160LR-D IE2 2P 18,5kW B5
Motor item number: 160W417312T

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			V		
	Frequency:	50 Hz					Hz		
	Connection:	Δ	/	Y					
	Amps full load (FLA):	32,5	/	18,8 A			A		
	Amps no-load (NLA):	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:	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):	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: