

Three-phase asynchronous motor

MOTOR FRAME: **Cast Iron**

a company of



Motor type: **TWU-DF180LJ IE2 4P 22kW B3**
 Motor item number: **180W477501T**

Rated power:	22 kW			60 HZ data	kW
Poles(Synch speed):	4p (1500) r.p.m			50 HZ data	r.p.m
Full load speed:	1470 r.p.m			60 HZ data	r.p.m
Voltage:	400	/	690 V	50 HZ data	V
Frequency:	50 Hz			60 HZ data	Hz
Connection:	Δ	/	Y	50 HZ data	A
Amps full load (FLA):	41	/	23,7 A	60 HZ data	A
Amps no-load (NLA):	A			60 HZ data	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:	177,5	kg
Duty type:	S1		Painting:	Argus	
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:				Sound pressure (1m):	62 dB(A)
Load data:	100%	75%	50%	Resistance R20:	0,36 PH
Efficiency:	91,6	92,1	91,6		
Power factor:	0,86	0,83	0,71		

Full load torque (FLT):	142,9	Nm	Pull out torque ratio:	2,9	MK/MN
Starting torque ratio:	2,6	MA/MN	Pull up torque:	2,0	MS/MN
Starting current ratio:	7,6	IA/IN	Rotor inertia WK2:	0,19	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: