

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA90LSX-D IE3 2P 2,2KW B5 500V 50Hz

Motor item number: 090W001805T

Performance figures are subject to IEC tolerances.

50 HZ data	Rated power:	2,2	kW	60 HZ data			kW
	Poles(Synch speed):	2p (3000)	r.p.m				r.p.m
	Full load speed:	2885	r.p.m				r.p.m
	Voltage:	500	V				V
	Frequency:	50	Hz				Hz
	Connection:	Y					
	Amps full load (FLA):	3,7	A				A
	Amps no-load (NLA):	1,7	A				

Enclosure:	IP55	Cable entries size:	1 x CM20
Mounting:	IM B5 (IM 3001)	Winding protection:	N/A
Insulation Class:	F	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	+40 °C	Heater:	N/A
Min. ambient temp.:	-20 °C	Shaft extension:	24x50 mm
Max. temp. rise:	80 K	Weight:	21 kg
Duty type:	S1	Painting:	Standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6205 ZZ CM	Box position:	Top DE
Bearing NDE	6203 ZZ CM	Cable entry towards:	Right
Grease:	NSK EA6	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3	Sound pressure (1m):	66 dB(A)
Load data:	100%	Resistance PH R20:	2,98 Ω
Efficiency:	85,9		
Power factor:	0,81		

Full load torque (FLT):	7,3	Nm	Pull out torque ratio:	3,6	Mk/MN
Starting torque ratio:	3,8	MA/MN			
Starting current ratio:	8,6	IA/IN	Rotor inertia WK2:	0,0016	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: