

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Aluminium

Motor type: WP-DA90LWX IE3 4P 1,5KW
Motor item number:

Rated power:	1,5	kW				1,73	kW
Poles(Synch speed):	4p (1500)	r.p.m				4p (1800)	r.p.m
Full load speed:	1440	r.p.m				1740	r.p.m
Voltage:	230 / 400	V				265 / 460	V
Frequency:	50	Hz				60	Hz
Connection:	Δ / Y					Δ / Y	
Amps full load (FLA):	6,3 / 3,6	A				6,1 / 3,5	A
Amps no-load (NLA):		A					A

Enclosure:	IP55					Cable entries size:	1 x CM20
Mounting:						Winding protection:	NO
Insulation Class:	F					Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	+40	°C				Heater:	NO
Min. ambient temp.:		°C				Shaft extension:	24x50 mm
Max. temp. rise:	80	°C				Weight:	20,5 kg
Duty type:	S1					Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)					Color:	RAL 5021
Bearing DE	6205	ZZ C3				Box position:	Top DE
Bearing NDE	6203	ZZ CM				Cable entry towards:	Right
Grease:	Esso Unirex N3					Cable type:	N/A
Regreasing facilities:	NO					Balance grade:	Normal

Efficiency class:	IE3					Sound pressure (1m):	48 dB(A)
Load data:	100%	75%	50%			Resistance R20:	2,52 PH
Efficiency:	85,3	85,3	83,2				
Power factor:	0,70	0,58	0,46				

Full load torque (FLT):	10	Nm				Pull out torque ratio:	4,7	MK/MN
Starting torque ratio:	4,2	MA/MN				Pull up torque:	4,1	MS/MN
Starting current ratio:	7,4	IA/IN				Rotor inertia WK2:	0,0042	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

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

Special remarks: