

TECHNICAL DATA SHEET

Three-phase asynchronous motor

MOTOR FRAME: Cast Iron

Motor type:

WP-DF132SG IE3 2P 5,5 KW

Motor item number:

Rated power:	5,5			kW	60 HZ data	6,3	kW
Poles(Synch speed):	2p (3000)			r.p.m		2p (3600)	r.p.m
Full load speed:	2930			r.p.m		3535	r.p.m
Voltage:	400	/	690	V		460	V
Frequency:	50			Hz		60	Hz
Connection:	Δ	/	Y			Δ	
Amps full load (FLA):	10,6	/	6,1	A		10,2	A
Amps no-load (NLA):				A			A

Enclosure:	IP55	Cable entries size:	2xCM25
Mounting:	IM B3 (IM 1001)	Winding protection:	NO
Insulation Class:	F	Max. Altitude:	1000 m.a.s.l.
Max. ambient temp.:	40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	38x80 mm
Max. temp. rise:	80 °C	Weight:	78,1 kg
Duty type:	S1	Painting:	Manufacturer standard
Cooling form:	IC411 (TEFC)	Color:	RAL 5021
Bearing DE	6208 ZZ C3	Box position:	Top DE
Bearing NDE	6305 ZZ C3	Cable entry towards:	Right
Grease:	Esso Unirex N3	Cable type:	N/A
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3				
Load data:	100%	75%	50%	Sound pressure (1m):	66 dB(A)
Efficiency:	90,5	90,5	88,8	Resistance R20:	1,5 PH
Power factor:	0.83	0.76	0.63		

Full load torque (FLT):	18	Nm	Pull out torque ratio:	4,8	MK/MN
Starting torque ratio:	3,9	MA/MN	Pull up torque:	3,6	MS/MN
Starting current ratio:	10,0	IA/IN	Rotor inertia WK2:	0,015	kgm ²

Special remarks:

SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification: Certificate number:	Temp. Class: t_E time: sek
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