

### Three-phase asynchronous motor

**MOTOR FRAME: Cast Iron**

PRELIMINARY DATASHEET - We reserve the right to change some data.

**Motor type: WP-DF160MJX-P 11kW 2P B30 Fumex**

**Motor item number:**

Performance figures are subject to IEC tolerances.

50 HZ data	Rated power:	11	kW	60 HZ data			kW
	Poles(Synch speed):	2p (3000)	r.p.m				r.p.m
	Full load speed:	2945	r.p.m				r.p.m
	Voltage:	400 / 690	V				V
	Frequency:	50	Hz				Hz
	Connection:	Δ / Y					
Amps full load (FLA):	19,8 / 11,5	A				A	

Enclosure:	IP55	Cable entries size:	SUITABLE
Mounting:	IM B30 (IM 9201)	Winding protection:	NO
Insulation Class:	H	Max. Altitude a.s.l.:	1000 m
Max. ambient temp.:	40 °C	Heater:	NO
Min. ambient temp.:	-20 °C	Shaft extension:	42x110 mm
Max. temp. rise:	80 K	Weight:	~133 kg
Duty type:	S1/S2-200/250°C 2h	Painting:	Standard
Cooling form:	IC418 (AOM)	Color:	RAL 3002
Bearing DE	6309 ZZ C3	Box position:	Top NDE
Bearing NDE	6307 ZZ C3	Cable entry towards:	Top
Grease:	High temperature grease	Cable type:	silicone suitable to FUMEX
Regreasing facilities:	NO	Balance grade:	Normal

Efficiency class:	IE3 to IEC60034-30	Sound pressure (1m):	68 dB(A)
Load data:	100% 75% 50%	Resistance PH R20:	0,727 Ω
Efficiency:	91,2 91 89,7		
Power factor:	0,88 0,85 0,77		

Full load torque (FLT):	35,7 Nm	Pull out torque ratio:	2,9 MK/MN
Starting torque ratio:	2,5 MA/MN		
Starting current ratio:	8,3 IA/IN	Rotor inertia WK2:	0,045 kgm2

Special remarks: 2nd n/plate loose; min air velocity 19m/s ;

#### SPECIAL DATA FOR HAZARDOUS LOCATION MOTOR

Hazardous classification:	Temp. Class:
Certificate number:	t <sub>E</sub> time: sek

Special remarks: