

Type:	SFCE3-225M-4	Machinetype:	Three-phase motor
Protection:	IP55	Housing:	Cast Iron
Drawing according construction PDF:		Article number:	540463
Insulation class:	F	Construction:	IMB35 (IM2001)
Rated Power (kW):	45	Tested in accordance with:	DIN EN 60034
Rated Power 60Hz (kW):	45	Ambient temperature (°C):	40
Voltage - Frequency:	690/400 - 50 795/460 - 60	Duty cycle:	S1
Voltage - Frequency 60Hz (V - Hz):	795/460 - 60	Nominal current at 400V (A):	80.2
Power factor:	0.86	Nominal current at 460V (A):	70
Declaration of EC conformity:		Nominal speed (1/min):	1480
Temperature class:	B	Nominal Speed 60Hz (1/min):	1776
Bearing DE:	6313 ZZ C3	Efficiency class:	IE3
Bearing NDE:	6313 ZZ C3	Efficiency at 100% load (%):	94.2
		Efficiency at 75% load (%):	94.1
		Efficiency at 50% load (%):	93.4
		Starting current ratio:	7.9 times
		Starting torque ratio:	2.1 times
		Pull out torque ratio:	2.3 times
		Rotor inertia (kg·m²):	
		Weight IMB3 (kg):	410.0000
		Sound pressure level Lp(A) (dB(A)):	66

Comments