

## Motor specifications

Part number **3710021005**

Description **Motor DMC 0,55kW 230/400V 2P 71C IP55 Pos. 800**

### Electric Data

Rated power output	0,55kW
Maximum power output	0,7kW
Rated voltage	230/400V
Phases	3ph
Frequency	50/60Hz
Voltage range	207-253/360-440V
Motor poles	2P
ATEX class	
Duty class	S1
Insulation class	F (rise-B)
Moment of inertia	0,00069kgm <sup>2</sup>
Motor standard	IEC
Capacitor	
Motor efficiency	82/82%
Motor efficiency class	

### 50Hz

Tolerance rated voltage	±10%
Rated speed	2880rpm
Starting current factor (Ia/In)	5.3
Rated current (In)	2,1/1,2A
Maximum current (Imax)	2,6/1,5A
Rated Cos phi	0.8
Sound pressure	60dB(A)
Rated nominal torque	1,8Nm
Rated starting torque	5,6Nm

### 60Hz

Tolerance rated voltage	+20%, -10%
Rated speed	3460rpm
Starting current factor (Ia/In)	5.3
Rated current (In)	2,1/1,2A
Maximum current (Imax)	2,6/1,5A
Rated Cos phi	0.8
Sound pressure	60dB(A)
Rated nominal torque	1,5Nm
Rated starting torque	4Nm

### Motor protection

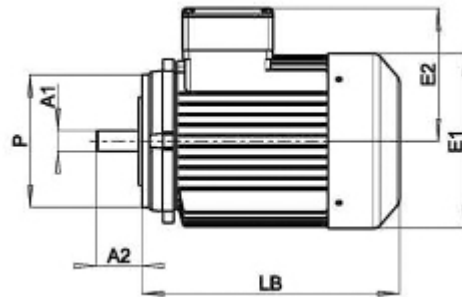
Motor protection class	IP55
Temperature sensor	
Rain cover	
Anti condensation heater	

### Mechanical data

Shaft execution	smooth shaft
Maximum starts per hour	50
Cable gland	1xM20x1,5
VFD allowance	VFD allowed

### Dimensions

Diameter shaft A1	14mm
Length shaft A2	30mm
Diameter motor E1	134mm
Terminal box height E2	107mm
Diameter flange P	105mm
L. motor (without shaft) LB	243mm
Frame size	71C
Motor construction type	IM V18
Motor face	IEC 60034-7 Form FT 85



### Bearings / lubrication

Grease nipple	
Bearing fixation pos	D-end
D-end bearing type	6203-2RS-C3
Bearing grease	temp. -30°C/130°C

### Details

Motor label	DMC
Weight	8,6kg
Lifting lugs	
Motor finish	RAL5002
Rated max. amb. temp.	40°C
Material housing	Aluminium