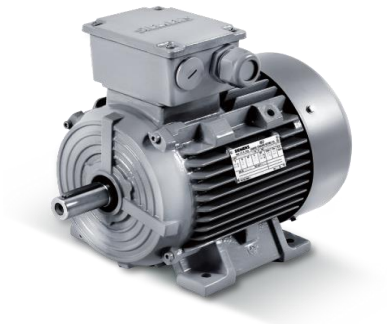
INNOMOTICS

Data sheet for INNOMOTICS GP 1LE0143 Low-Voltage Motor

MLFB-Ordering data: 1LE0143-1BA86-4AA4



Motor type:
Client order no.:
Order no.:
Offer no.:
Remarks:

U [V]	Δ / Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%] 4/4	3/4	2/4	Power factor at ... load 4/4	3/4	2/4	I_A/I_N I_I/I_N	M_A/M_N T_I/T_N	M_K/M_N T_B/T_N	IE-CL
220	DD	60	- / -	7.5	18.60	3515	14.9	89.5	90.4	- / -	0.88	- / -	- / -	10.0	3.5	4.5	IE3
380	YY	60	- / -	7.5	10.80	3515	14.9	89.5	90.4	- / -	0.88	- / -	- / -	10.0	3.5	4.5	IE3
440	D	60	- / -	7.5	9.30	3515	14.9	89.5	90.4	- / -	0.88	- / -	- / -	10.0	3.5	4.5	IE3
IM B3			FS 112M		47 kg	IP55		IEC/EN 60034			IEC, DIN, ISO, VDE, EN						

Mechanical data

Sound pressure level 50Hz/60Hz	- / -	55 dB(A)
Moment of inertia	0.0088 kgm²	
Bearing DE | NDE	6206 2Z C3 6206 2Z C3	
Bearing lifetime	- / -	
Lubricants	- / -	
Regreasing device	No	
Grease nipple	- / -	
Type of bearing	floating bearing DE and NDE	
Condensate drainage holes	Yes	
External earthing terminal	No	
Vibration class	A	
Insulation	155(F)	
Duty type	S1	
Direction of rotation	bidirectional	
Frame material	cast iron	
Data of anti condensation heating	-/-	
Coating	Yes	
Color	RAL7030	
Motor protection	- / -	
Method of cooling	IC411 - self ventilated, surface cooled	

Environmental conditions

Ambient temperature	-20 °C ~ +40 °C
Altitude above sea level	1000 m

Terminal box

Terminal box position	top
Material of terminal box	cast iron
Type of terminal box	- / -
Plug size	M32x1.5/M32x1.5
Cable diameter	18~25
Max. auxiliary terminals	- / -
Auxiliary cable entry	- / -
Main terminal thread	6xM4

Special design

Unrestricted

Technical data are subject to change! There may be discrepancies between calculated and rating plate values.

Unrestricted