

CONFIGURATION OVERVIEW

Product code 3GBP102820-ADK

M3BP 100LKB 4, 3 kW, 4 poles

GENERAL

End user country	United Kingdom	Altitude	1000 m.a.s.l.
MEPS	EU-MEPS	Ambient min / max	-20.000000 °C / 40 °C
MEPS scope	Inside	Ex atmosphere	No
Legal marking	CE	Motor design	BASIC
		Customs tariff number	85015220

MAIN CHARACTERISTICS

Motor type	M3BP 100LKB 4
Product code	3GBP102820-ADK
ID code	
Shaft height	100 mm
Power	3 kW
Rated voltage U_N	400 V \pm 5 % (IEC 60034-1)
Rated frequency f_N	50 Hz \pm 2 % (IEC 60034-1)
Number of poles	4

Frame material	Cast Iron
Insulation class	F
Temperature class	-
Mounting	IM1001 IMB3



Enclosure protection class	IP55
Cooling	IC411
Weight	49.000000 kg

By changing the product to **IE4 efficiency class motor** or **SynRM motor and drive package**, you gain annual benefits



Energy
Less power consumed
180 EUR/year
290 EUR/year



Environment
Reduction in green house gases
0.24 tons/year
0.4 tons/year

The benefits are indicative estimates that are based on many factors.

OPERATING POINTS

Power [kW]	Voltage [V]	Connection	Frequency [Hz]	Effic. Class	Efficiency [%]	Nominal Current [A]	Is/In	Duty	Speed [rpm]	T Rise
3.0	690.0	Y	50.0	IE3	87.7	3.4	9.0	S1	1452	B
3.0	400.0	D	50.0	IE3	87.7	5.9	9.0	S1	1452	B
3.0	660.0	Y	50.0	IE3	87.7	3.6	8.2	S1	1447	B
3.0	380.0	D	50.0	IE3	87.7	6.2	8.2	S1	1447	B
3.0	415.0	D	50.0	IE3	87.7	5.8	9.6	S1	1457	B
3.0	460.0	D	60.0	IE3	89.5	5.2	10.4	S1	1759	B

VARIANT CODES

No variant codes selected.

MECHANICAL

Direction of rotation	CW or CCW
Vibration	A
Paint colour	MUNSELL 8B 4.5/3.25
Paint system	C3 - Medium
Bearing, Drive end	Ball Bearing – 6206-2Z/C3
Bearing Non-drive end	Ball Bearing – 6205-2Z/C3
Lubrication style	Greased for life
Main terminal box position	D-End top
Main terminal box turnable	Not turnable
Main terminal cable entry	2xM32x1.5
Fan material	Glass-fiber reinforced polypropylene
Fan cover material	Steel
Sound pressure level	54 LpdBA

ACCESSORIES

No accessories selected.

MONITORING

Winding PTC, PTC 1 per phase 150 degr. C
 Vibration sensing, No SPM nipples