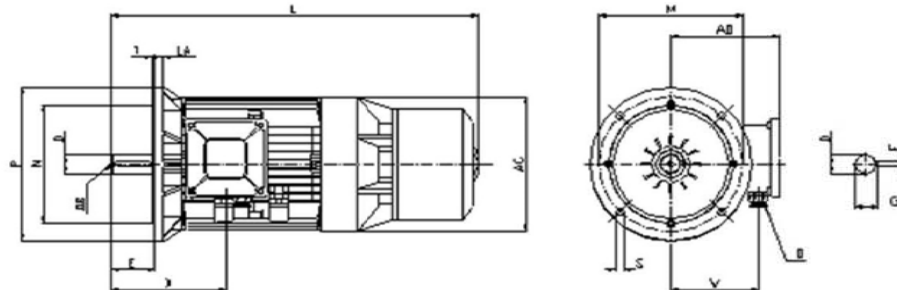


Brake motor type

FCA 100L-6 FE
Standard Efficiency

IM B5 / IM 3001
AC brake

IC411 - 4 poles



Type	D	E	L	S	M	N	P	T	AC	LA
FCA 100L FE	28j6	60	490	N.4x14	215	180j6	250	4	220	14

Type	AD	X	W	F	GA	O	DB
FCA 100L FE	155	160	123	8	31	M25x1.5	M10x1.5

Electrical Data		
Output	1,5	kW
Speed	920	rpm at 50 Hz
Voltage	230/400	V at 50 Hz
Rated current	4	A at 400 V (In)
Starting current	4,7	× In
Rated torque	15,57	Nm (Mn)
Starting torque	2,1	× Mn
Breakdown torque	2,3	× Mn
Efficiency	75	% at full load
Efficiency class	N/A	
Power factor	0,73	at full load

General Data	
Frame size	100
Install model	IM B5 / IM 3001
Net weight	24,6 kg
Housing material	Aluminum
Protection degree	IP 55
Insulation class	F
Tropical insulation	on request
Vibration class	B
Balancing	Half key balance
Duty	S1
Direction of rotation	Both
Cooling	IC 411
Auxiliary fan	N/A
Standard	IEC / DIN / ISO / VDE / EN
Electric Standards	IEC 60034-1
Color	RAL7030
Warranty	12 months

Mechanical Data		
Noise	57	dB (A)
Moment of inertia	0,01002	Kgm²
DE bearing	6206 2Z	
NDE bearing	6206 2Z	
Life of bearing	20000	h at Fr + Fx
Allowed radial load (Fr)	0	N (shaft center)
Allowed axial load (Fx)	800	N (push)

Environmental Condition		
Ambient temperature	-25 ÷ +40	°C
Maximum altitude	1000	m above sea level

Brake		
AC disk brake type	100MD/MS	
Brake static torque	30÷48	Nm
Power	180	W
Supply voltage	230/400-50	V/Hz 3ph