

Type MY2 90L-4

Cod. 4090L401,5BM5M00000T

Mounting
position

IM	B34
IM	2101

Drawings available upon request

Electrical data				General data			
Rated motor power	1.5		Kw	Frame size	90		
Rated motor speed	1430		min ⁻¹ 50Hz	Mounting	B34		
Rated motor frequency	50		Hz	Weight	-		Kg
Rated motor voltage(+/-10%)	230		V/50Hz	Casing material	Aluminum		
Capacitor	40µf/450V		µF/V	Protection	IP	55	
Rated motor torque	10.02		Nm (Mn)	Insulation class	H		
Rated motor current	7.96	V/50Hz	A (In)	Tropicalization	Yes		
Starting motor current	4.6		xIn	Vibration class	A		
Starting motor torque	0.3		xMn	Duty	S1		
Breakdown motor torque	1.8		xMn	Direction of rotation	CW		
Starting			D.O.L.	Method of cooling	IC	411	
Efficiency class	IE2			Cable entry	-		
Efficiency	50Hz	60Hz		Standards	IEC/DIN/ISO/VDE/EN		
	82.8	-	100% load	Execute at Standard	IEC 60034-1		
	81.1	-	75% load	Feet removable	Yes		
	74.6	-	50% load	Paintwork	7024	C2 standard	
Power factor cosφ	0.99	-	100% load	Thermal protections	n/a		
Mechanical data				Site conditions			
Noise level	LpA	70	dB(A)	Ambient temperature	from -20°C to +40°C		
	LwA	80	dB(A)	Altitude above sea level	1000 m		
Moment of inertia	0.00389		Kgm ²	Bearing DE side	6205-2RS-C3		
Bearings type			NSK	Bearing NDE side	6205-2RS-C3		
Lubricants for bearings	See installation and maintenance manual			Average bearing lifetime	40000	h	
				Relubrication interval L1 DE bearing	life	h	
				Relubrication interval L1 NDE bearing	life	h	
				Compensation ring	NDE SIDE	standard	

There may be differences between rating plate and calculated values.