

Type MS 712-6

Cod. E071060,25B3A5A00MST

Mounting position

IM	B3
IM	1001

Electrical data			
Rated motor power	0.25		Kw
Rated motor speed	900		min ⁻¹ 50Hz
	1080		min ⁻¹ 60Hz
Rated motor frequency	50		Hz
Rated motor voltage(+/-10%)	230		VΔ/50Hz
	400		VY/50Hz
	280		VΔ/60Hz
	480		VY/60Hz
Rated motor torque	2.36		Nm (Mn)
Rated motor current	1.52	VΔ/50Hz	A (In)
	0.88	VY/50Hz	A (In)
Starting motor current	4		xIn
Starting motor torque	2.1		xMn
Breakdown motor torque	2.2		xMn
Starting			D.O.L.
Efficiency class	IE1		
Efficiency	50Hz	60Hz	
	59	-	100% load
	-	-	75% load
	-	-	50% load
Power factor cosφ	0.7	0.7	100% load

General data			
Frame size	71		
Mounting	B3		
Weight	6		Kg
Casing material	Aluminum		
Protection	IP	55	
Insulation class/Temperature rise	F	/	B
Tropicalization	Yes		
Vibration class	N		
Duty	S1		
Direction of rotation	Bidirectional		
Method of cooling	IC	411	
Cable entry	1-M20x1,5		
Standards	IEC/DIN/ISO/VDE/EN		
Execute at Standard	IEC 60034-1		
Feet removable	Yes		
Paintwork	RAL	7024	dark grey
Thermal protections	PTC 150°C		Standard

Site conditions	
Ambient temperature	from -20°C to +40°C
Altitude above sea level	1000 m

Mechanical data					
Noise level	LpA	61	dB(A)	Bearing DE side	-
	LwA	70	dB(A)	Bearing NDE side	-
Moment of inertia	0.0013		Kgm ²	Average bearing lifetime	40000 h
Bearings type			NSK	Relubrication interval L1 DE bearing	life h
Lubricants for bearings	See installation and maintenance manual page 12			Relubrication interval L1 NDE bearing	life h
				Compensation ring	NDE SIDE