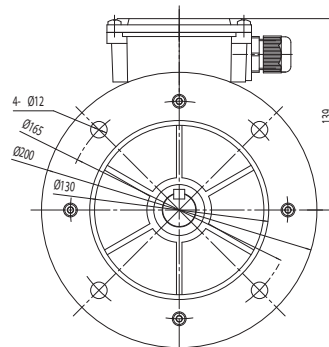
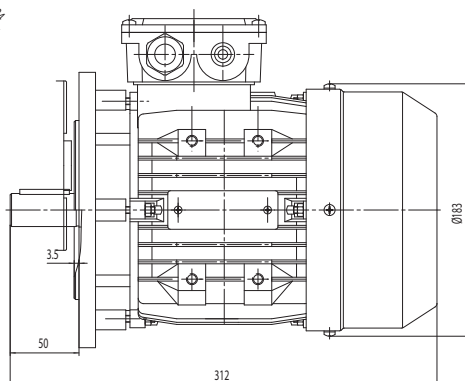
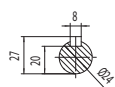


Type MS2 90S-2

Cod. I0900201,5B5A5A00MST

Mounting position

IM	B5
IM	3001



Electrical data			
Rated motor power	1.5		Kw
Rated motor speed	2850		min ⁻¹ 50Hz
	3420		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	5.09		Nm (Mn)
Rated motor current	5.58	VΔ/50Hz	A (In)
	3.23	VY/50Hz	A (In)
Starting motor current	6.9		xIn
Starting motor torque	3.5		xMn
Breakdown motor torque	0		xMn
Starting			D.O.L.
Efficiency class	IE2		
Efficiency	50Hz	60Hz	
	81.4	-	100% load
	-	-	75% load
	-	-	50% load
Power factor cosφ	0.83	0.83	100% load

General data			
Frame size	90		
Mounting	B5		
Weight	-		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	75	dB(A)	Bearing DE side	6205-2RS-C3
	LwA	85	dB(A)	Bearing NDE side	6205-2RS-C3
Moment of inertia	-		Kgm ²	Average bearing lifetime	40000 h
Bearings type			NSK	Relubrication interval L1 DE bearing	- h
Lubricants for bearings	See installation and maintenance manual page 12			Relubrication interval L1 NDE bearing	- h
				Compensation ring	NDE SIDE standard