

Data sheet for three-phase Squirrel-Cage-Motors ABB

Motor type:	FS: 365T - p - 40 hp -
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Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks

Electrical data	
Power	100 W
Current	10 A
Voltage	10 V
Frequency	50 Hz
Phase	0°
Power factor	1.0
Efficiency	95%
Temperature	40°C
Humidity	50%
Altitude	1000 m
Pressure	1013 hPa
Speed	10 m/s
Acceleration	10 m/s²
Displacement	10 mm
Force	10 N
Energy	10 J
Power	10 W
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[illegible]

Frame Type: 365T	Type of constr.:		Motor Prot.:	NEMA Des.:	S.F.: 1.15
Mtr. WT: lbs	Insulation Class.:Standard Class F Insulation	Temp. Rise Cl.: B	Amb. Temp.: + 40 to -20 °C @1000 m	kVA:	IP 55

Mechanical data


Sound level (SPL / SWL) at 60 Hz				dB(A) / dB(A)			
Octave Band Center Frequencies Hertz							
250	500	1000	2000	4000	8000	Hz	
SPL@3				dB(A)			
Moment of inertia				Lb-ft²			
Ext Load Inertia Capability:				Lb ft²			
Bearings							
Bearing DE NDE							
Bearing_Type				Ball Bearing			
AFBMA:							
Grease							
Capacity				oz		oz	
Grease Type:							
Thickener							
Safe Stall Time Hot				s			
Safe Stall Time Cold				s			
Frame material							
Color, paint shade				Standard Paint - RAL7030			
Coating (paint finish)				Standard Alkyed + Epoxy (C2)			
Ventilation Type							
Method of cooling							
Direction of rotation							
Fan Material							
VFD				CT: VT:			
Space heaters				-/-			
Brake:				-/-			

Terminal box

Lead Wire Connection					Terminal box position
Voltage	L1	L2	L3	Connected together	Material of terminal box
					Cable entry
					-/-


Notes:

I_{rl}/I_N = locked rotor current / current nominal	3) Value is valid only for DOL operation with motor design IC411
M_{rl}/M_N = locked rotor torque / torque nominal	2) at rated power / at full load
M_{br}/M_N = break down torque / nominal torque	

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Main terminal diagram

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