

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

Motor type: FS: 364TS - p - 60 hp -

Client order no.	Item-No.	Offer no.
Order no.	Consignment no.	Project

Remarks
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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
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[illegible]

Frame Type: 364TS	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
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Sound level (SPL / SWL) at 60 Hz				dB(A) / dB(A)			Thickener			
Octave Band Center Frequencies Hertz							Safe Stall Time Hot		s	
250	500	1000	2000	4000	8000	Hz	Safe Stall Time Cold		s	
SPL@3						dB(A)		Frame material		
Moment of inertia				Lb-ft²			Color, paint shade		Standard Paint - RAL7030	
Ext Load Inertia Capability:				Lb ft²			Coating (paint finish)		Standard Alkyed + Epoxy (C2)	
Bearings							Ventilation Type			
Bearing DE   NDE							Method of cooling			
Bearing_Type				Ball Bearing			Direction of rotation			
AFBMA:							Fan Material			
Grease							VFD		CT: VT:	
Capacity				oz				Space heaters		-/-
Grease Type:							Brake:		-/-	


Terminal box

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

## Notes:


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

Responsible department IN LVM	Technical reference	Created by SPC	Approved by	<i>Technical data are subject to change! There may be discrepancies</i>
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Main terminal diagram

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Responsible department IN LVM	Technical reference	Created by	Approved by Created automatically	Technical data are subject to change! There may be discrepancies between calculated and rating plate values.		<a href="#">Link documents</a>	
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