

Motor Data Sheet



3 phase motor			Motor type: 132SP/4 TF		
Electrical data:			Order data:		
Frequency (f):	50	Hz	Order No.:	101924972-300	
Output (P):	5,50	kW	Customer reference No.:		
Speed (n):	1465	1/min	Serial No.:		
Connection of stator:	D/Y		Motor No.:		
Voltage (V):	400/690	V	Stator No.:	16342557	
Current (I):	10,90/6,29	A	General data:		
Voltage range (U _{WB}):	V		Direction of rotation:	CW/CCW	
Wide range current (I _{WB}):	A		Design:	Motoranb. WN Pos 123	
Starting current/Current (I _A /I):	8,60		Duty:	S1	
Rated motor torque (M _N):	35,85	Nm	Type bearing:		
Starting motor torque (M _A):	138,10 (3,85)*	Nm	Housing material:	Aluminium	
Minimum motor torque (M _S):	103,30 (2,88)*	Nm	Insulation class:	F	
Breakdown motor torque (M _K):	146,30 (4,08)*	Nm	Type of protection:	IP 55	
cos phi:	0,80	Last	Cable entry:	1 I	
Eta(%):	90,90	100%	Moment of inertia:	0,032	kgm ²
Eta(%):	91,50	75%	Maximum altitude of site:	1.000	m
Eta(%):	90,60	50%	Ambient temperature:	-20°C	to +40°C
Service Faktor:			Fan Type:	Standard IC 411	
Code letter:					
Tested data:					
Connection of stator:	D/Y				
Voltage (V):	400/690	V	Classification authorities:		
No load current (I ₀):	5,93/3,42	A	EN 60034, -1, -5, -6, -7, -9, -11, -14, -30; IE3, EN 60204-1,		
No load output (P ₀):	0,25	kW	EN 61000-6-2, EN 61000-6-4		
Noise level (L _{PA}):	60	dB(A)			
Resistance stator winding at 20°C (R):	1.492 U1-U2 Ohm				
Temperature rise (T):	31,60	K			
(at the stator resistance method)					
Insulation resistance (R _{isol.}):	100	Mega Ohm			
Winding test:	2940	V/4 sek.			
Class of vibration:	A				
Motor options:					
TF: Thermistor					

* related dimension (without units)

Technical data are subject to change.