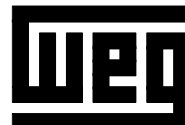


DATA SHEET



Three Phase Induction Motor - Squirrel Cage

Customer : _____

Product line : W22Xdb Flameproof - Standard Efficiency IE1 Multivoltage Product code : 13493645

Frame : 132S/M	Cooling method : TEFC-XP
Insulation class : F	Mounting : B3T
Duty cycle : S1	Direct of rotation ¹ : Both
Ambient temperature : -20 °C to +40 °C	Starting method : Direct On Line
Altitude : 1000 m.a.s.l	Approx. weight ³ : 109 kg
Degree of protection : IP56	Moment of inertia (J) : 0.0601 kgm ²
Design : N	

Output	7.5 kW (10 HP)	7.5 kW (10 HP)	7.5 kW (10 HP)
Poles	4	4	4
Frequency	50 Hz	50 Hz	50 Hz
Rated voltage	380/660 V	400/690 V	415 V
Rated current	15.4/8.87 A	15.2/8.81 A	15.4 A
L. R. Amperes	92.4/53.2 A	97.3/56.4 A	105 A
LRC (p.u.)	6.0	6.4	6.8
No load current	7.50/4.32 A	8.50/4.93 A	9.60 A
Rated speed	1460 rpm	1465 rpm	1470 rpm
Slip	2.67 %	2.33 %	2.00 %
Rated torque	49.1 Nm	48.9 Nm	48.7 Nm
Locked rotor torque	170 %	200 %	210 %
Breakdown torque	210 %	250 %	260 %
Service factor	1.00	1.00	1.00
Noise level ²	60.0 dB(A)	60.0 dB(A)	60.0 dB(A)
Locked rotor time	8 s (hot) 14 s (cold)	8 s (hot) 14 s (cold)	8 s (hot) 14 s (cold)
Efficiency (%)	50%	86.5	85.5
	75%	86.8	87.0
	100%	86.8	87.0
Power factor	Start	0.62	0.62
	50%	0.66	0.60
	75%	0.78	0.75
	100%	0.85	0.82

	<u>Drive end</u>	<u>Non drive end</u>	Foundation loads
Bearing type	6308-ZZ	6207-ZZ	Maximum traction : 1814 N
Lubrication interval	-	-	Maximum compression : 2880 N
Lubricant amount	-	-	
Lubricant type	MOBIL POLYREX EM		
			FOR APPROVAL () Approved { } Approved with comments () Not approved

This revision replaces and cancels the previous one, which must be eliminated.

(1) When viewed from the drive end.
 (2) Measured at 1m and with tolerance of +3dB(A).
 (3) Approximate weight subject to changes after manufacturing process.
 (4) At the rated point.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in IEC 60034-1.

Rev.	Summary of changes	Performed	Checked	Date
Performed by	t-aikah	064163/2021-A Page Revision 3/2 0		
Checked by	AUTOMATICO			
Date	09/03/2021			