DATA SHEET

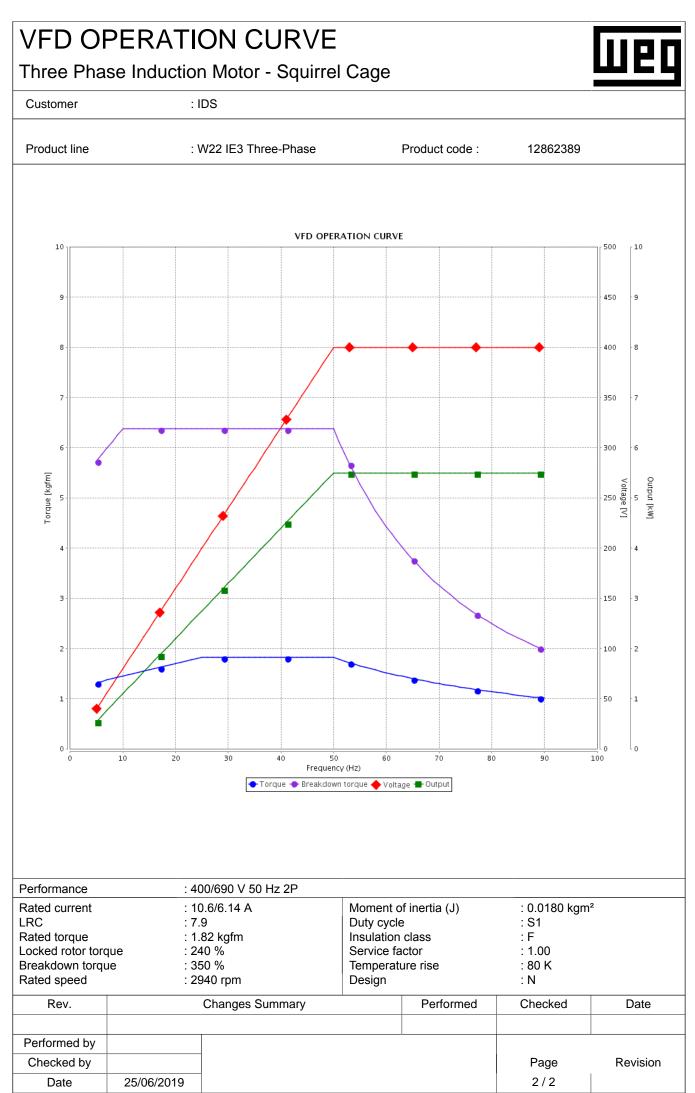
Three Phase Induction Motor - Squirrel Cage



Customer : IDS

Output :5.5 kW Temperature rise :80 kg Prequency :50 Hz Ambient temperature :21 Arabed voltage :400/690 V Ambient temperature :200 m a.s.t. Rated voltage :400/690 V Ambient temperature :200 m a.s.t. Rated voltage :37/48.5 A Cooling method :201 voltage LR Amperes :83.7/48.5 A Cooling method :161.1 - TEFC No load current :4.30/2.49 A Rotation* :63.0 dg/a Silp :2.00 % Starting method :Direct On Line Rated forque :240 % Starting method :Direct On Line Rated forque :240 % Starting method :Direct On Line Rated forque :240 % Starting method :Direct On Line Rated forque :240 % Max carction :63.0 kg Breakdown Itorue :360 % Max. traction :80 kgf Insulation class :F Starting ViRing Uptput 50% 75% 100% Max. carction :143 kgf Drive end 0.66 0.78 0.84 Max. carction :143 kgf Bearing type : 6308 ZZ 6207 ZZ :20 kgs/a Lubrication i	Product line		: W22 IE3	Three-Phase	Product code	: 1286	62389
Uput 50% 75% 100% Foundation loads Efficiency (%) 86.9 88.7 89.4 Max. traction : 80 kgf Power Factor 0.66 0.78 0.84 Max. traction : 80 kgf Bearing type : 6308 ZZ 6207 ZZ Sealing Ubrication interval : - - - Lubrication interval : - - - Lubrication treptaces and cancel the previous one, which must be eliminated. Mobil Polyrex EM Notes This revision reptaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinu power supply, subject to the tolerances stipulated i 60034-1. (2) Measured at 1m and with tolerance of +3dB(A). : South tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 10% of full load. Performed Checked	Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torc Breakdown torqu Insulation class Service factor Moment of inertia	ie	: 5.5 kW : 2 : 50 Hz : 400/690 : 10.6/6.14 : 83.7/48.5 : 7.9 : 4.30/2.49 : 2940 rpm : 2.00 % : 1.82 kgfn : 240 % : 350 % : F : 1.00 : 0.0180 kg		Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method	: 80 : S ² : -2 : 10 : IP : IC : B3 : B6 : 63 : Di	1 0°C to +40°C 000 m.a.s.l. 255 2411 - TEFC 3T oth (CW and CCW) 3.0 dB(A) irect On Line
Efficiency (%) 86.9 88.7 89.4 Max. traction : 80 kgf Power Factor 0.66 0.78 0.84 Max. compression : 143 kgf Bearing type : 6308 ZZ 6207 ZZ Sealing Sealing : ''Ring V'Ring Using Lubrication interval : - - - Lubricant amount : - - - Lubricant type : Mobil Polyrex EM Mobil Polyrex EM Notes Mobil Polyrex EM Mobil Polyrex EM - Notes : : - - (1) Looking the motor from the shaft end. (2) Measured at 1m and with lolerance of +3dB(A). : : (2) Measured at 1m and with lolerance of +3dB(A). : : : : (2) Measured at 1m and with lolerance of +3dB(A). : : : : : (2) Measured at 1m and with lolerance safter manufacturing process. : : : : : : : : : : : : : : : <	-	50%		100%	Foundation loads		
Bearing type : 6308 ZZ 6207 ZZ Sealing : VRing VRing Lubrication interval : - - Lubricant amount : - - Lubricant type : Mobil Polyrex EM - Notes . . . This revision replaces and cancel the previous one, which must be eliminated. These are average values based on tests with sinu power supply, subject to the tolerances stipulated i 60034-1. (1) Looking the motor from the shaft end. (2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Rev. Changes Summary Performed Checked	Efficiency (%)	86.9	88.7	89.4	Max. traction		
must be eliminated. power supply, subject to the tolerances stipulated i (1) Looking the motor from the shaft end. 60034-1. (2) Measured at 1m and with tolerance of +3dB(A). 60034-1. (3) Approximate weight subject to changes after manufacturing process. Performed (4) At 100% of full load. Performed Rev. Changes Summary Performed Checked	Lubrication interval Lubricant amount Lubricant type		: - : -		-		
(2) Measured at 1m and with tolerance of +3dB(A). (3) Approximate weight subject to changes after manufacturing process. (4) At 100% of full load. Rev. Changes Summary Performed Checked	Lubricant type		:	- Ma	- bbil Polyrex EM		
	Lubricant type Notes	aces and ca	incel the previ		These are average va		
Performed by	Lubricant type Notes This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro	aces and ca ed. lotor from the lm and with weight subjeccess.	ne shaft end. I tolerance of +	ous one, which 3dB(A).	These are average va power supply, subject		
	Lubricant type Notes This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful	aces and ca ed. lotor from the lm and with weight subjeccess.	ne shaft end. i tolerance of + ect to changes	ous one, which 3dB(A). after	These are average va power supply, subject 60034-1.	to the toleranc	es stipulated in IEC
Checked by Page R	Lubricant type Notes This revision replanust be eliminate 1) Looking the m 2) Measured at 1 3) Approximate v nanufacturing pro 4) At 100% of ful	aces and ca ed. lotor from the lm and with weight subjeccess.	ne shaft end. i tolerance of + ect to changes	ous one, which 3dB(A). after	These are average va power supply, subject 60034-1.	to the toleranc	es stipulated in IEC

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