DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:



Customer

Product line	Eπic	iency Three-P	nase			
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor tor Breakdown torq Insulation class Service factor Moment of inerti Design	que ue	: 447TS : 250 HP : 2 : 60 Hz : 575 V : 215 A : 1720 A : 8.0x(Coo : 48.7 A : 3570 rpr : 0.83 % : 50.8 kgf : 240 % : 280 % : F : 1.15 : 2.12 kgr : B	de H) m m	Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation ¹ Noise level ² Starting method Approx. weight ³	: 32s (cold) : 80 K : Cont.(S1) : -20°C to + : 1000 m.a : IP55 : IC411 - TI : F-1 : Both (CW : 87.0 dB(A : Direct On : 1177 kg	+40°C .s.l. EFC and CCW)
Output	50%	75%	100%	Foundation loads		
Efficiency (%)	95.0	95.4	95.8	Max. traction	: 656 kgf	
Power Factor	0.83	0.89	0.90	Max. compression	: 1833 kgf	
Sealing						
Lubrication inter Lubricant amoun Lubricant type Notes:			3604 h 27 g Mo	3604 h 27 g bil Polyrex EM		
Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be elimination (1) Looking the noise (2) Measured at (3) Approximate manufacturing proving the second sec	nt laces and c ed. notor from t 1m and with weight subj rocess.	he shaft end. tolerance of	27 g Mo rious one, which +3dB(A).	27 g		
Lubrication inter Lubricant amoun Lubricant type	nt laces and c ed. notor from t 1m and with weight subj rocess.	he shaft end. n tolerance of ect to changes	27 g Mo rious one, which +3dB(A).	27 g bil Polyrex EM		
Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	nt laces and c ed. notor from t 1m and with weight subj rocess.	he shaft end. n tolerance of ect to changes	27 g Mo rious one, which +3dB(A). s after	27 g bil Polyrex EM	the tolerances stipu	lated in NEMA
Lubrication inter Lubricant amoun Lubricant type Notes: This revision rep must be eliminate (1) Looking the n (2) Measured at (3) Approximate manufacturing pr (4) At 100% of fu	nt laces and c ed. notor from t 1m and with weight subj rocess.	he shaft end. n tolerance of ect to changes	27 g Mo rious one, which +3dB(A). s after	27 g bil Polyrex EM	the tolerances stipu	lated in NEMA

 Date
 13/01/2024
 1 / 3

 This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice

DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

Customer

ID	Application	Туре	Quantity	Sensing	Temperature
1	Winding	Thermostat - 2 wires	1 x Phase	1	55 °C
•	winding		1 1 1 1 1 1 2 2		
Rev.	Changes	s Summary	Performed	Checked	Date
		-			
rformed by					
				D	
hecked by				Page 2 / 3	Revision

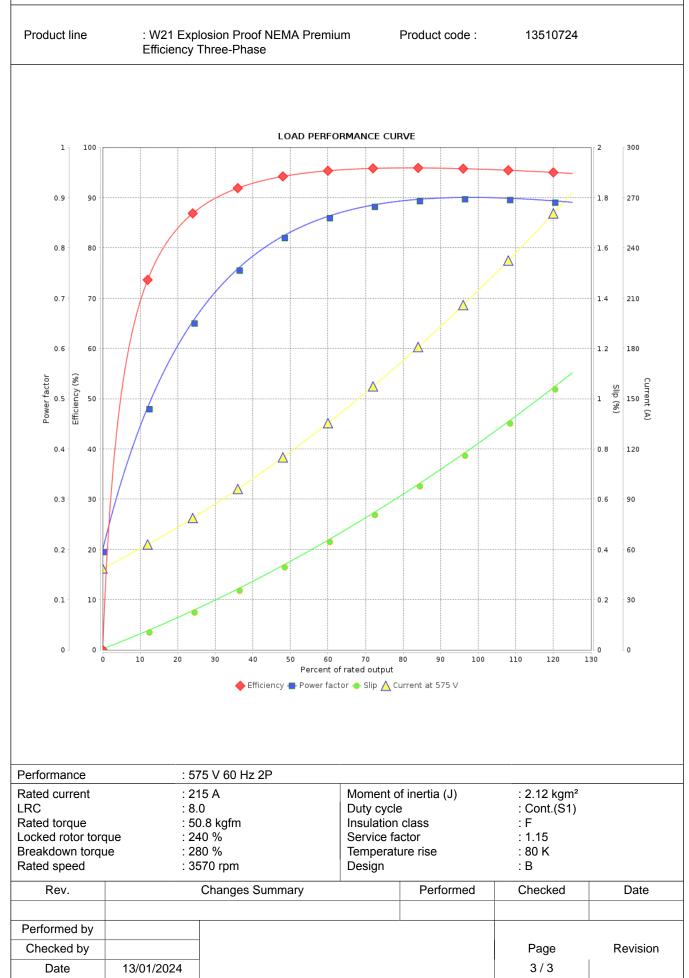


LOAD PERFORMANCE CURVE

Three Phase Induction Motor - Squirrel Cage

:

Customer



This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Subject to change without notice