DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

Frame				duct code : 119	96595	
		: 256TC Cooling m				
Insulation class		:F	: F Mounting		1	
Duty cycle		: Cont.(S1) Rotation ¹			oth (CW and CCW)	
Ambient temperature		: -20°C to +40°C			: Direct On Line	
Altitude		: 1000 m.a.s.l. Approx. weight ³			: 0.0 kg	
Protection degree		: IP23			0778 kgm²	
Design		: B	,			
Output [HP] Poles		20	20	20	20	
		60	50	50	50	
Frequency [Hz]						
Rated voltage [V]		230/460	380	400	415	
Rated current [A]		51.0/25.5	31.0	31.7	30.6	
L. R. Amperes [A]		286/143	115	130	138	
LRC [A]		5.6x(Code G)	3.7x(Code C)	4.1x(Code E)	4.5x(Code E)	
No load current [A]		21.8/10.9	11.1	12.4	13.7	
Rated speed [RPM]		1765	1440	1450	1455	
Slip [%]		1.94	4.00	3.33	3.00	
Rated torque [kgfm]		8.22	10.1	10.0	9.98	
Locked rotor torque [%]		229	160	180	200	
Breakdown torque [%]		250	160	180	200	
Service factor		1.15	1.00	1.00	1.00	
Temperature rise		105 K	105 K	105 K	105 K	
Locked rotor time		21s (cold) 12s (hot)	27s (cold) 15s (hot)	25s (cold) 14s (hot		
Noise level ²		60.0 dB(A)	, , ()			
Efficiency (%)	25%					
	50%	90.2	87.5	87.5	87.5	
	75%	91.0	88.5	88.5	88.5	
	100%	91.0	87.5	87.5	88.5	
Power Factor	25%					
	50%	0.64	0.72	0.62	0.64	
	75%	0.75	0.81	0.74	0.76	
	100%	0.81	0.84	0.78	0.81	
Bearing type Sealing Lubrication interval Lubricant amount		: 6309 Z C3 620	WithoutWithoutMax. compression: 314 kgfBearing SealBearing Seal20000 h20000 h13 g9 g			
Lubrication interv Lubricant amour		Bearing Seal Beari : 20000 h 20 : 13 g	000 h 9 g			
Lubrication interv	nt	Bearing Seal Beari 20000 h 20 13 g Mobil Polyrex E	000 h 9 g			
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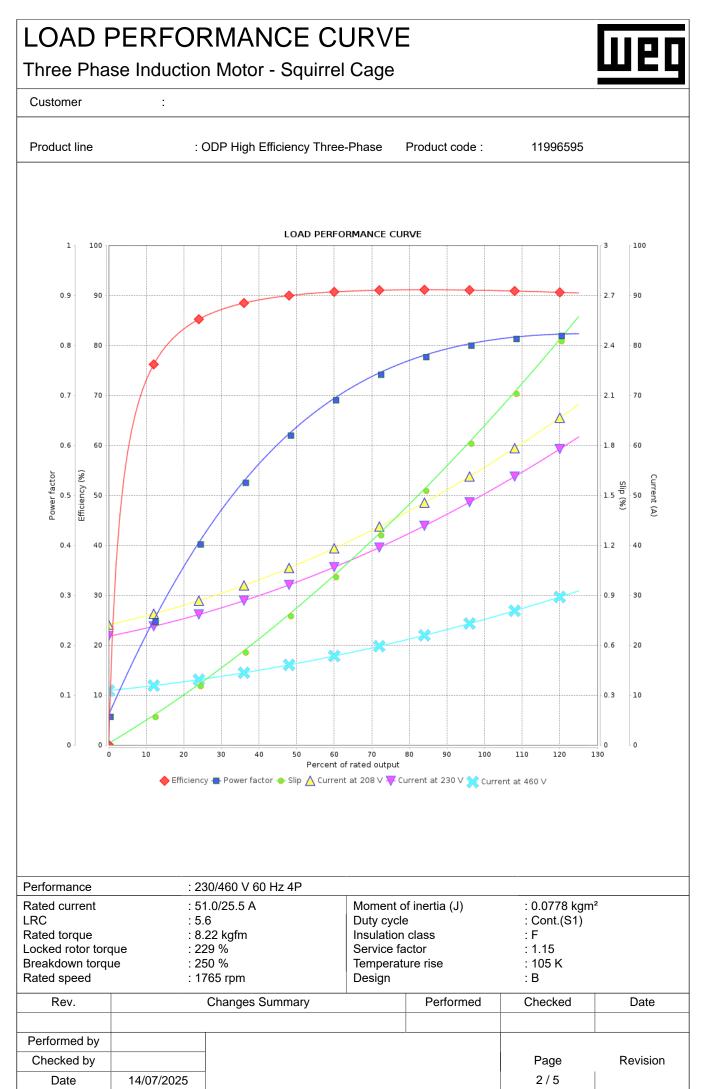
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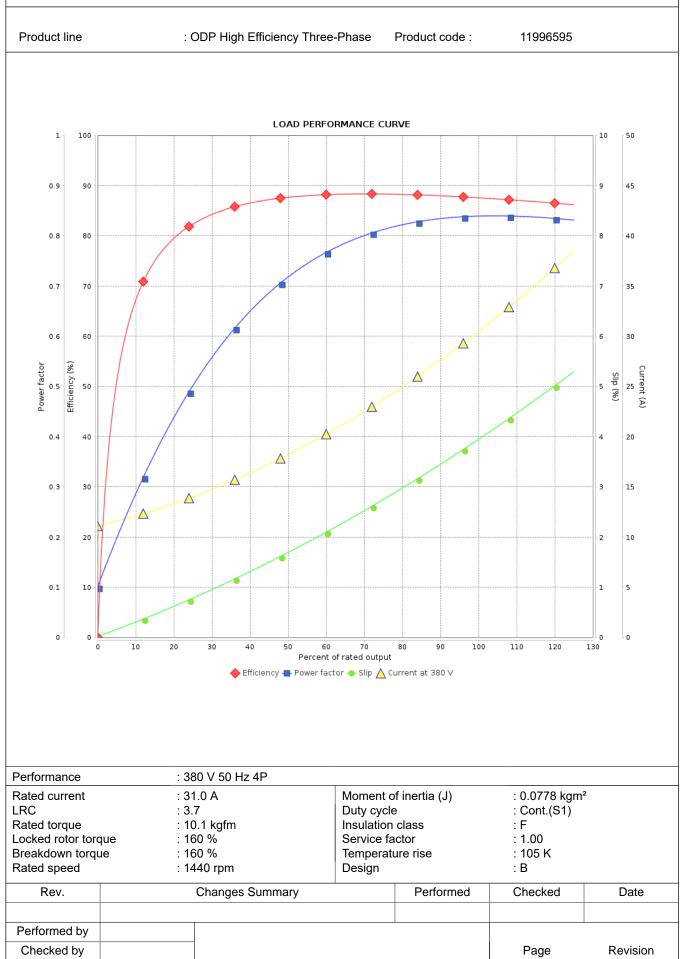
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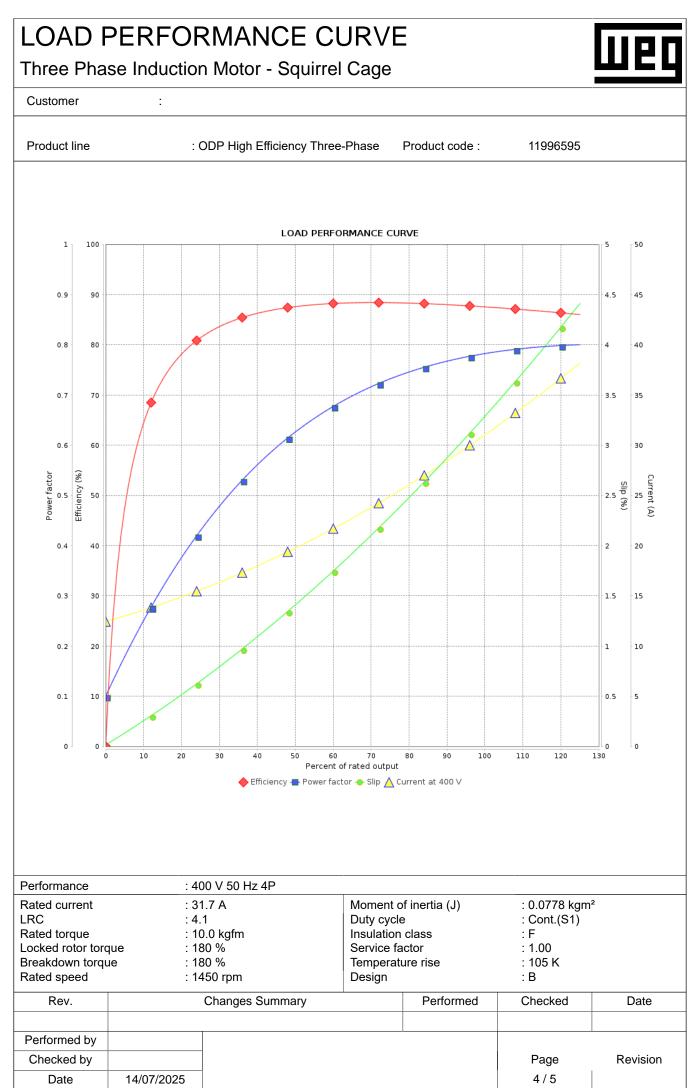


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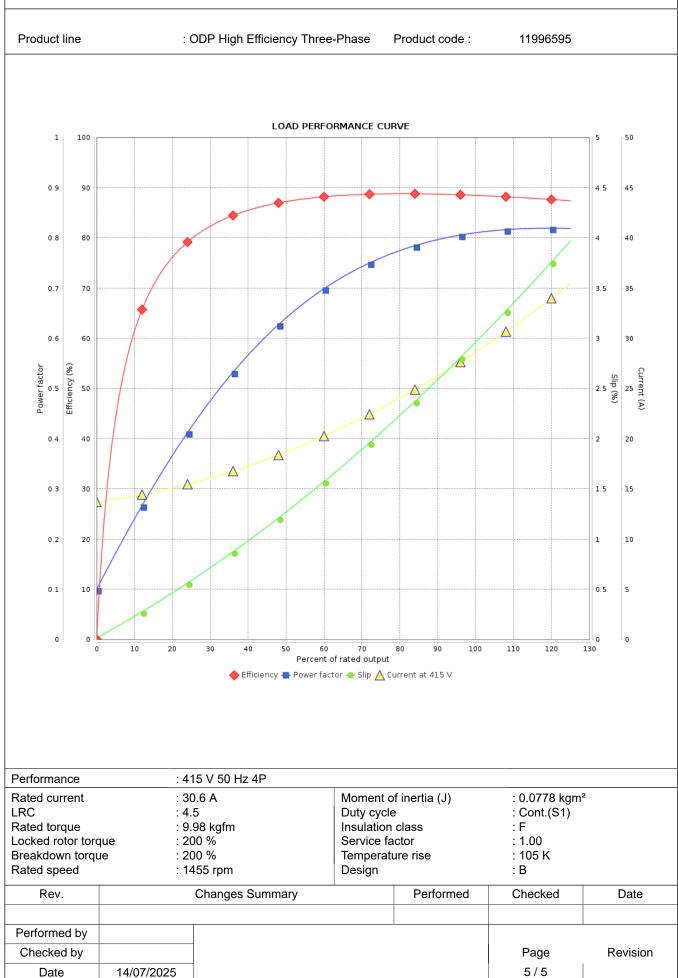
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