DATA SHEET

Three Phase Induction Motor - Squirrel Cage

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Customer

-		: ODP High Efficiency	<u> </u>	duct code :	11996595		
Frame		: 256TC		Cooling method		: IC01 - ODP	
Insulation class		: F	Mounting		: F-1		
Duty cycle		: Cont.(S1)	Rotation ¹			and CCW)	
Ambient temperature		: -20°C to +40°C	Starting me				
Altitude		: 1000 m.a.s.l.	Approx. we	. weight ³ : 0.0 kg			
Protection degree		: IP23		ent of inertia (J) : 0.0778 kgm²			
Design		: B			Ū		
Dutput [HP]		20	20	20		20	
Poles		4	4	4		4	
Frequency [Hz]		60	50	50		50	
Rated voltage [V]		230/460	380	400		415	
Rated current [A]		51.0/25.5			1.7 30.6		
L. R. Amperes [A]			286/143 115		130 138		
LRC [A]			5.6x(Code G) 3.7x(Code C)		Code E) 4.5x(Code E)		
No load current [A]		21.8/10.9	21.8/10.9 11.1		2.4 13.7		
Rated speed [RPM]		1765	1440	1450	1	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 [%]		229	160	180		200	
· · ·							
Service factor		1.15	1.00	1.00		1.00	
Temperature rise		105 K	105 K	105 K		105 K	
_ocked rotor time		21s (cold) 12s (hot)	27s (cold) 15s (hot)) 25s (cold) 14	s (hot) 23s	(cold) 13s (hot	
Noise level ²	050/	60.0 dB(A)					
	25%	00.0	07.5	07.5		07 5	
Efficiency (%)	50%	90.2	87.5	87.5		87.5	
J ()	75%	91.0	88.5	88.5		88.5	
	100%	91.0	87.5	87.5		88.5	
	25%						
Power Factor	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	
Deeringthan	-		Foundation				
Bearing type				Max. traction : 314 kgf			
Sealing			ithout Max. compre	ession	: 314 kgf		
			ing Seal				
Lubrication interval Lubricant amount			000 h				
			9 g				
Lubricant type		: Mobil Polyrex E	EM				
Notes							
USABLE @208V	50.4A SF 1.	15 SFA 64.9A					
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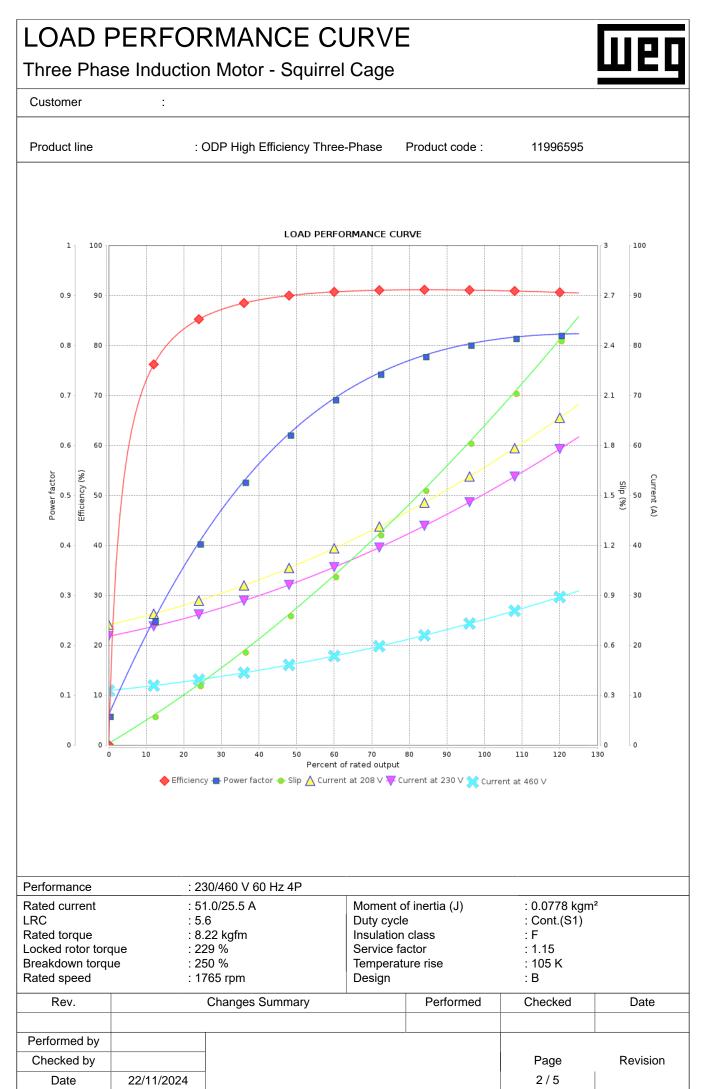
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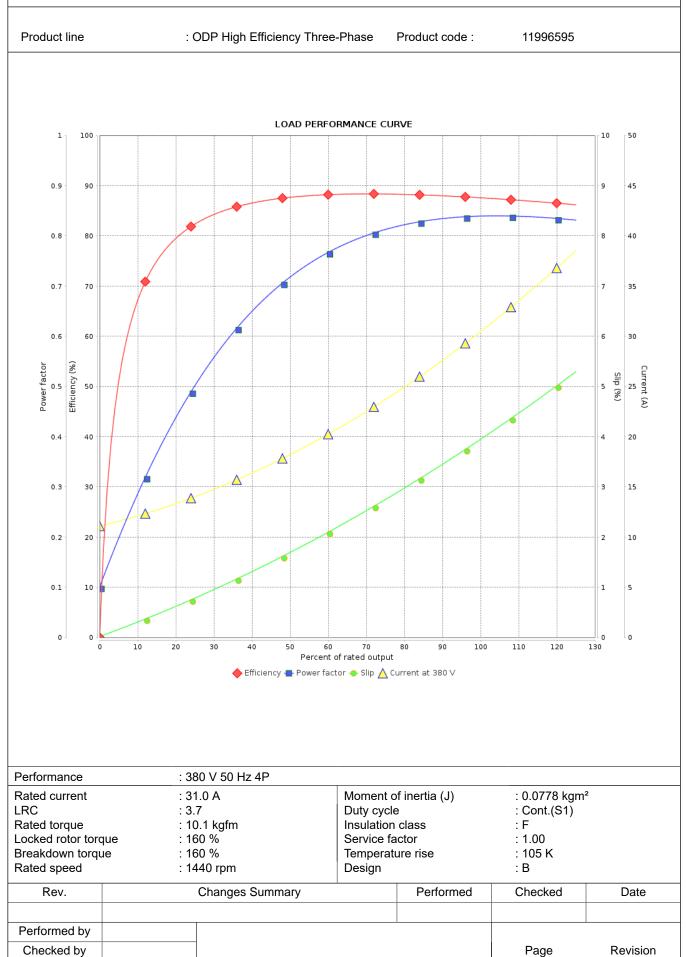
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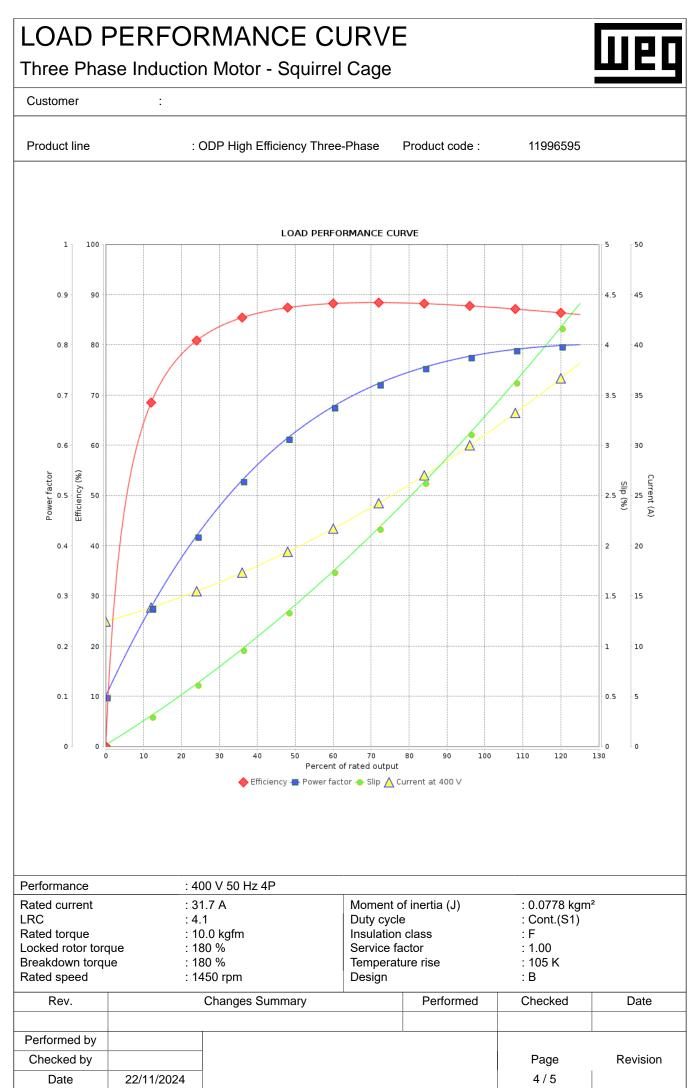
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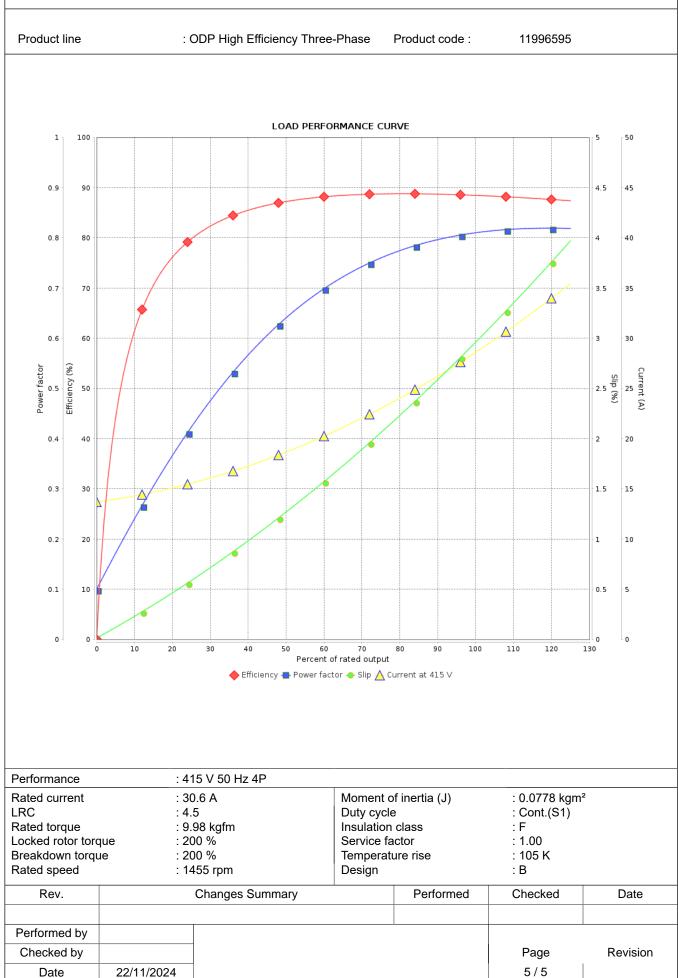
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