DATA SHEET

Three Phase Induction Motor - Squirrel Cage

:

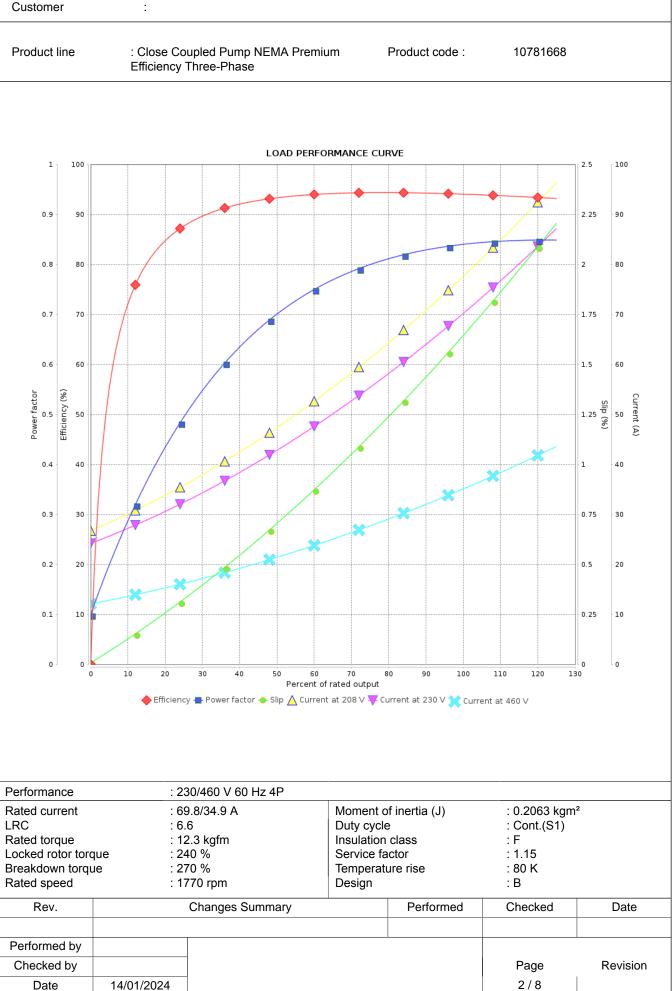


Customer

Product line		e Coupled Pun ncy Three-Pha		mium	Product code	e: 10	781668		
Frame Insulation class Duty cycle		: 286JM : F : Cont.(S1)		Mounti Rotatio	Cooling method Mounting Rotation ¹			: IC01 - ODP : F-1 : Both (CW and CCW)	
Ambient temperature Altitude Protection degree		: -20°C to +40°C : 1000 m.a.s.l. : IP23		Approx	Starting method Approx. weight ³ Moment of inertia (J)		: Direct On Line : 193 kg : 0.2063 kgm²		
Design	C	: B		Women		,	.2000 kgm		
Output [HP] Poles		30 4	25 4	25 4	25 4	30 4	30 4	30 4	
Frequency [Hz]		60	50	50	50	50	50	50	
Rated voltage [V]		230/460	380	400	415	380	400	415	
Rated current [A]		69.8/34.9	35.7	34.7	34.3	42.9	41.4	40.1	
L. R. Amperes [A]		461/230	246	250	244	215	232	245	
LRC [A]		G)					5.6x(Code F)	G)	
No load current [A]		24.2/12.1	12.0	14.0	13.5	11.7	12.6	13.2	
Rated speed [RPM]		1770	1470	1470	1475	1460	1465	1468	
Slip [%]		1.67	2.00	2.00	1.67	2.67	2.33	2.13	
Rated torque [kgfm]		12.3	12.3	12.3	12.3	14.9	14.9	14.8	
Locked rotor torque [%]		240	220	250	270	170	190	210	
Breakdown torque [%]		270	240	270	300	200	220	240	
Service factor		1.15	1.15	1.15	1.15	1.15	1.15	1.15	
Temperature rise		80 K	80 K	80 K	80 K	80 K	80 K	80 K	
Locked rotor time		25s (cold) 14s (hot)	30s (cold) 17s (hot)	27s (cold) 15s (hot)	25s (cold) 14s (hot)	30s (cold) 17s (hot)	27s (cold) 15s (hot)	25s (cold 14s (hot)	
loise level ²		63.0 dB(A)							
Efficiency (%) Power Factor	25%	93.4	92.0	92.0	92.0	92.1	91.5	91.0	
	50%	93.6	92.2	92.2	92.2	91.7	91.7	91.7	
	75%	94.1	92.6	92.6	92.6	92.4	92.4	92.4	
	100%	94.1	92.6	92.6	92.6	91.7	92.4	93.0	
	25%	0.46	0.47	0.42	0.40	0.53	0.48	0.45	
	50%	0.70	0.70	0.66	0.63	0.74	0.70	0.66	
	75%	0.80	0.80	0.78	0.75	0.83	0.80	0.78	
	100%	0.84	0.85	0.83	0.81	0.85	0.83	0.82	
		Drive end		end Founda					
Bearing type Sealing		: 6311 Z C			Max. traction: 413 kgfMax. compression: 606 kgf				
		: Without							
		Bearing S							
Lubrication interval		: 20000 h							
Lubricant amount		: 18 g 11 g : Mobil Polyrex EM							
Lubricant type Notes USABLE @208V	78 3A SE 1								
USABLE @200V	70.34 31 1.	10 01 A 90.0A							
This revision replaces and cancel the previous one, which must be eliminated. (1) Looking the motor from the shaft end.				power s	These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.				
 Looking the m Measured at 1 Approximate v nanufacturing pri At 100% of ful 	Im and with t weight subjec ocess.	tolerance of +3		MG-1.					
Rev.	Rev. Changes Summary				Performe	ed Che	ecked	Date	
Performed by									
Performed by Checked by						P	age	Revision	

Three Phase Induction Motor - Squirrel Cage

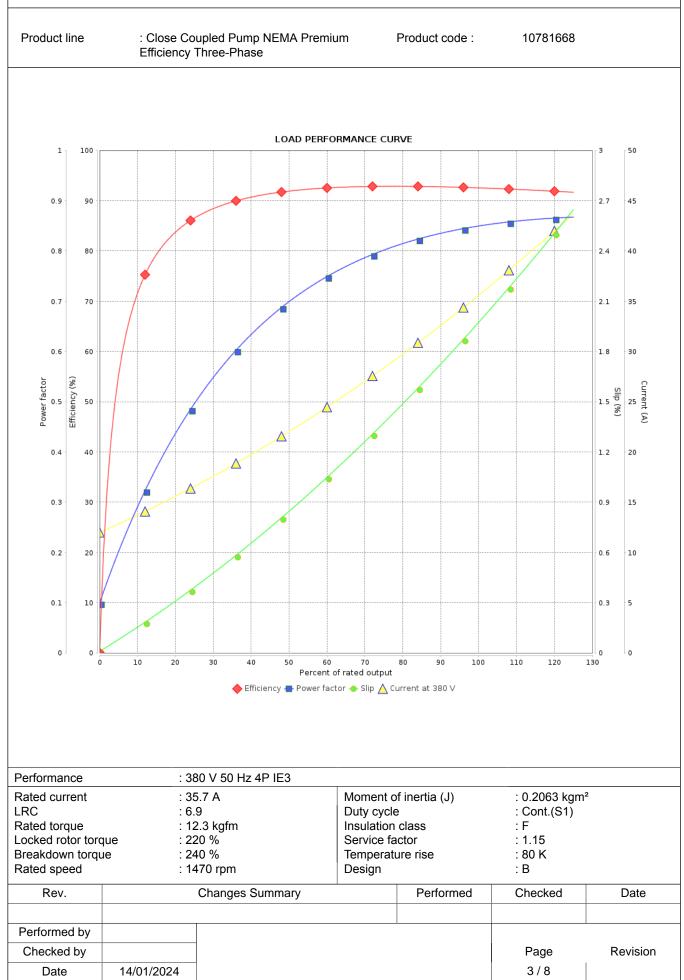
Customer



Three Phase Induction Motor - Squirrel Cage

:

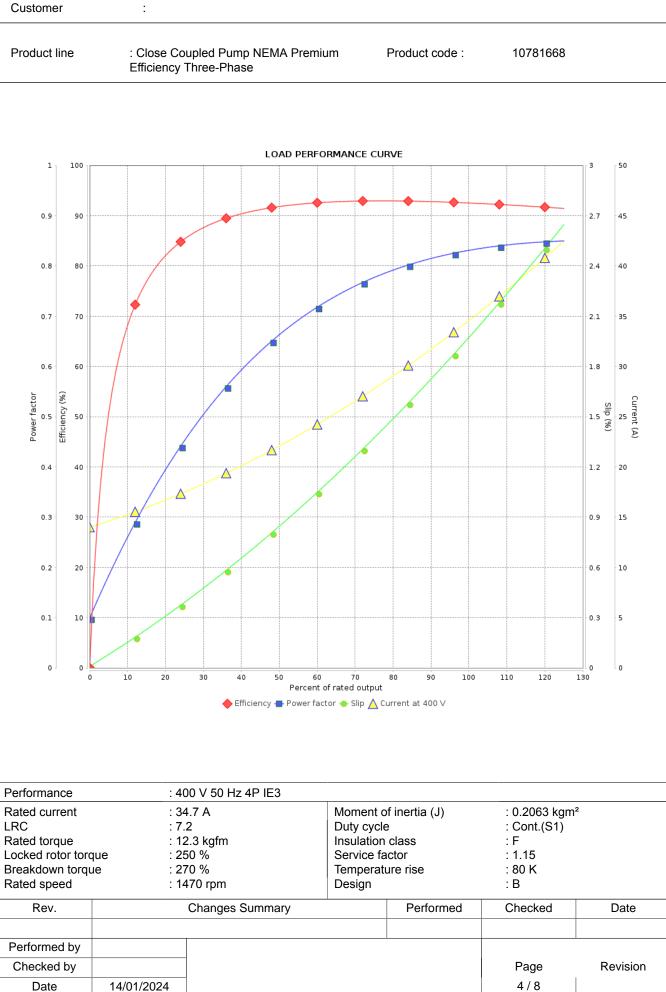
Customer



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

Three Phase Induction Motor - Squirrel Cage

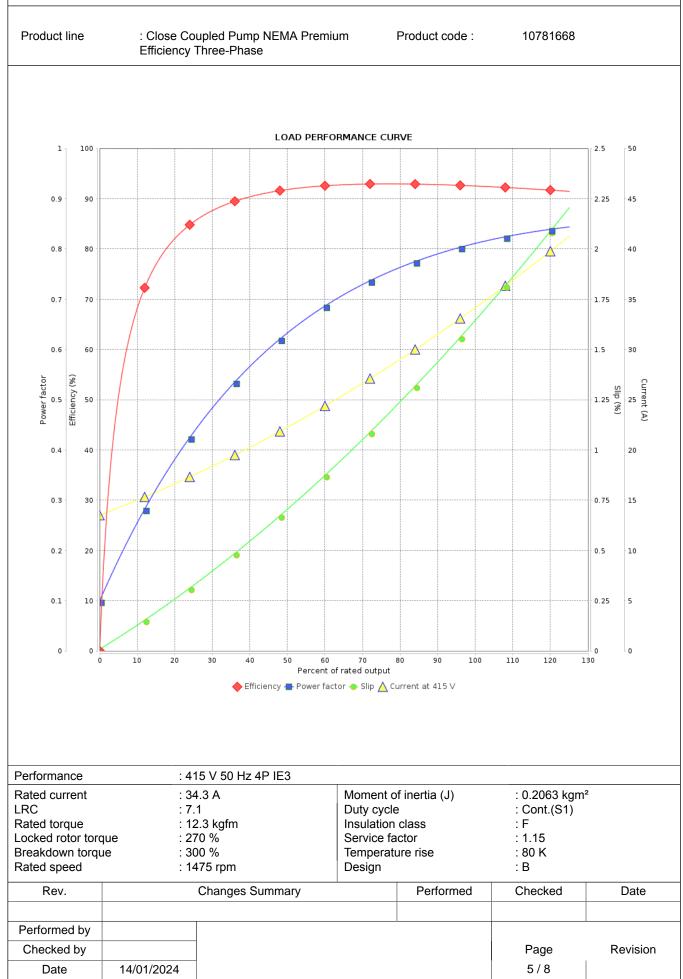




Three Phase Induction Motor - Squirrel Cage

:

Customer



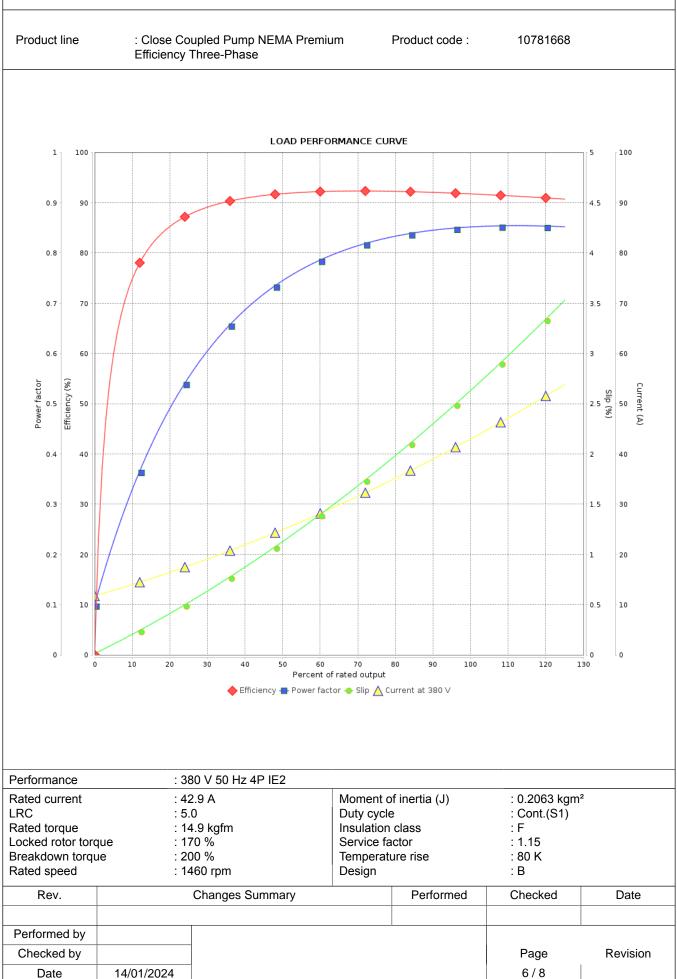
This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

Three Phase Induction Motor - Squirrel Cage

:



Customer

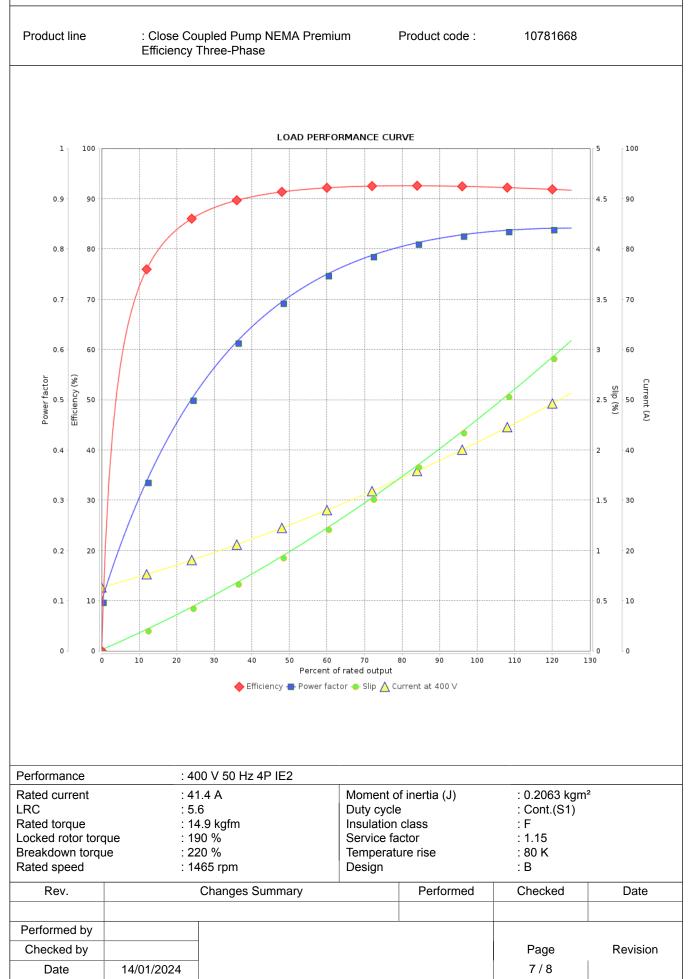


This document is exclusive property of WEG S/A. Reprinting is not allowed without written authorization of WEG S/A.

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.

Three Phase Induction Motor - Squirrel Cage

