

ELECTRICAL TEST RESULTS

Customer : **FLSES IE3** Serial Nr : **Type test report**
Elec. code : **Z12X** Test Nr : **-**
Tested in accordance with : IEC 60034-2-1 (Low Uncertainty)

MOTOR

Frame : **FLSES 400LB**
Polarity : **2** Mounting : **B3**
Power (kW) : **560** Duty : **S1**
Frequency (Hz) : **50** Weight (kg) : **2640**
Voltage (V) : **400** Ambient (°C) : **40**
Protection : **IP 55** Insul. Cl : **F**

TEMPERATURE RISE TEST

Stator cold (Ω) à : ΔT Stator (K) : **75,0**
Stator hot (Ω) à : à Pa (kW) = **578,25** à (V) : **400**

TESTS ON LOAD

Voltage (V): 400		Frequency (Hz) : 50						
	m.N	I (A)	Pa (kW)	N (min-1)	g (%)	Pu (kW)	η (%)	Cos φ
0		210,40	12,97	3000				0,089
25	445,50	307,22	152,88	2998	0,07	139,86	91,48	0,719
50	891,50	488,62	293,75	2995	0,17	279,59	95,18	0,869
75	1338,30	691,41	435,17	2992	0,27	419,29	96,35	0,910
85	1520,00	774,84	492,83	2991	0,31	476,03	96,59	0,918
100	1789,20	902,34	578,25	2989	0,38	559,98	96,84	0,925
115	2058,80	1033,96	664,00	2987	0,44	643,95	96,98	0,927
125	2235,50	1120,76	720,25	2986	0,48	698,93	97,04	0,929

TORQUE TESTS

FLT = **1789,20 m.N**
LRT = **2165,00 m.N**
BDT = **10091,0 m.N**

FLC = **902,34 A**
LRC = **8890,00 A**
BD SPEED = **2880 min-1**

LRT/FLT = **1,21** BDT/FLT = **5,64** LRC/FLC = **9,85**

Dielectric test : **1800 V during 60s**

Insulation test : **>100 MΩ at 500V**

Quality check:

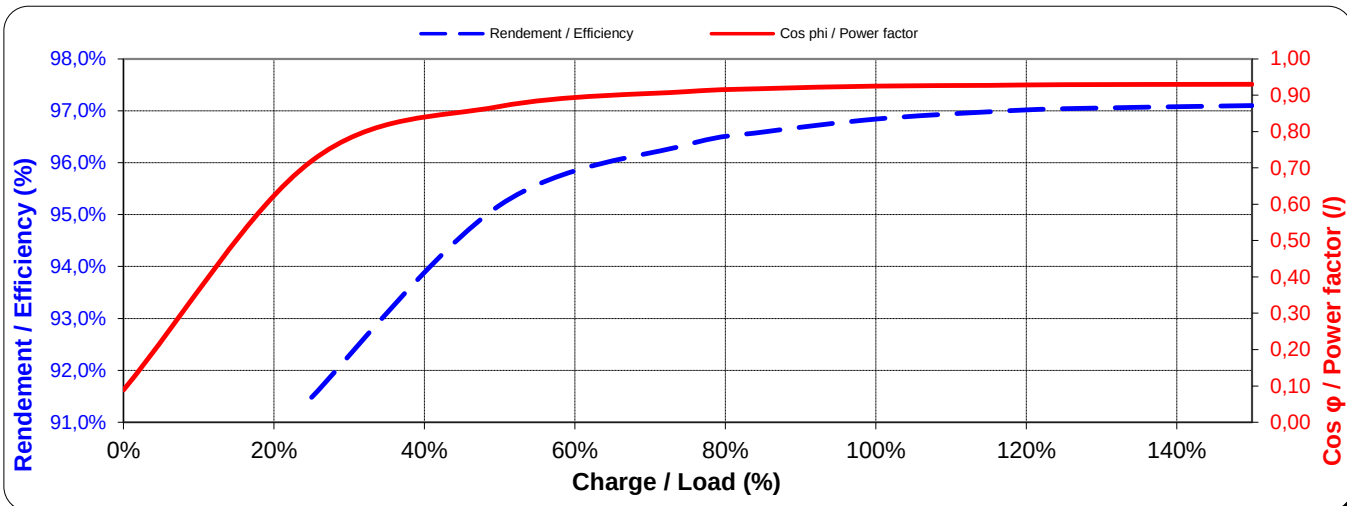
Leroy Somer : **#**
Date

Motor(s) N° comply with above type test results-
Tolerances according to IEC 60034-1
Data Sheet according to EN 10204-3-1

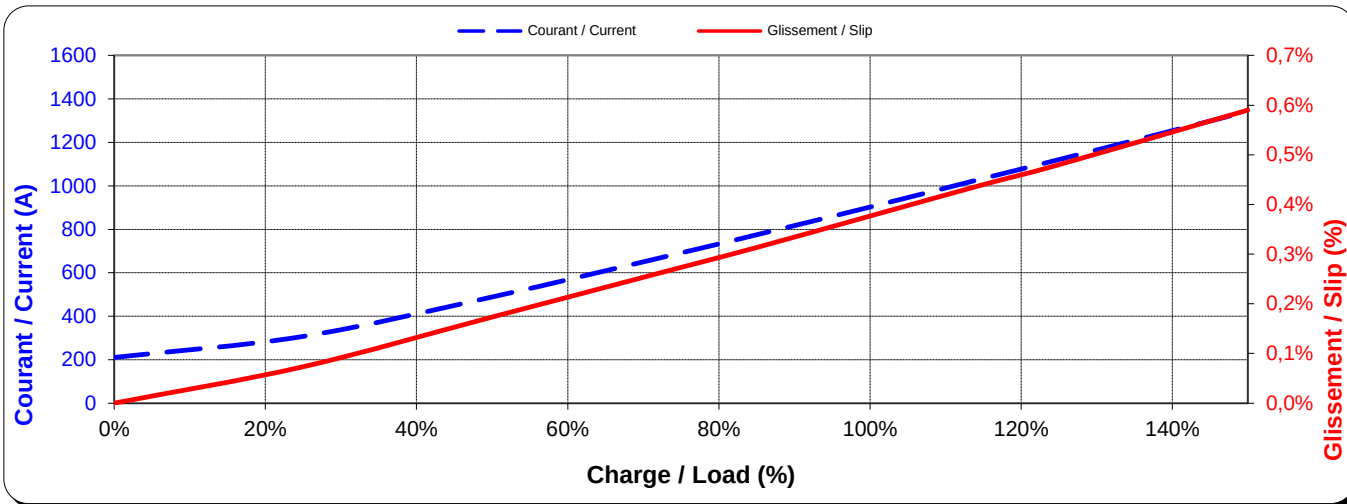
Frame : FLSES 400LB
Power : 560 kW
Serial Nr : Type test report

Test Nr : -
Polarity : 2P
Voltage-Frequency : 400D - 50Hz

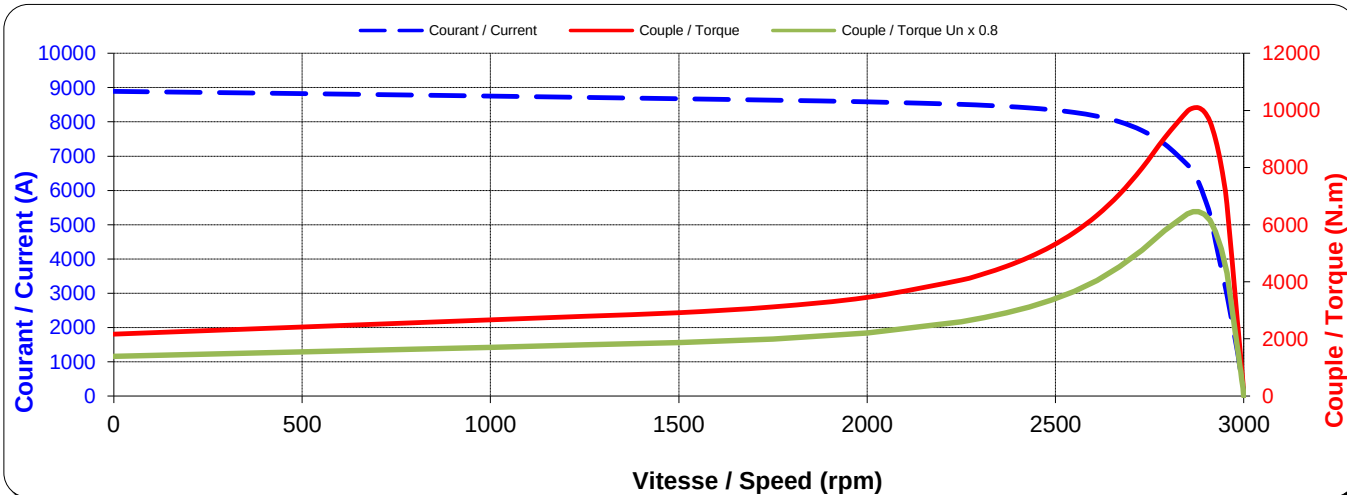
Efficiency and power factor versus load



Current and slip versus load



Current and torque versus speed



It is the user's responsibility to check that his configurator's version is updated.

The above mentioned data are for information, and should be subject to a special agreement from LEROY-SOMER to become contractual.

LEROY-SOMER is reserving the right to change these data without previous notice