



MOTOR MAC QI 100 M
Parámetros motor / Motor parameters

Fecha - Date 19-03-15

PLACA DE CARACTERÍSTICAS / NAMEPLATE DATA

	QI 100 M Bob. 111	QI 100 M Bob. 211	QI 100 M Bob. 112	QI 100 M Bob. 121	QI 100 M Bob. 212	QI 100 M Bob. 221	QI 100 M Bob. 122	QI 100 M Bob. 222
Nm	52	52	52	52	52	52	52	52
rpm	746	1075	1406	1673	1975	2305	2994	4134
KW	4.1	5.9	7.7	9.1	10.8	12.6	16.3	22.5
V	400	400	400	400	400	400	400	400
A	10.7	14.1	17.7	20.2	23.8	27.6	34.9	47.5
Hz	27.0	38.0	49.0	58.0	68.0	79.0	102.0	140.0
Cos fi	0.77	0.77	0.76	0.78	0.76	0.76	0.77	0.77
Rend / eff.	0.71	0.78	0.82	0.84	0.85	0.86	0.88	0.89
J (Kg m2)	0.0142	0.0142	0.0142	0.0142	0.0142	0.0142	0.0142	0.0142

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / PHASE STAR EQUIVALENT SCHEMA

	QI 100 M Bob. 111	QI 100 M Bob. 211	QI 100 M Bob. 112	QI 100 M Bob. 121	QI 100 M Bob. 212	QI 100 M Bob. 221	QI 100 M Bob. 122	QI 100 M Bob. 222
Rs (mOhm)	2245.24	1230.61	748.41	561.31	410.20	307.65	187.10	102.55
Rr (mOhm)	2057.02	1106.22	685.67	514.25	368.74	276.55	171.42	92.18
Rfe (Ohm)	980.17	673.96	492.13	404.54	318.67	255.92	177.98	107.91
Ls (mH)	11.94	6.42	3.98	2.98	2.14	1.61	0.99	0.54
Lr (mH)	17.40	9.00	5.55	4.03	2.93	2.19	1.35	0.72
Lm (mH)	209.94	115.15	70.38	54.98	38.43	28.55	17.98	9.69
Ts (s)	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
Tr (s)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Kt	346.83	254.34	200.24	173.41	146.84	127.17	100.12	73.42
Im (A/fase)	5.6	7.4	9.5	10.4	12.8	14.8	18.4	25.0

