



MOTOR MAC QI 100 L
Parámetros motor / Motor parameters

Fecha - Date 19-03-15

PLACA DE CARACTERÍSTICAS / NAMEPLATE DATA

	QI 100 L Bob. 111	QI 100 L Bob. 211	QI 100 L Bob. 112	QI 100 L Bob. 121	QI 100 L Bob. 212	QI 100 L Bob. 221	QI 100 L Bob. 122	QI 100 L Bob. 222
Nm	65	65	65	65	65	65	65	65
rpm	1028	1291	1927	2262	2412	2788	4026	4963
KW	7.0	8.8	13.1	15.4	16.4	19.0	27.4	33.8
V	500	500	500	500	500	500	500	500
A	14.2	17.0	23.6	26.9	28.5	32.9	46.5	56.8
Hz	36.3	45.0	66.3	77.5	82.5	95.0	136.3	167.5
Cos fi	0.76	0.75	0.76	0.77	0.77	0.76	0.76	0.77
Rend / eff.	0.74	0.79	0.84	0.86	0.86	0.87	0.89	0.89
J (Kg m2)	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180	0.0180

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / PHASE STAR EQUIVALENT SCHEMA

	QI 100 L Bob. 111	QI 100 L Bob. 211	QI 100 L Bob. 112	QI 100 L Bob. 121	QI 100 L Bob. 212	QI 100 L Bob. 221	QI 100 L Bob. 122	QI 100 L Bob. 222
Rs (mOhm)	1432.89	938.54	477.63	358.22	312.85	234.63	119.41	78.21
Rr (mOhm)	1375.24	920.62	458.41	343.81	306.87	230.15	114.60	76.72
Rfe (Ohm)	716.53	559.95	354.37	290.49	268.18	216.22	126.48	91.50
Ls (mH)	7.98	5.34	2.66	1.99	1.78	1.34	0.66	0.45
Lr (mH)	11.96	7.88	3.78	2.77	2.47	1.86	0.92	0.62
Lm (mH)	142.86	95.46	48.79	37.87	33.68	25.05	12.48	8.40
Ts (s)	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
Tr (s)	0.11	0.11	0.11	0.12	0.12	0.12	0.12	0.12
Kt	254.34	208.10	146.84	127.17	120.14	104.05	73.42	60.07
Im (A/fase)	7.7	9.5	12.9	14.2	15.1	17.6	25.0	30.3

