MOTOR MAC QI 132 S

Parámetros motor / *Motor parameters*

Fecha - Date 20-03-15

PLACA DE CARACTERÍSTICAS / *NAMEPLATE DATA*

	QI 132 S Bob. 111	QI 132 S Bob. 211	QI 132 S Bob. 112	QI 132 S Bob. 121	QI 132 S Bob. 212	QI 132 S Bob. 221	QI 132 S Bob. 122	QI 132 S Bob. 141	QI 132 S Bob. 222	QI 132 S Bob. 241	QI 132 S Bob. 142
Nm	100	100	100	100	100	100	100	100	100	100	100
rpm	379	515	739	860	980	1131	1580	1821	2060	2390	3289
KW	4.0	5.4	7.7	9.0	10.3	11.8	16.5	19.1	21.6	25.0	34.4
V	400	400	400	400	400	400	400	400	400	400	400
A	9.9	12.7	16.7	19.5	21.3	25.0	33.2	38.4	42.6	49.1	66.0
Hz	14.0	18.5	26.0	30.0	34.0	39.0	54.0	62.0	70.0	81.0	111.0
Cos fi	0.85	0.82	0.83	0.81	0.82	0.80	0.81	0.80	0.81	0.81	0.82
Rend / eff.	0.68	0.75	0.81	0.82	0.85	0.86	0.89	0.89	0.90	0.91	0.92
J (Kg m2)	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046	0.046

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / *PHASE STAR EQUIVALENT SCHEMA*

	QI 132 S Bob. 111	QI 132 S Bob. 211	QI 132 S Bob. 112	QI 132 S Bob. 121	QI 132 S Bob. 212	QI 132 S Bob. 221	QI 132 S Bob. 122	QI 132 S Bob. 141	QI 132 S Bob. 222	QI 132 S Bob. 241	QI 132 S Bob. 142
Rs (mOhm)	3659.78	2181.13	1219.93	914.94	727.04	545.28	304.98	228.74	181.76	136.32	76.25
Rr (mOhm)	2200.02	1330.88	733.34	550.00	443.63	332.72	183.33	137.50	110.91	83.18	45.83
Rfe (Ohm)	1315.71	1010.26	728.29	607.37	535.09	440.49	296.81	240.52	206.78	166.61	105.22
Ls (mH)	28.19	17.05	9.40	7.05	5.68	4.26	2.35	1.76	1.42	1.07	0.59
Lr (mH)	31.82	19.35	10.31	7.96	6.21	4.82	2.59	1.96	1.57	1.17	0.64
Lm (mH)	541.56	306.69	175.91	122.80	104.93	72.58	41.88	30.54	25.28	19.17	10.89
Ts (s)	0.16	0.15	0.15	0.14	0.15	0.14	0.15	0.14	0.15	0.15	0.15
Tr (s)	0.26	0.24	0.25	0.24	0.25	0.23	0.24	0.24	0.24	0.24	0.25
Kt	624.29	485.56	360.43	312.15	280.34	242.78	180.22	156.07	140.17	121.39	90.11
Im (A/fase)	3.8	5.4	6.9	8.7	9.0	11.4	14.6	17.4	18.8	21.4	27.8

