



MOTOR MAC QI 160 S

Parámetros motor / Motor parameters

Fecha - Date 01-12-14

PLACA DE CARACTERÍSTICAS / NAMEPLATE DATA

	QI 160 S Bob. A41	QI 160 S Bob. B41	QI 160 S Bob. C41	QI 160 S Bob. D41	QI 160 S Bob. E41	QI 160 S Bob. F41	QI 160 S Bob. G41	QI 160 S Bob. H41	QI 160 S Bob. I41	QI 160 S Bob. J41	QI 160 S Bob. F42	QI 160 S Bob. G42	QI 160 S Bob. H42
Nm	340	340	340	340	340	340	340	340	340	340	340	340	340
rpm	510	660	811	901	1080	1260	1500	1680	1860	2100	2250	2670	2970
KW	18.2	23.5	28.9	32.1	38.5	44.9	53.4	59.8	66.2	74.8	80.1	95.1	105.7
V	400	400	400	400	400	400	400	400	400	400	400	400	400
A	35.0	43.8	52.4	58.1	69.3	79.8	94.2	104.0	114.9	129.2	138.5	163.6	180.0
Hz	18.0	23.0	28.0	31.0	37.0	43.0	51.0	57.0	63.0	71.0	76.0	90.0	100.0
Cos fi	0.88	0.88	0.89	0.88	0.87	0.87	0.87	0.88	0.88	0.88	0.88	0.88	0.88
Rend / eff.	0.85	0.88	0.90	0.91	0.92	0.93	0.94	0.94	0.95	0.95	0.95	0.96	0.96
J (Kg m2)	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386	0.2386

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / PHASE STAR EQUIVALENT SCHEMA

	QI 160 S Bob. A41	QI 160 S Bob. B41	QI 160 S Bob. C41	QI 160 S Bob. D41	QI 160 S Bob. E41	QI 160 S Bob. F41	QI 160 S Bob. G41	QI 160 S Bob. H41	QI 160 S Bob. I41	QI 160 S Bob. J41	QI 160 S Bob. F42	QI 160 S Bob. G42	QI 160 S Bob. H42
Rs (mOhm)	477.72	309.18	212.32	171.50	119.06	88.54	65.23	52.92	42.94	34.17	29.51	21.74	17.64
Rr (mOhm)	345.74	221.27	153.66	124.47	86.43	64.92	46.48	38.42	31.12	24.59	21.64	15.49	12.81
Rfe (Ohm)	874.59	693.53	571.35	504.55	407.80	345.16	281.58	251.09	219.73	188.55	172.70	137.81	121.42
Ls (mH)	4.79	3.07	2.13	1.73	1.20	0.90	0.64	0.53	0.43	0.34	0.30	0.21	0.18
Lr (mH)	4.36	2.77	1.91	1.55	1.09	0.81	0.58	0.48	0.39	0.31	0.27	0.19	0.16
Lm (mH)	147.58	95.16	67.37	52.61	35.64	27.07	19.37	16.47	13.30	10.50	9.09	6.51	5.58
Ts (s)	0.32	0.32	0.33	0.32	0.31	0.32	0.31	0.32	0.32	0.32	0.32	0.31	0.33
Tr (s)	0.44	0.44	0.45	0.44	0.42	0.43	0.43	0.44	0.44	0.44	0.43	0.43	0.45
Kt	230.73	184.58	153.82	138.44	115.37	99.98	84.60	76.91	69.22	61.53	57.73	48.84	44.40
Im (A/fase)	12.4	15.3	17.9	20.8	25.9	29.5	35.1	36.8	41.4	46.7	50.3	59.6	62.6

