

	MOTOR MAC QI 160 X Parametros motor / Motor parameters	Data 01/12/2014
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PLACA DE CARACTERÍSTICAS / NAMEPLATE DATA

	QI 160 X Bob. A41	QI 160 X Bob. B41	QI 160 X Bob. C41	QI 160 X Bob. D41	QI 160 X Bob. E41	QI 160 X Bob. F41	QI 160 X Bob. G41	QI 160 X Bob. H41	QI 160 X Bob. E42	QI 160 X Bob. F42	QI 160 X Bob. G42	QI 160 X Bob. H42
Nm	640	640	640	640	640	640	640	640	620	600	570	520
rpm	515	604	723	874	1113	1264	1503	1804	1955	2255	2646	3218
KW	34.5	40.5	48.5	58.6	74.6	84.7	100.7	120.9	126.9	141.7	157.9	175.2
V	400	400	400	400	400	400	400	400	400	400	400	400
A	69.4	78.8	91.4	109.3	135.9	155.7	180.8	217.0	229.2	254.7	285.4	318.3
Hz	18.0	21.0	25.0	30.0	38.0	43.0	51.0	61.0	66.0	76.0	89.0	108.0
Cos fi	0.84	0.84	0.86	0.85	0.85	0.84	0.85	0.85	0.84	0.84	0.83	0.82
Rend / eff.	0.86	0.88	0.90	0.91	0.93	0.93	0.94	0.95	0.95	0.96	0.96	0.97
J (Kg m2)	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / PHASE STAR EQUIVALENT SCHEMA

	QI 160 X Bob. A41	QI 160 X Bob. B41	QI 160 X Bob. C41	QI 160 X Bob. D41	QI 160 X Bob. E41	QI 160 X Bob. F41	QI 160 X Bob. G41	QI 160 X Bob. H41	QI 160 X Bob. E42	QI 160 X Bob. F42	QI 160 X Bob. G42	QI 160 X Bob. H42
Rs (mOhm)	206.47	157.21	115.89	79.71	51.62	38.92	28.97	20.16	17.21	12.97	9.66	6.72
Rr (mOhm)	165.53	126.73	93.11	64.66	41.38	31.68	23.28	16.16	13.79	10.56	7.76	5.39
Rfe (Ohm)	461.83	406.71	345.85	282.80	219.83	185.65	155.36	122.94	110.88	93.41	75.95	59.24
Ls (mH)	2.09	1.60	1.18	0.82	0.52	0.40	0.29	0.20	0.17	0.13	0.10	0.07
Lr (mH)	2.09	1.57	1.13	0.79	0.50	0.39	0.28	0.20	0.17	0.13	0.10	0.07
Lm (mH)	58.49	46.30	35.44	24.15	15.84	11.52	8.90	6.03	5.10	3.97	2.93	2.10
Ts (s)	0.29	0.30	0.32	0.31	0.32	0.31	0.32	0.31	0.31	0.32	0.31	0.32
Tr (s)	0.37	0.38	0.39	0.39	0.39	0.38	0.39	0.39	0.38	0.39	0.39	0.40
Kt	123.06	107.67	92.29	76.91	61.53	53.84	46.15	38.46	35.52	31.08	26.64	22.20
Im (A/fase)	31.8	34.7	38.3	47.2	52.2	69.7	76.5	94.6	103.5	115.7	134.3	155.5

