



MOTOR MAC QI 160 P

Parámetros motor / Motor parameters

Fecha - Date 01-12-14

PLACA DE CARACTERÍSTICAS / NAMEPLATE DATA

	QI 160 P Bob. A41	QI 160 P Bob. B41	QI 160 P Bob. C41	QI 160 P Bob. D41	QI 160 P Bob. E41	QI 160 P Bob. F41	QI 160 P Bob. G41	QI 160 P Bob. H41	QI 160 P Bob. I41	QI 160 P Bob. F42	QI 160 P Bob. G42	QI 160 P Bob. H42
Nm	570	570	570	570	570	570	570	570	570	550	530	510
rpm	513	693	814	993	1113	1263	1443	1684	2043	2224	2555	2976
KW	30.6	41.4	48.6	59.3	66.4	75.4	86.1	100.5	121.9	128.1	141.8	158.9
V	400	400	400	400	400	400	400	400	400	400	400	400
A	57.0	75.2	87.1	104.9	116.4	130.9	149.4	174.3	208.9	219.3	242.9	274.6
Hz	18.0	24.0	28.0	34.0	38.0	43.0	49.0	57.0	69.0	75.0	86.0	100.0
Cos fi	0.89	0.88	0.88	0.88	0.88	0.89	0.88	0.88	0.88	0.88	0.88	0.87
Rend / eff.	0.87	0.90	0.91	0.92	0.93	0.94	0.94	0.95	0.96	0.96	0.96	0.97
J (Kg m2)	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894	0.3894

ESQUEMA EQUIVALENTE POR FASE EN ESTRELLA / PHASE STAR EQUIVALENT SCHEMA

	QI 160 P Bob. A41	QI 160 P Bob. B41	QI 160 P Bob. C41	QI 160 P Bob. D41	QI 160 P Bob. E41	QI 160 P Bob. F41	QI 160 P Bob. G41	QI 160 P Bob. H41	QI 160 P Bob. I41	QI 160 P Bob. F42	QI 160 P Bob. G42	QI 160 P Bob. H42
Rs (mOhm)	236.06	140.73	103.83	72.05	58.11	46.15	35.18	25.69	18.01	15.38	11.73	8.56
Rr (mOhm)	187.99	113.72	83.55	58.02	47.00	37.13	28.43	20.89	14.51	12.38	9.48	6.96
Rfe (Ohm)	518.79	406.05	342.86	278.52	246.93	215.16	182.14	149.67	118.89	107.33	89.80	72.37
Ls (mH)	2.65	1.60	1.18	0.82	0.66	0.52	0.40	0.29	0.20	0.17	0.13	0.10
Lr (mH)	2.37	1.48	1.09	0.75	0.61	0.48	0.37	0.27	0.19	0.16	0.12	0.09
Lm (mH)	89.84	53.10	39.10	27.03	22.15	17.72	13.21	9.45	6.74	5.81	4.46	3.20
Ts (s)	0.39	0.39	0.39	0.39	0.39	0.40	0.39	0.38	0.39	0.39	0.39	0.38
Tr (s)	0.49	0.48	0.48	0.48	0.48	0.49	0.48	0.47	0.48	0.48	0.48	0.47
Kt	138.44	107.67	92.29	76.91	69.22	61.53	53.84	46.15	38.46	35.52	31.08	26.64
Im (A/fase)	20.3	26.6	31.2	37.5	41.0	45.5	53.7	64.6	75.2	80.4	91.5	110.0

