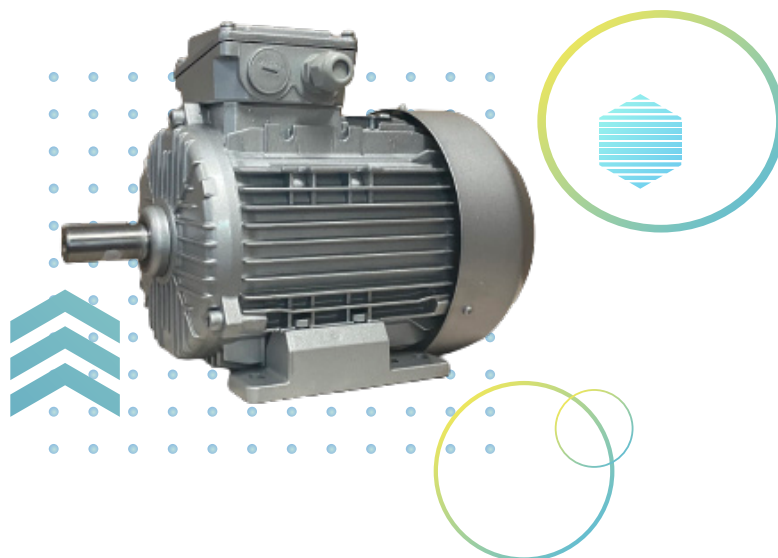


CATÁLOGO DE PRODUCTOS

Motores Vematesa

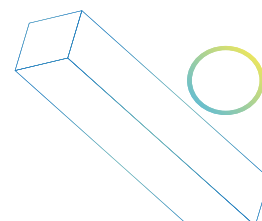
Trifásicos VTB y 2VTB 2 Polos

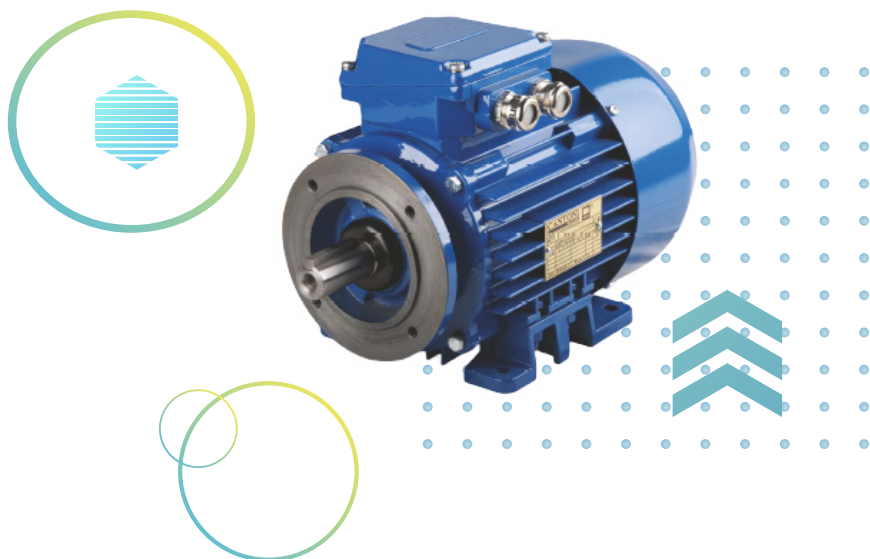
Potencias: Desde 0.18 kW
 Voltaje estándar: 400 V (otras tensiones opcionales)
 Frecuencia: 50 Hz
 Velocidad: 3.000 RPM
 Tamaños Frame: 63 a 132
 Montajes: IMB3 - IMB5 - IMB14 - IMB35
 Eficiencia: IE2 (desde 1 Hp)



Datos Técnicos de Motor modelo VTB y 2VTB 2 Polos

Modelo	Potencia Nominal		Velocidad	Torque	Eff(%)	Factor de Potencia	Corriente	Torque de Partida	Corriente de Partida	Torque Máximo	Momento de Inercia	Peso Kg
	KW	HP	RPM	Nm			380V					
VTB 63-2A	0.18	0.25	2760	0.62	65	0.80	0.5	2.1	3.4	2.1	0.000175	3.5
VTB 63-2B	0.25	0.33	2780	0.86	72	0.80	0.65	2.0	3.3	2.5	0.000235	4.1
VTB 71-2A	0.37	0.50	2800	1.262	71	0.77	1.0	2.2	4.4	2.2	0.000389	5.0
VTB 71-2B	0.55	0.75	2790	1.883	75	0.82	1.35	2.0	4.0	2.1	0.000484	6.0
2VTB 80-2A	0.75	1	2840	2.52	79	0.74	2.0	3.2	5.0	3.0	0.0008	8.5
2VTB 80-2B	1.1	1.5	2840	3.7	80	0.75	2.8	3.4	5.5	3.4	0.0011	9.8
2VTB 90S2	1.5	2	2880	5	81.8	0.81	3.4	3.3	7.6	3.4	0.0014	13.9
2VTB 90L2	2.2	3	2870	7.3	83.5	0.81	4.9	3.7	7.3	3.7	0.0016	17.3
2VTB 100L2	3	4	2905	9.8	84.6	0.83	6.5	3.1	8.3	3.3	0.0039	23.0
2VTB 112M2	4	5.5	2915	13.1	86.3	0.87	8.1	2.4	8.5	2.7	0.006	33.5
2VTB 132S2A	5.5	7.5	2930	17.9	87.5	0.90	10.6	2.7	8.8	3.4	0.014	59.5
2VTB 132S2B	7.5	10	2920	24.5	88.6	0.92	14.0	2.7	8.5	3.3	0.017	70.8





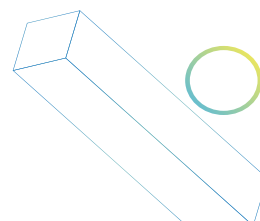
Trifásicos VTB y 2VTB 4 Polos

Potencias: Desde 0.37 kW
 Voltaje estándar: 400 V
 (otras tensiones opcionales)
 Frecuencia: 50 Hz
 Velocidad: 1.500 RPM
 Tamaños Frame: 71 a 315
 Montajes: IMB3 - IMB5 - IMB14 - IMB35
 Eficiencia: IE2 (desde 1 Hp)

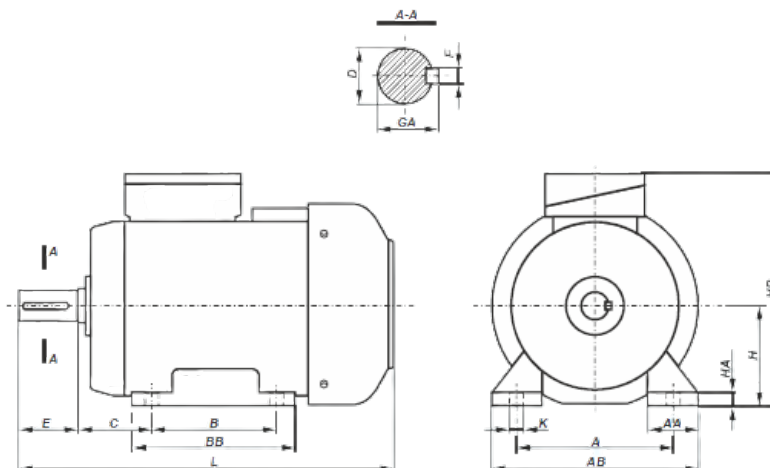
Datos Técnicos de Motor modelo VTB y 2VTB 4 Polos

Modelo	Potencia Nominal		Velocidad	Torque	Eff(%)	Factor de Potencia	Corriente	Torque de Partida	Corriente de Partida	Torque Máximo	Momento de Inercia	Peso Kg
	KW	HP	RPM	Nm			380V					
VTB 63-4B	0.18	0.25	1380	1.25	65	0.65	0.65	2.0	2.6	2.0	0.00031	4.1
VTB 71-4A	0.25	0.33	1380	1.73	66	0.64	0.85	2.0	3.0	2.0	0.00061	4.8
VTB 71-4B	0.37	0.50	1370	2.598	68	0.68	1.3	2.1	3.1	2.1	0.00077	5.9
VTB 80-4A	0.55	0.75	1400	3.75	72	0.71	1.6	2.1	3.6	2.1	0.000158	7.5
2VTB 80-4B	0.75	1	1400	5.12	80	0.65	2.3	3.1	4.2	3.2	0.000209	9.6
2VTB 90S4	1.1	1.5	1425	7.4	81.4	0.76	2.7	2.4	5.7	2.8	0.0029	16.3
2VTB 90L4	1.5	2	1425	10.1	82.8	0.76	3.6	2.6	6.2	2.9	0.00036	18
2VTB 100L4A	2.2	3	1440	14.6	84.7	0.83	4.8	2.4	7.3	2.8	0.007	25.5
2VTB 100L4B	3	4	1445	19.8	85.5	0.75	7.1	3.1	8.0	3.2	0.0076	27.5
2VTB 112M4	4	5.5	1450	26.3	87.0	0.79	8.8	2.0	6.7	2.9	0.0115	35.5
2VTB 132S4	5.5	7.5	1460	36	88.0	0.80	11.9	2.4	8.3	3.1	0.031	69
2VTB 132M4	7.5	10	1460	49.1	88.7	0.80	16.1	2.5	7.7	3.3	0.036	73.5

Datos Técnicos de Motor modelo CDF 4 Polos



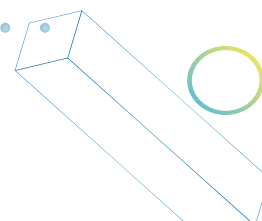
Dimensiones motor Vematesa Trifásico IM B3 Patas Frame 63 a 132



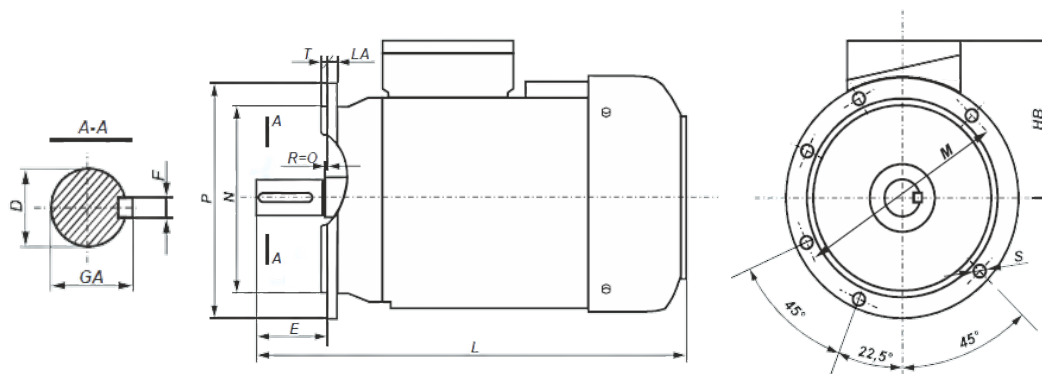
Frame Motor	A	B	C	D	E	F	GA	H	K	AA	AB	BB	HA	HD	L
VTB 63-.A	100	80	40	11j6	23	4h9	12.5	63	10	36	124	106	8.5	165	200
VTB 63-.B	100	80	40	11j6	23	4h9	12.5	63	10	36	124	106	8.5	165	210
VTB 71-.A	112	90	45	14j6	30	5h9	16	71	10	45	142	116	8	182	223
VTB 71-.B	112	90	45	14j6	30	5h9	16	71	10	45	142	116	8	182	245
VTB 80-.A	125	100	50	19j6	40	6h9	21.5	80	10	55	160	130	9	200	266
VTB 80-.B	125	100	50	19j6	40	6h9	21.5	80	10	55	160	130	9	200	278
2VTB 80-.A	125	100	50	19j6	40	6h9	21.5	80	10	55	160	130	9	200	266
2VTB 80-.B	125	100	50	19j6	40	6h9	21.5	80	10	55	160	130	9	200	278
2VTB 90S-2,4,6	140	100	56	24j6	50	8h9	27	90	10	41	170	153	10	228	331
2VTB 90L-2	140	125	56	24j6	50	8h9	27	90	10	41	170	153	10	228	331
2VTB 90L-4,6	140	125	56	24j6	50	8h9	27	90	10	41	170	153	10	228	356
2VTB 100L-2,6	160	140	63	28j6	60	8h9	31	100	12	44	197	174	14	250	377
2VTB 100L-4A,4B	160	140	63	28j6	60	8h9	31	100	12	44	197	174	14	250	421
2VTB 112M-2,6	190	140	70	28j6	60	8h9	31	112	12	49	230	174	14	276	385
2VTB 112M-4	190	140	70	28j6	60	8h9	31	112	12	49	230	174	14	276	416
2VTB 132S-2A,6	216	140	89	38k6	80	10h9	41	132	12	62	274	182	17	310	461
2VTB 132S-2B,4	216	140	89	38k6	80	10h9	41	132	12	62	274	182	17	310	499
2VTB 132M-4,6A,6B	216	178	89	38k6	80	10h9	41	132	12	62	274	220	17	310	499



Sistema de Motor modular CDF 4 Pole



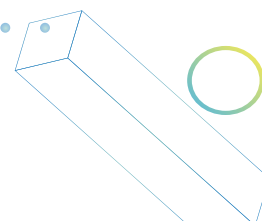
Dimensiones motor Vematesa Trifásico IM B5 Frame 63 a 132



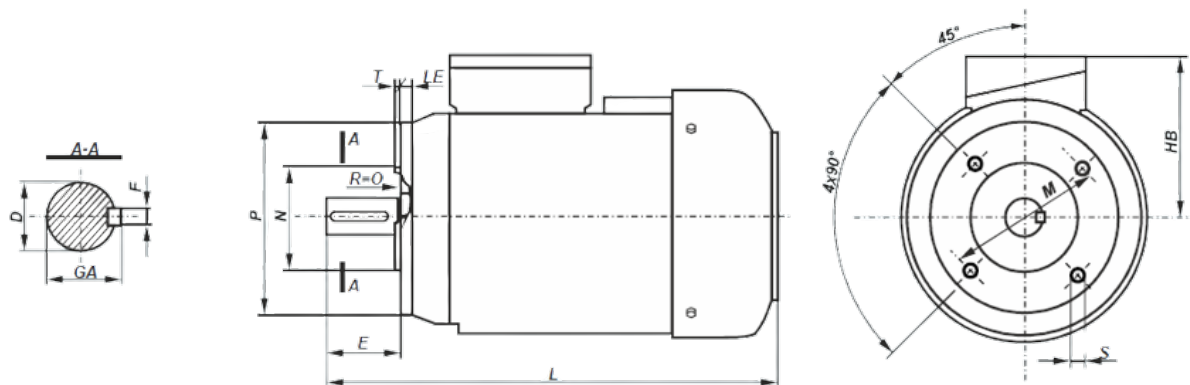
Frame Motor	D	E	F	GA	M	N	P	LA	T	HB	L	S	S (hoyos)
VTB 63-.A	11j6	23	4h9	12.5	115	95j6	140	9	3	102	200	10	4
VTB 63-.B	11j6	23	4h9	12.5	115	95j6	140	9	3	102	210	10	4
VTB 71-.A	14j6	30	5h9	16	130	110j6	160	9	3.5	111	223	10	4
VTB 71-.B	14j6	30	5h9	16	130	110j6	160	9	3.5	111	245	10	4
VTB 80-.A	19j6	40	6h9	21.5	165	130j6	200	10	3.5	120	266	12	4
VTB 80-.B	19j6	40	6h9	21.5	165	130j6	200	10	3.5	120	278	12	4
2VTB 80-.A	19j6	40	6h9	21.5	165	130j6	200	10	3.5	120	266	12	4
2VTB 80-.B	19j6	40	6h9	21.5	165	130j6	200	10	3.5	120	278	12	4
2VTB 90S-2,4,6	24j6	50	8h9	27	165	130j6	200	8	3.5	139	331	12	4
2VTB 90L-2	24j6	50	8h9	27	165	130j6	200	8	3.5	139	331	12	4
2VTB 90L-4,6	24j6	50	8h9	27	165	130j6	200	8	3.5	139	356	12	4
2VTB 100L-2,6	28j6	60	8h9	31	215	180j6	250	11	4	150	377	15	4
2VTB 100L-4A,4B	28j6	60	8h9	31	215	180j6	250	11	4	150	421	15	4
2VTB 112M-2,6	28j6	60	8h9	31	215	180j6	250	12	4	165	385	15	4
2VTB 112M-4	28j6	60	8h9	31	215	180j6	250	12	4	165	416	15	4
2VTB 132S-2A,6	38k6	80	10h9	41	265	230j6	300	12	4	178	461	15	4
2VTB 132S-2B,4	38k6	80	10h9	41	265	230j6	300	12	4	178	499	15	4
2VTB 132M-4,6A,6B	38k6	80	10h9	41	265	230j6	300	12	4	178	499	15	4



Diagrama Técnico de Motor trifásico CDP-4 Polos



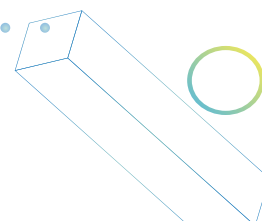
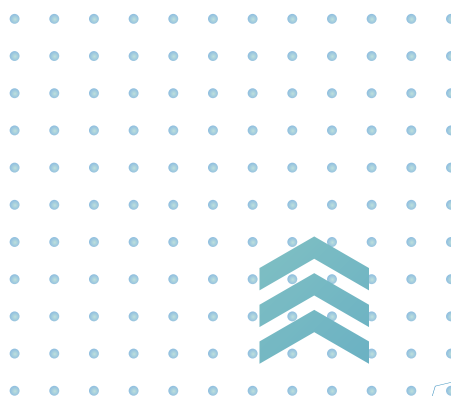
Dimensiones motor Vematesa Trifásico IM B14 Frame 63 a 132



Frame Motor	D	E	F	GA	M	N	P	S	T	LE	HB	L
VTB 63-.B2	11j6	23	4h9	12.5	75	60j6	90	M5	2.5	9.5	102	210
VTB 71-.B2	14j6	30	5h9	16	85	70j6	105	M6	2.5	12	111	245
VTB 80-.B2	19j6	40	6h9	21.5	100	80j6	120	M6	3	12	120	278
2VTB 90S-2,4,6	24j6	50	8h9	27	115	95j6	140	M8	3	10	139	331
2VTB 100L-4A,4B	28j6	60	8h9	31	130	110j6	160	M8	3.5	12	150	421
2VTB 112M4	28j6	60	8h9	31	130	110j6	160	M8	3.5	12	165	416
2VTB 132M-4,6A,6B	38j6	80	10h9	41	165	130j6	200	M10	3.5	12	178	499

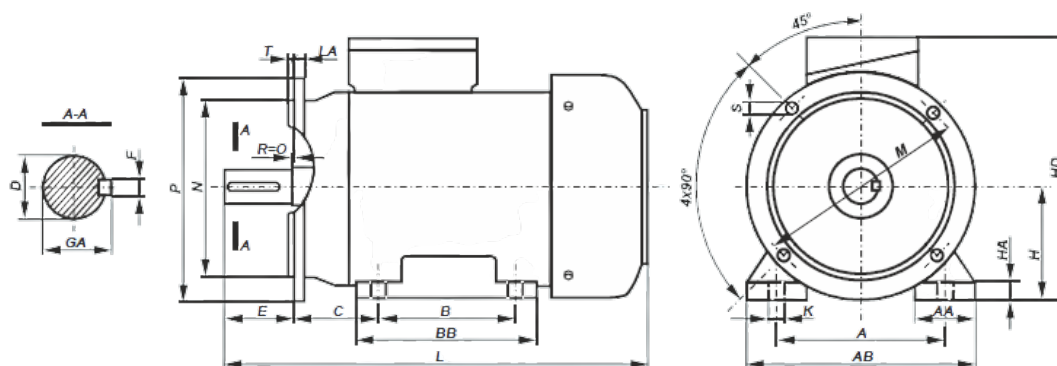


Costos Técnicos de Motor modelo CDF 4 Poles

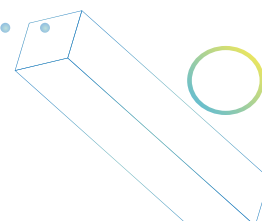
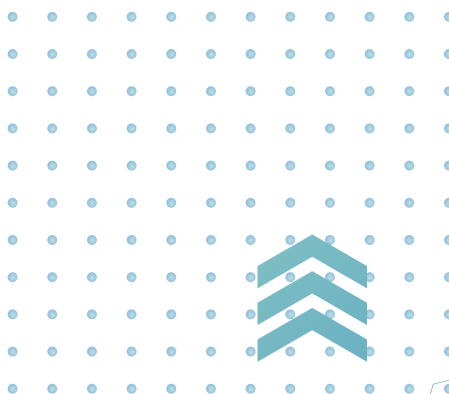


Dimensiones motor Vematesa Trifásico IM B35 - Patas y Flange IM B5

Frame 63 a 132

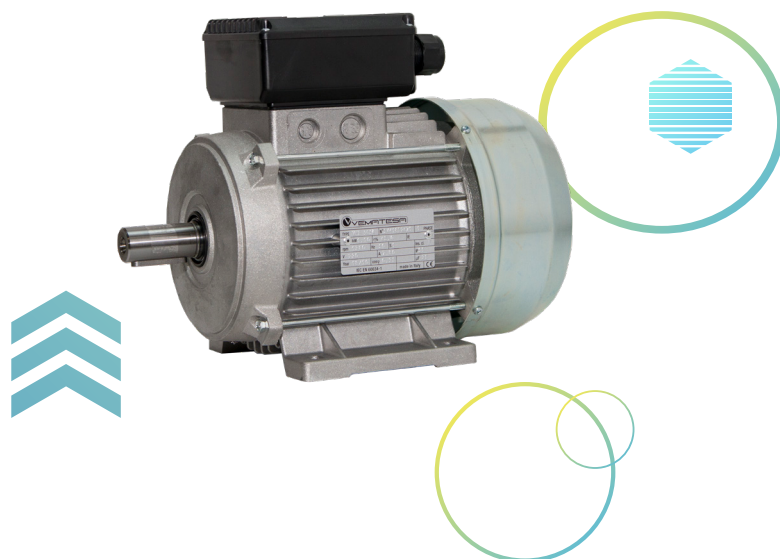


Frame Motor	A	B	C	D	E	F	GA	H	K	M	N	P	S	LA	T	AA	AB	BB	HA	HD	L
VTB 63-.A	100	80	40	11j6	23	4h9	12.5	63	10	115	95j6	140	10	9	3	36	124	106	8.5	165	200
VTB 63-.B	100	80	40	11j6	23	4h9	12.5	63	10	115	95j6	140	10	9	3	36	124	106	8.5	165	210
VTB 71-.A	112	90	45	14j6	30	5h9	16	71	10	130	110j6	160	10	9	3.5	45	142	116	8	182	223
VTB 71-.B	112	90	45	14j6	30	5h9	16	71	10	130	110j6	160	10	9	3.5	45	142	116	8	182	245
VTB 80-.A	125	100	50	19j6	40	6h9	21.5	80	10	165	130j6	200	12	10	3.5	55	160	130	9	200	266
VTB 80-.A	125	100	50	19j6	40	6h9	21.5	80	10	165	130j6	200	12	10	3.5	55	160	130	9	200	278
2VTB 80-.A	125	100	50	19j6	40	6h9	21.5	80	10	165	130j6	200	12	10	3.5	55	160	130	9	200	266
2VTB 80-.B	125	100	50	19j6	40	6h9	21.5	80	10	165	130j6	200	12	10	3.5	55	160	130	9	200	278
2VTB 90S-2,4,6	140	100	56	24j6	50	8h9	27	90	10	165	130j6	200	12	8	3.5	41	170	153	10	228	331
2VTB 90L-2	140	125	56	24j6	50	8h9	27	90	10	165	130j6	200	12	8	3.5	41	170	153	10	228	331
2VTB 90L-4,6	140	125	56	24j6	50	8h9	27	90	10	165	130j6	200	12	8	3.5	41	170	153	10	228	356
2VTB 100L-2,6	160	140	63	28j6	60	8h9	31	100	12	215	180j6	250	15	11	4	44	197	174	14	250	377
2VTB 100L-4A,4B	160	140	63	28j6	60	8h9	31	100	12	215	180j6	250	15	11	4	44	197	174	14	250	421
2VTB 112M-2,6	190	140	70	28j6	60	8h9	31	112	12	215	180j6	250	15	12	4	49	230	174	14	276	385
2VTB 112M-4	190	140	70	28j6	60	8h9	31	112	12	215	180j6	250	15	12	4	49	230	174	14	276	416
2VTB 132S-2A,6	216	140	89	38k6	80	10h9	41	132	12	265	230j6	300	15	12	4	62	274	182	17	310	461
2VTB 132S-2B,4	216	140	89	38k6	80	10h9	41	132	12	265	230j6	300	15	12	4	62	274	182	17	310	499
2VTB 132M-4,6A,6B	216	178	89	38k6	80	10h9	41	132	12	265	230j6	300	15	12	4	62	274	220	17	310	499



Monofásicos VMB 2 y 4 polos

Potencias: Desde 0.18 kW
Voltaje estándar: 220 V
Frecuencia: 50 Hz
Velocidad: 3.000/1.500 RPM
Tamaños Frame: 63 a 100
Montajes: IMB3 - IMB34 - IMB35



Datos Técnicos de Motor modelo VMB 2 y 4 Polos

Modelo	Potencia Nominal		Velocidad	Corriente Nominal	Eficiencia	Factor de Potencia	Corriente de Partida	Torque de Partida		Momento de Inercia	Condensador capacidad µf	Peso Kg		
	KW	HP						RPM	230V			η %	cos α	IL / IN
2 Polos														
VMB 63-2B	0.18	0.25	2760	1.65	58	0.89	2.7	2.0	2.6	0.000235	8.0	4.4	4.6	4.8
VMB 63-2C	0.25	0.33	2800	1.85	65	0.95	3.1	2.0	3.0	0.000310	10.0	5.2	5.4	5.6
VMB 71-2B	0.37	0.50	2800	3.10	62	0.88	2.7	2.1	3.1	0.000536	12.0	6.3	6.5	6.7
VMB 71-2C	0.55	0.75	2780	3.60	70	0.93	3.2	2.1	3.6	0.000691	20.0	7.7	7.9	8.1
VMB 80-2B	0.75	1	2820	5.20	68	0.96	3.7	3.1	4.2	0.001115	25.0	10.6	10.8	11.0
VMB 80-2C	1.1	1.5	2820	7.90	74	0.86	3.9	2.4	5.7	0.001422	30.0	12.2	12.4	12.6
VMB 90S-2	1.5	2	2820	9.50	76	0.96	3.6	2.6	6.2	0.0066	50.0	14.5	15.0	15.5
VMB 90LL-2	2.2	3	2830	13.5	75	0.95	3.9	2.4	7.3	0.0088	70.0	18.2	18.7	19.2
4 Polos														
VMB 63-4C	0.18	0.25	1350	1.65	58	0.86	2.3	0.8	1.6	0.000380	8.0	5.1	5.3	5.5
VMB 71-4B	0.25	0.33	1350	2.50	58	0.82	2.0	0.9	1.7	0.000852	8.0	6.3	6.5	6.7
VMB 71-4C	0.37	0.50	1350	3.30	65	0.84	2.5	0.7	1.6	0.001099	12.0	7.4	7.7	8.0
VMB 80-4B	0.55	0.75	1370	4.40	65	0.88	2.6	0.65	1.7	0.002080	20.0	10.3	10.5	10.7
VMB 80-4C	0.75	1	1370	5.60	67	0.90	2.9	0.6	1.7	0.002652	25.0	12.2	12.4	12.6
VMB 90S-4	1.1	1.5	1380	7.70	65	0.95	3.2	0.65	1.9	0.0180	30.0	13.2	13.8	14.3
VMB 90L-4	1.5	2	1380	10.0	68	0.96	3.2	0.7	1.8	0.0210	40.0	15.2	15.8	15.3
VMB 90L-4	2.2	3	1400	14.0	74	0.96	3.5	0.65	1.6	0.00925	60.0	21.0	21.6	22.2



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