Carpanelli AC-Motorer

BONDY

INDUSTRIAL EQUIPMENT SUPPLIER

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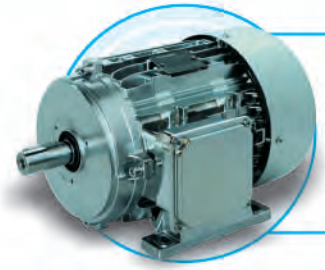
MADE IN ITALY
Since 1947

WIDE EXPERIENCE AND INNOVATION FOR INFINITY APPLICATION

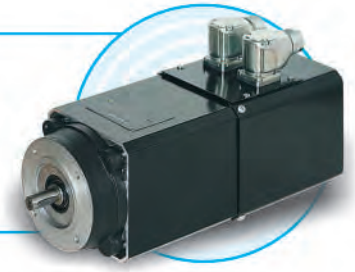
Carpanelli
Motori elettrici

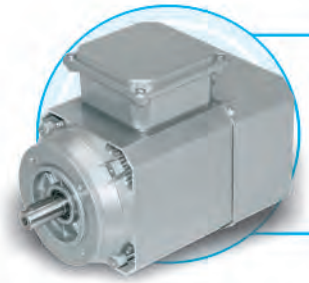
STANDARD ELECTRIC MOTORS



SERIES M 3 phase motors
SERIES DP pole changing motors
SERIES ME - MRE
Hight efficiency IE2 e IE3

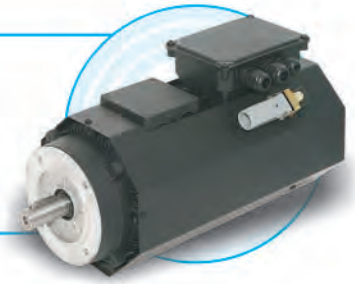
SERIES MVS -MVC
Flux vector motors





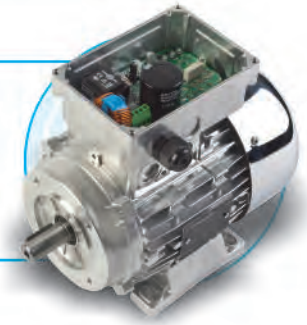
SERIES MQ
3 phase motors
with square casing

SERIES MII
Motors with
integral inverter



SERIES MM
1 phase motors

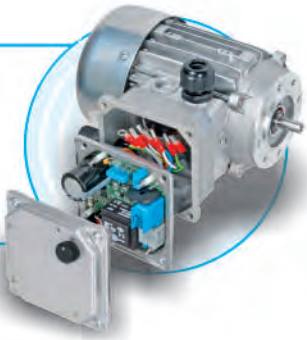
MINIVERT
Small terminal
Motors inverter



SINGLE PHASE MOTORS

SERIES MDV With voltage relay
SERIES MDC Centrifugal switch
SERIES MDE Electronic relay

MICROVERT
Micro terminal
box inverter



SERIES MV Flux vector
SERIES CFV Drive controls

MOTORS WITH ENCODER
From 1 to 65536
pulse/revolution

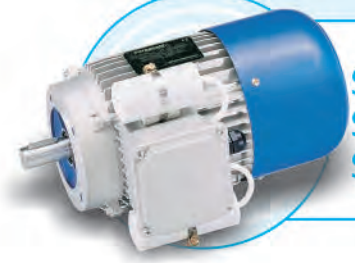
STANDARD ELECTRIC MOTORS

SERIES MA
3 phase brake motors

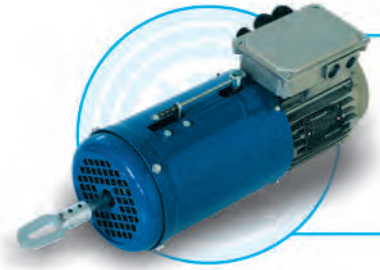
SERIES MADP
3 phase pole changing brake

SERIES MMA
1 phase brake motors

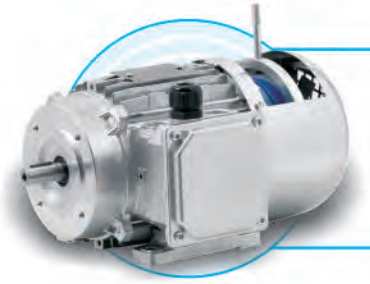
SINGLE PHASE BRAKE MOTORS



SERIES MADV With voltage relay
SERIES MADC Centrifugal switch
SERIES MADE Electronic relay



DAM
Brake motors for door operators

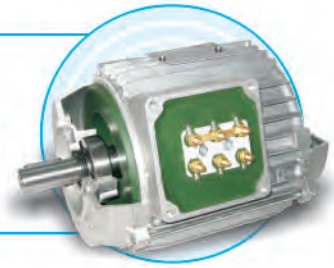


SERIES M.A.I.
Brake motors for use with inverter

BRAKE MOTORS WITH ENCODER

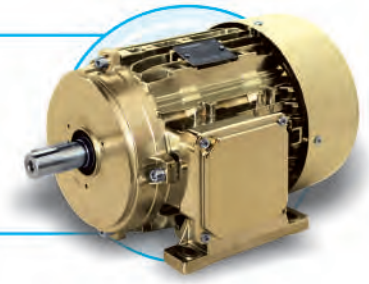
BRAKES
AC & DC from 4 Nm - 100 Nm

MOTORS WITH RESIN IMPREGNATET WINDINGS



MOTORS WITH ANTI-SALT PROTECTION

SPECIAL PAINT FINISH ON REQUEST



SPECIAL ELECTRIC MOTORS

SPECIAL APPLICATIONS

With blower
With plastic terminal box
With rain cowl
Hollow shaft for pumps
With flange to customers drawing
Gear cut shaft for worm or helical gearboxes
High slip motors for textile machinery

CUSTOM FOOD AND CATERING ELECTRIC MOTORS

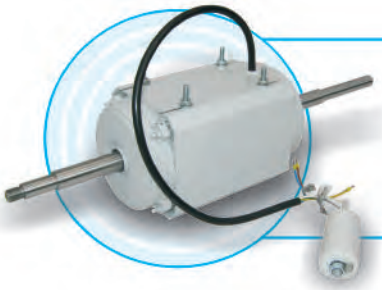
Meat & coffee grinding & grating
Juice extractor & ice cream machines
Blender - saws pasta machines
Food mixers - potato peelers & chippers
Waste disposal & recycling

ELECTRIC MOTORS FOR AUTOMATIC MACHINERY

Hollow shaft motors
Motors with square casing and rear terminal box
Motors with square casing and encoder
Motors with square flange & square casing
Motors with capacitors enclosed in terminal box

ELECTRIC MOTORS
to solve problem application

STAINLESS STEEL MOTORS



DOUBLE SHAFT

WINE PUMP TECHNOLOGY

SERVOMOTORS WITH ENCODER RESOLVER FOR AUTOMATION

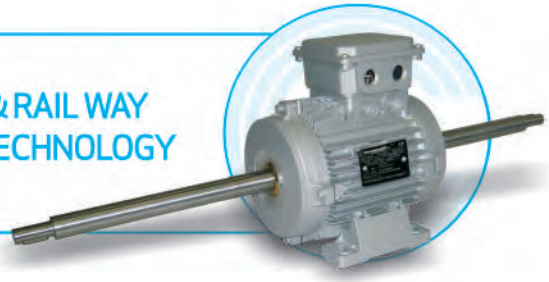
FARM MACHINE TECHNOLOGY

HOLLOW SHAFT MOTORS

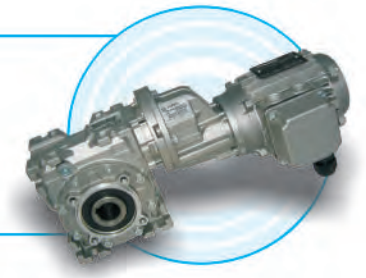
GEARED MOTORS FOR MACHINING NATURAL STONES

BRAKE MOTORS FOR BUILDING CONSTRUCTIONS

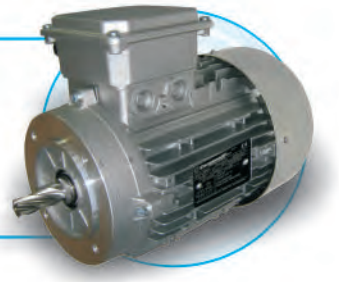
TRAIN & RAIL WAY MOTOR TECHNOLOGY



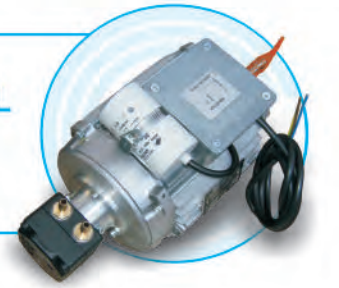
GEARBOX MOTORS



MOTORS WITH GEAR CUT SHAFT



MOTORS WITH SPECIAL FLANGE & SHAFT FOR PUMP



Carpanelli
Motori elettrici

Carpanelli Motori Elettrici S.p.a

via 2 Agosto 1980 n. 5
40016 S. Giorgio di Piano
Bologna - Italy

Tel. +39 051 8902811
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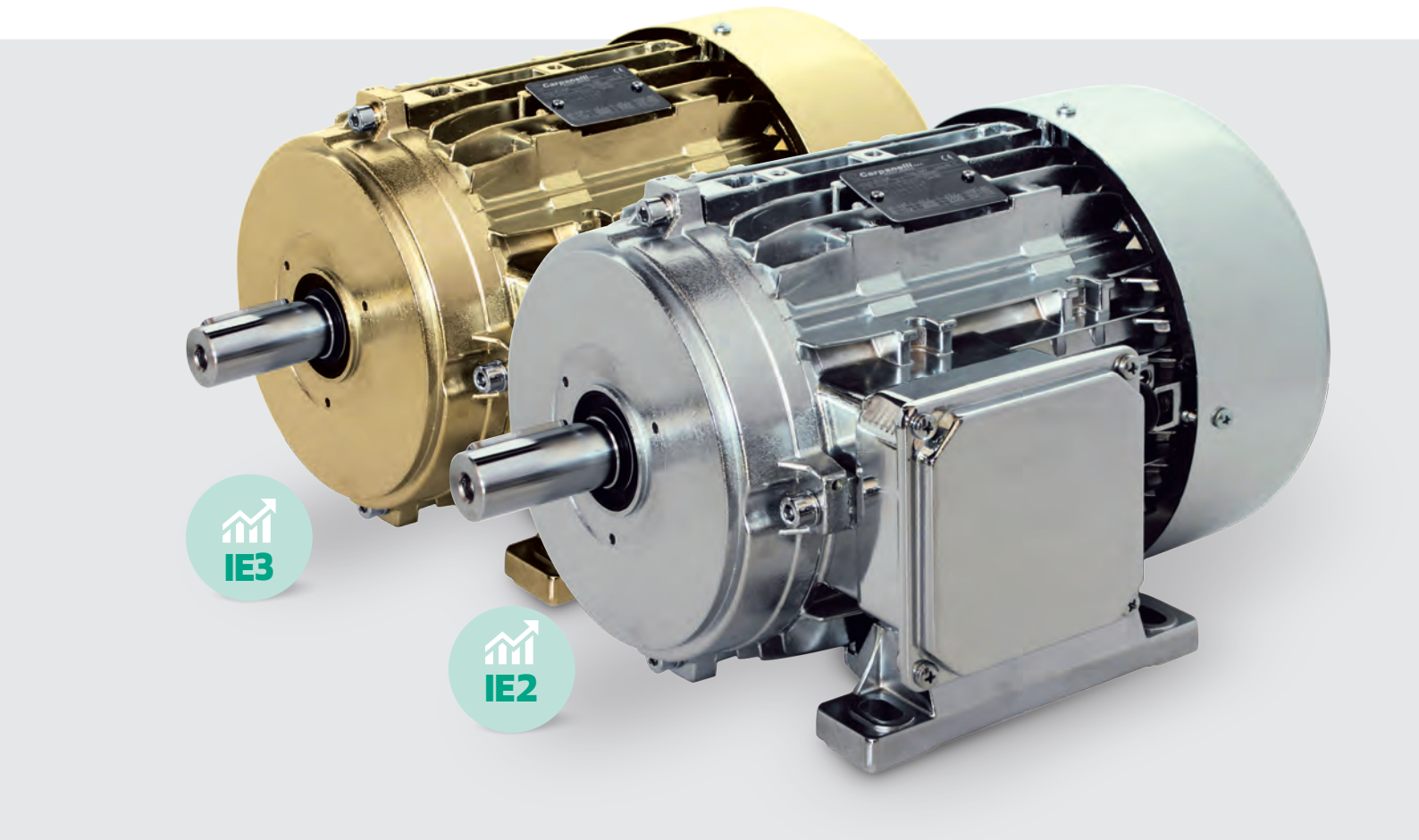
MOTEURS HAUTE EFFICIENCE
HOCHEFFIZIENTE MOTOREN



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MOTORI AD ALTA EFFICIENZA
HIGH EFFICIENCY MOTORS
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IE2

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		Kw	Hp	rpm	Eff. %	A.	FI	Cn Nm.	J g*m²	Cs/Cn	As/An
2 POLI	**ME80a2**	0,75	1	2850	81,3	1,6	0,86	2,5	1000	3,6	6,9
2 POLES	**ME80b2**	1,1	1,5	2850	81,2	2,2	0,88	3,7	1080	3,4	6,9
2 PÔLES	**ME80c2**	1,5	2	2870	81,3	3,4	0,80	5	1080	4,5	7,7
2 POLIG	**ME90sa2**	1,5	2	2900	81,3	3,4	0,81	5	1350	5	9,1
	ME90La2	2,2	3	2880	83,2	4,8	0,83	7,4	1650	3,8	8,9
	ME100a2	3	4	2910	85,4	6	0,83	9,6	2840	4	10,1
	ME100b2	4	5,5	2870	85,8	8,5	0,82	13,2	3200	3,8	7,6
	ME112a2	4	5,5	2900	86,7	8	0,84	13,2	4880	3,5	8,6
	ME112b2	5,5	7,5	2910	87	11,7	0,79	18,1	5470	3,2	8,5
	ME132sa2	5,5	7,5	2940	87	10,9	0,84	17,9	11700	4,1	10,3
	ME132La2	7,5	10	2940	88,7	14,4	0,85	24,3	14950	3,4	8,4
	ME132Lb2	9,3	12,5	2940	88,9	18,7	0,81	30,3	16580	6	12
	ME132Lc2	11	15	2930	89,4	21,2	0,84	35,6	16580	5	10,7
	ME160La2	11	15	2970	89,4	20,2	0,89	35,5	41000	5,5	11
4 POLI	**ME80a4**	0,75	1	1430	79,6	1,8	0,76	5	2090	3,2	5,8
4 POLES	**ME80b4**	1,1	1,5	1420	81,4	2,5	0,8	7,3	3080	2,7	5,7
4 PÔLES	**ME90sa4**	1,1	1,5	1430	83	2,5	0,77	7,3	2450	3,7	7,1
4 POLIG	**ME90La4**	1,5	2	1410	82,8	3,4	0,8	10,1	2570	3,3	6,4
	ME90Lb4	1,87	2,5	1410	83,7	4	0,82	12,7	2800	3,5	6,3
	ME100a4	2,2	3	1420	84,3	4,7	0,81	14,7	5350	2,9	6,3
	ME100b4	3	4	1420	85,5	6,3	0,81	20	5950	3,3	6,6
	ME112a4	4	5,5	1430	86,6	8,9	0,76	26,6	14400	3,7	6,2
	ME112b4	5,5	7,5	1430	87,7	11,6	0,79	36,6	16600	3,6	8,3
	ME132La4	5,5	7,5	1460	88,8	10,6	0,84	35,8	30200	4	9,2
	ME132Lb4	7,5	10	1450	89,8	14,7	0,82	49,3	32000	4,1	8,6
	ME132Lc4	9,3	12,5	1440	89,3	18,4	0,82	61,5	32000	4	8
	ME160La4	11	15	1470	91,3	22,1	0,79	71,2	82000	4	8,9
6 POLI	**ME90sa6**	0,75	1	920	75,9	1,9	0,76	7,8	4000	2,4	4,7
6 POLES	**ME90La6**	1,1	1,5	930	78,1	3	0,7	11,2	4980	2,8	5,1
6 PÔLES	**ME100b6**	1,5	2	940	79,8	3,6	0,77	15,1	5950	2,4	5,9
6 POLIG	**ME112a6**	2,2	3	960	82,8	5,5	0,69	21,5	10500	2,8	7
	ME112b6	3	4	950	83,3	6,9	0,77	30,3	12200	2,4	6,8
	ME132sa6	3	4	960	83,3	7	0,76	29,8	26900	2,5	7,3
	ME132La6	4	5,5	960	84,6	9,5	0,73	39,8	29400	3,2	6,6
	ME132Lb6	5,5	7,5	960	86	12,7	0,74	54,8	31900	3,1	7

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MRE

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MOTORI AD ALTA EFFICIENZA
HIGH EFFICIENCY MOTORS
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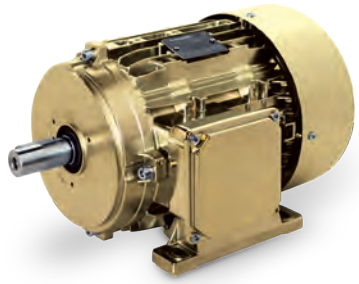
HOCHEFFIZIENTE MOTOREN

IE3



		Kw	Hp	rpm	Eff. %	A.	FI	Cn Nm.	J g*m²	Cs/Cn	As/An
2 POLI 2 POLES 2 PÔLES 2 POLIG	**MRE80a2**	0,75	1	2850	81,3	1,6	0,86	2,5	1000	3,6	6,9
	MRE80b2	1,1	1,5	2850	82,7	2,2	0,88	3,6	1080	3,4	6,9
	MRE90sa2	1,5	2	2880	84,7	3,1	0,84	5	1350	3,9	8,8
	MRE90La2	2,2	3	2900	85,9	4,7	0,8	7,3	1650	4,3	8,6
	MRE100a2	3	4	2920	87,1	6,1	0,82	9,7	2840	4,8	10,7
	MRE112a2	4	5,5	2900	88,1	8	0,84	13,2		3,5	8,6
	MRE132L2	7,5	10	2940	90,1	14,4	0,85	24,3		3,4	8,4
4 POLI 4 POLES 4 PÔLES 4 POLIG	**MRE80a4**	0,75	1	1450	82,5	1,8	0,76	5		3,1	6,2
	MRE80b4	1,1	1,5	1420	84,1	2,4	0,82	7,4		3,5	6,2
	MRE90La4	1,1	1,5	1430	84,1	2,6	0,75	7,4		3,7	7,3
	MRE90Lb4	1,5	2	1430	85,3	3,5	0,74	10		4,3	7,5
	MRE100a4	2,2	3	1430	86,7	4,9	0,77	14,6		4	7,4
	MRE112b4	4	5,5	1440	88,6	8,2	0,8	26		3,6	7,8
	MRE132La4	5,5	7,5	1460	89,6	10,6	0,84	35,7		4	9,2
	MRE132Lb4	7,5	10	1450	90,4	14,7	0,82	49,3		4,1	8,6

Cs	Cn	As	An
Coppia di Spunto Starting Torque Couple de démarrage Anlaufmoment	Coppia Nominale Nominal Torque Couple nominal Nennmoment	Corrente di Spunto Starting Current Courant de démarrage Anlaufstrom	Corrente Nominale Nominal Current Courant nominal Nennstrom

A richiesta, motori secondo norme;
Motors compliant with standards available on request;
Sur demande, moteurs conformes aux normes;
Genormte Motoren auf Wunsch.

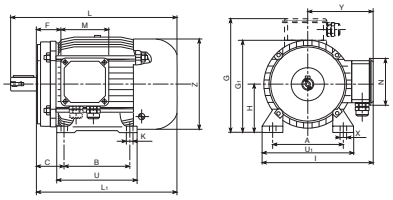
TECHNICAL INFO

ME - MRE

MOTORI AD ALTA EFFICIENZA
HIGH EFFICIENCY MOTORS
MOTEURS HAUTE EFFICIENCE
HOCHEFFIZIENTE MOTOREN

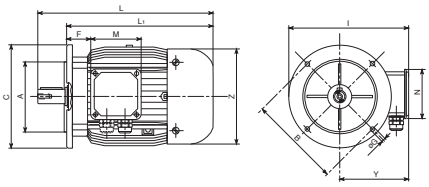
IE2 IE3

B3



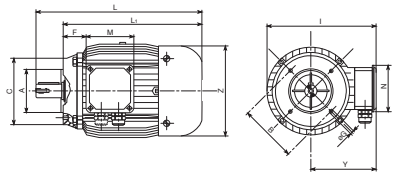
TYPE	A	B	C	F	G	G¹	H	I	L	L¹	M	N	U	U¹	K	X	Y	Z
80	125	100	50	30	221	157	80	218	275	235	110	110	125	154	9,5	17,5	141	156
90S	140	100	56	33	236	177	90	233	300	250	110	110	130	174	9,5	17,5	146	176
90L	140	125	56	33	236	177	90	233	325	275	110	110	155	174	9,5	17,5	146	176
100	160	140	63	40	257	196	100	253	365	305	110	110	175	192	11,2	21,2	157	194
112	190	140	70	45	281	220	112	282	385	325	110	110	175	224	11,2	21,2	169	220
132S	216	140	89	50	327	260	132	325	460	380	124	124	180	260	11,2	21,2	195	256
132L	216	178	89	50	327	260	132	325	490	410	124	124	218	260	11,2	21,2	195	256
160S	254	210	108	90	392	315	160	390	600	490	185	172	260	318	13	23	232	310
160L	254	254	108	90	392	315	160	390	644	534	185	172	304	318	13	23	232	310

B5

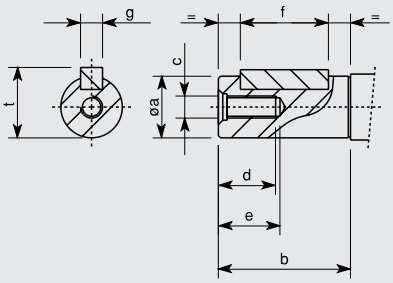


TYPE	A	B	C	F	G	I	L	L¹	M	N	Y	Z
80	130	165	200	30	12	241	275	235	110	110	141	156
90S	130	165	200	33	12	246	300	250	110	110	146	176
90L	130	165	200	33	12	246	325	275	110	110	146	176
100	180	215	250	40	14,5	282	365	305	110	110	157	194
112	180	215	250	45	14,5	295	385	325	110	110	170	220
132S	230	265	300	50	14,5	345	460	380	124	124	195	256
132L	230	265	300	50	14,5	345	490	410	124	124	195	256
160S	250	300	350	90	18,5	407	600	490	185	172	232	310
160L	250	300	350	90	18,5	407	644	534	185	172	232	310

B14



TYPE	A	B	C	F	G	I	L	L¹	M	N	Y	Z
80	80	100	120	30	M6	218	275	235	110	110	141	156
90S	95	115	140	33	M8	233	300	250	110	110	146	176
90L	95	115	140	33	M8	233	325	275	110	110	146	176
100	110	130	160	40	M8	253	365	305	110	110	157	194
112	110	130	160	45	M8	278	385	325	110	110	170	220
132S	130	165	200	50	M10	323	460	380	124	124	195	256
132L	130	165	200	50	M10	323	490	410	124	124	195	256
160S	180	215	252	90	M12	387	600	490	185	172	232	310
160L	180	215	252	90	M12	387	644	534	185	172	232	310



	A	B	C	D	E	F	G	H	T
80	19	40	M6	16	22	30	6	6	21,5
90	24	50	M8	20	28	35	8	7	27
100/112	28	60	M10	25	35	45	8	7	31
132	38	80	M12	32	44	60	10	8	41
160	42	110	M16	32	44	90	12	8	45

Carpanelli Motori elettrici

via 2 Agosto 1980, 5
40016 S. Giorgio di Piano
Bologna - Italy

Tel. +39 051 8902811
Fax +39 051 6651043
info@carpanelli.net

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Vacuum Conveying

Linear

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