

CEAR



MOTORI ELETTRICI A CORRENTE CONTINUA PER APPLICAZIONI INDUSTRIALI

DIRECT CURRENT ELECTRIC MOTORS FOR INDUSTRIAL APPLICATIONS

SERIE MGL NON COMPENSATI

GRANDEZZE 80 - 100 (2 POLI)
GRANDEZZA 112 - 160 (4 POLI)

POTENZE DA 1,6 A 73 KW (a 1500 rpm)
COPPIE DA 10 A 460 Nm

MGL SERIES UNCOMPENSATED

SIZE 80 - 100 (2 POLES)
SIZE 112 - 160 (4 POLES)

POWER FROM 1.6 TO 73 KW (at 1500 rpm)
TORQUE FROM 10 TO 460 Nm





MOTORI ELETTRICI A CORRENTE CONTINUA

DIRECT CURRENT ELECTRIC MOTORS

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PRODUZIONE CEAR

Tutte le macchine costruite dalla ditta CEAR sono conformi alle norme CEI EN 60034-1 classificazione 2-3 fascicolo n°11111 (data di pubblicazione 2011), per le macchine elettriche rotanti ed alle raccomandazioni internazionali IEC.

Il collaudo viene eseguito su ogni macchina, secondo quanto stabilito dalle suddette norme, onde accertarne il corretto funzionamento.

Sono inoltre considerate esecuzioni rispondenti a particolari esigenze delle ditte committenti nel rispetto di eventuali normative estere e della buona regola d'arte.

CEAR PRODUCTION

All motors made by company CEAR are in accordance with the norms CEI EN 60034-1 classification 2-3 fasc. n°11111 (publication date 2011), for the electrical rotating machines and with the IEC international recommendations.

Every motor is tested as established from the above mentioned norms in order to verify the correct operation.

We are at complete disposal for eventual execution of motors answering to particular needs of our customers ever in the respect of eventual foreign norms and executed to art rule.

ISOLAMENTO

I motori della serie MGL e MGLC sono costruiti utilizzando materiali con isolamento in classe H.

La sovratemperatura ammessa per la classe H dalle norme CEI EN 60034-1 classificazione 2-3 fascicolo n°11111 (data pubblicazione 2011), è pari a $\Delta T = 125^\circ\text{C}$.

I motori indicati sul catalogo sono previsti per sovratemperature, relative alla classe F, pari a $\Delta T = 105^\circ\text{C}$.

I motori vengono perciò utilizzati per una sovratemperatura inferiore mediamente del 20% offrendo così un più elevato grado di affidabilità.

INSULATION

Motors of series MGL and MGLC are constructed using material with insulation class H.

The overtemperature admitted for the class from the norms CEI EN 60034-1 classification 2-3 fasc. n°11111 (publication date 2001), is like $\Delta T = 125^\circ\text{C}$.

Motors indicated on the catalogue are provided for overtemperature of class F, like to $\Delta T = 105^\circ\text{C}$.

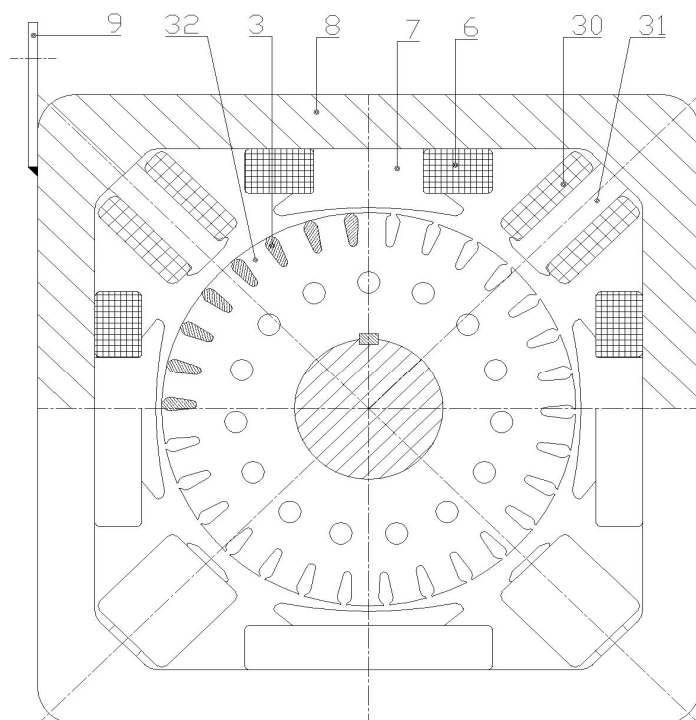
Motors are therefore used for a lower overtemperature of 20% on average, offering an higher reliability level.



Motori Serie MGL
Motoren Serie MGL
Motor Series MGL

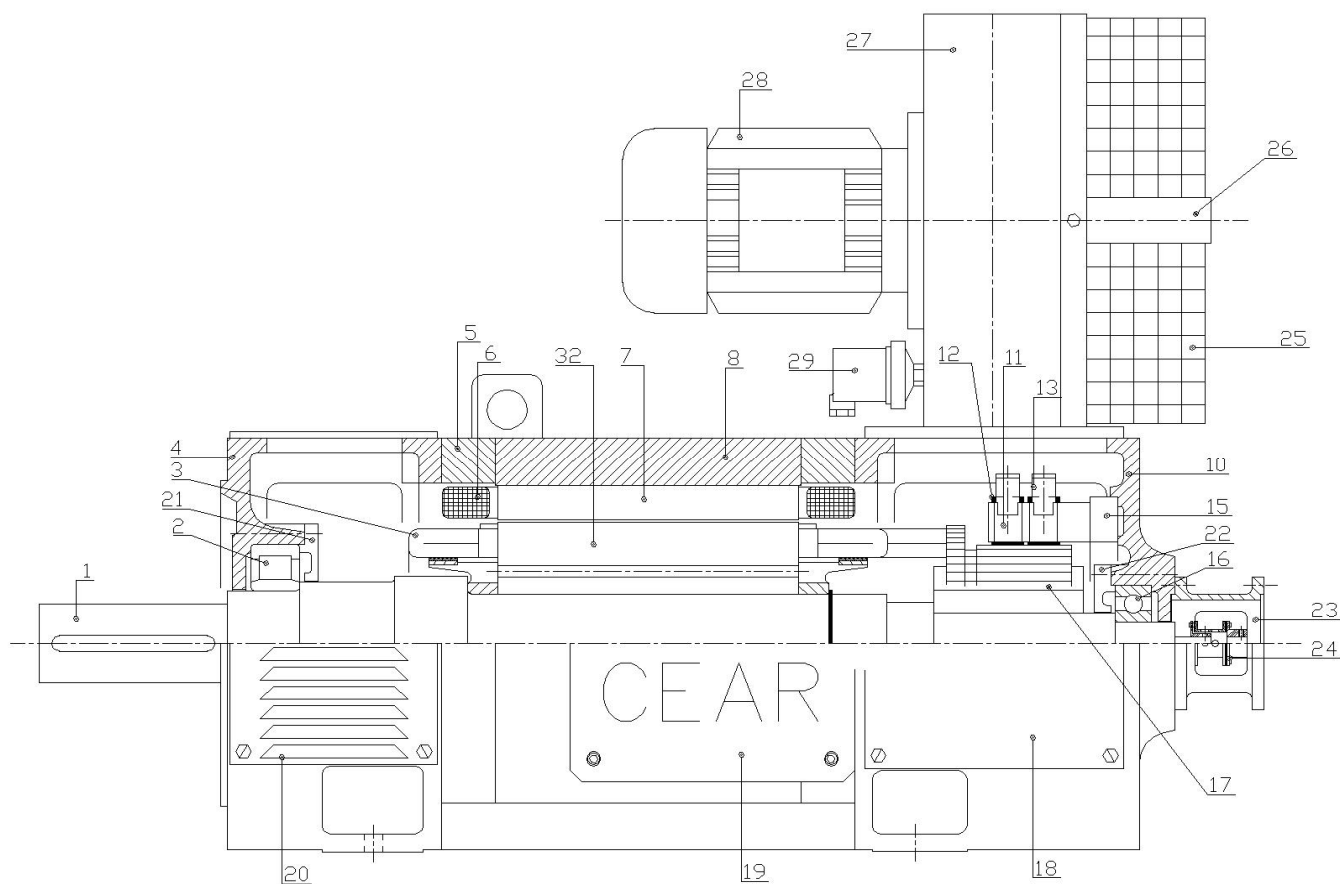
Tabella / Tisch / Tables
N° 3

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N° 1



RAPPRESENTAZIONE GRAFICA
MOTORE SERIE MGL

DRAWINGS
MOTOR SERIAL MGL





Motori Serie MGL
Motoren Serie MGL
Motor Series MGL

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LISTA COMPONENTI

MOTORE SERIE MGL

PARTS LISTS

MOTOR SERIAL MGL

- | | | |
|----|--|------------------------------------|
| 1 | Sporgenza d'albero | Shaft end |
| 2 | Cuscinetto lato accoppiamento | Bearing coupling side |
| 3 | Avvolgimento del rotore | Engine winding up |
| 4 | Scudo lato accoppiamento | Coupling shield side |
| 5 | Viti di fissaggio scudi - statore | Fixing screws shield-box |
| 6 | Bobina poli principali | Coil mains poles |
| 7 | Nucleo poli principali | Nucleous mains poles |
| 8 | Statore Lamellare | Blades package stator |
| 9 | Golfari di sollevamento | Lifting ring |
| 10 | Scudo lato opposto | Opposite shield side |
| 11 | Cassetto portaspazzole e spazzole | Drawer brushes-holder |
| 12 | Spazzole | Brushes |
| 13 | Molle spingi spazzole | Spring |
| 15 | Anello portaspazzole | Brushes-holder ring |
| 16 | Cuscinetto lato opposto | Bearing opposite side |
| 17 | Collettore | Collector |
| 18 | Portello ispezione lato opposto | Opposite side inspection door |
| 19 | Scatola Morsettiera | Terminal board |
| 20 | Portello lato accoppiamento | Coupling side door |
| 21 | Coperchietto interno lato accopp. | Coupling side interior small-cover |
| 22 | Coperchietto interno lato opposto | Opposite side interior small-cover |
| 23 | Lanterna attacco D.T. | Lantern for Tachogenerator |
| 24 | Giunto elastico di adattamento D.T. | Elastic Joint for tachogenerator |
| 25 | Filtro Ventilatore | Ventilator filter |
| 26 | Staffe di sostegno filtro | Support filter stirrups |
| 27 | Voluta ventiatore | Ventilator carter |
| 28 | Motore ventilatore | Ventilator engine |
| 29 | Relè anemostatico | Air flow control relay |
| 30 | Bobina poli ausiliari | Auxiliarys poles bobbin |
| 31 | Nucleo poli ausiliari | Necleus auxiliarys poles |
| 32 | Pacco rotore | Rotor package |

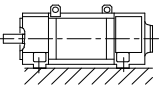
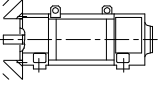
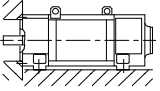
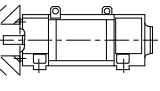
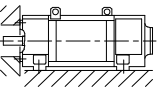


Forme costruttive
Construction Forms

Macchine ad asse orizzontale
Machines with horizontal shaft

18.05.2007
Sheet N° 10

Tables N° 04

Figura Sketch	CEI EN 60034-7		UNEL 05513	
	Cod. II	Cod. I		
	IM 1001	IM B3	B3	Fissata mediante piedi; piedi disposti verso il basso Mounted by feet, feet down
	IM 3001	IM B5	B5	Fissata sul lato della flangia con fori passanti, rivolto verso il lato comando Mounted by on D-end side of flange
	IM 2001	IM B35	B3/B5	Fissata mediante piedi disposti verso il basso; fissaggio ulteriore sul lato della flangia con fori passanti rivolto verso il lato comando Mounted by feet, feet down, with additional mounting on D-end side of flange
	IM 3601	IM B14	B14	Fissata sul lato della flangia con fori filettati, rivolto verso il lato comando Mounted by on D-end side of flange with tapped holes
	IM 2101	IM B34	B3/B14	Fissata mediante piedi, piedi disposti verso il basso. Fissaggio ulteriore sul lato della flangia con fori filettati rivolto verso il lato comando. Mounted by feet, feet down, with additional mounting on D-end side of flange with tapped holes
	IM 1051	IM B6	B6	Fissata mediante piedi; piedi a sinistra (visti dal lato comando) Mounted by feet, feet left (viewed from D-end)
	IM 1061	IM B7	B7	Fissata mediante piedi; piedi a destra (visti dal lato comando) Mounted by feet, feet right (viewed from D-end)
	IM 1070	IM B8	B8	Fissata mediante piedi; piedi disposti verso l'alto Mounted by feet, feet up

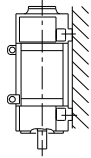
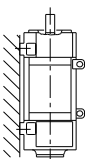
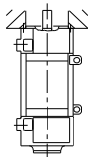
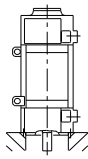
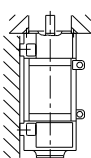
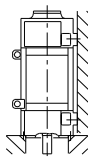
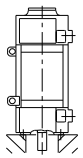
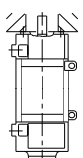


Forme costruttive Construction Forms

Macchine ad asse verticale
Machines with vertical shaft

18.05.2007
Sheet N° 10

Tables N° 05

Figura Sketch	CEI EN 60034-7		UNEL 05513	
	Cod. II	Cod. I		
	IM 1011	IM V5	V5	Fissata mediante piedi; lato comando in basso Mounted by feet, D-end down
	IM 1031	IM V6	V6	Fissata mediante piedi; lato comando in alto Mounted by feet, D-end up
	IM 3031	IM V3	V3	Fissata sul lato della flangia con fori passanti rivolto verso il lato comando, lato comando in alto Mounted on D-end side of flange, D-end up
	IM 3011	IM V1	V1	Fissata sul lato della flangia con fori passanti, rivolto verso il lato comando, lato comando in basso Mounted on D-end side of flange, D-end down
	IM 2031	IM V36	V3/V6	Fissata mediante piedi; fissaggio ulteriore sulla flangia con fori passanti dal lato comando; lato comando in alto Mounted by feet, feet down, with additional mounting on D-end side of flange, D-end up
	IM 2011	IM V15	V1/V5	Fissata mediante piedi; fissaggio ulteriore sulla flangia con fori passanti dal lato comando; lato comando in basso Mounted by feet, feet down, with additional mounting on D-end side of flange, D-end down
	IM 3611	IM V18	V18	Fissata sul lato della flangia con fori filettati, dal lato comando, lato comando in basso Mounted by on D-end side of flange with tapped holes, D-end down
	IM 3631	IM V19	V19	Fissata sul lato della flangia con fori filettati, dal lato comando, lato comando in alto Mounted by on D-end side of flange with tapped holes, D-end up

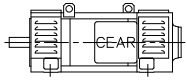
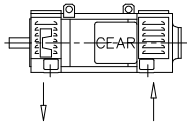
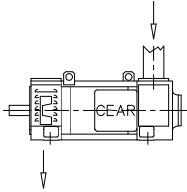
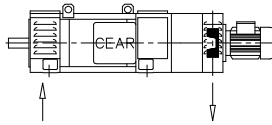
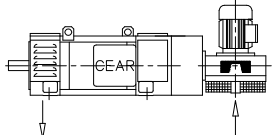
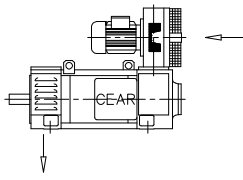
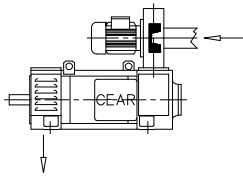
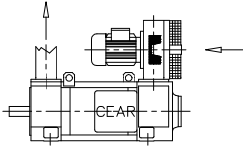


Metodi di Raffreddamento delle macchine elettriche rotanti

Rotating electrical machines, Methods of cooling

19.05.2007
Sheet N° 01

Tables N° 07

Figura Sketch	CEI EN 60034-6 Semplificata Simplified	CEI EN 60034-6 Completo Complete	Descrizione Description	CEI EN 60034-5 Grado di Protezione Degrees of Protection
	IC 0 0	IC 0 A 0	Macchina raffreddata naturalmente Free convection	IP 23
	IC 0 1	IC 0 A 1	Macchina autoventilata Self-circulation	
	IC 1 1	IC 1 A 1	Macchina autoventilata con canale di aspirazione Self-circulation Inlet pipe duct circulated	
	IC 0 6	IC 0 A 6	Macchina raffreddata mediante dispositivo indipendente aspirante montato assialmente sulla macchina Circulation by machine-mounted axial Inlet independent component	
	IC 0 6	IC 0 A 6	Macchina raffreddata mediante dispositivo indipendente premente montato assialmente sulla macchina Circulation by machine-mounted axial Outlet independent component	
	IC 0 6	IC 0 A 6	Macchina raffreddata mediante dispositivo indipendente montato sulla macchina Circulation by machine-mounted independent component	
	IC 1 6	IC 1 A 6	Macchina raffreddata mediante dispositivo indipendente montato sulla macchina con canale di aspirazione Circulation by machine-mounted independent component, Inlet pipe duct circulated	
	IC 2 6	IC 2 A 6	Macchina raffreddata mediante dispositivo indipendente montato sulla macchina con canale di scarico Circulation by machine-mounted independent component, Outlet pipe duct circulated	

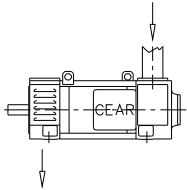
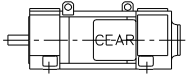
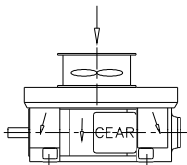
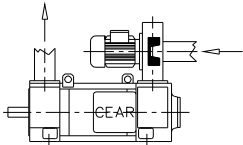
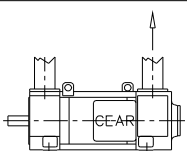
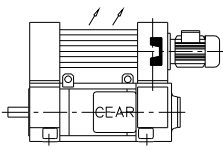
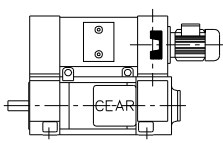
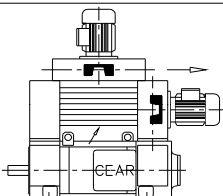


Metodi di Raffreddamento delle macchine elettriche rotanti

Rotating electrical machines, Methods of cooling

19.05.2007
Sheet N° 01

Tables N° 08

Figura Sketch	CEI EN 60034-6 Semplificata Simplified	CEI EN 60034-6 Completo Complete	Descrizione Description	CEI EN 60034-5 Grado di Protezione Degrees of Protection
	IC 1 7	IC 1 A 7	Macchina raffreddata mediante dispositivo separato e indipendente, mediante pressione della rete di distribuzione Circulation by separate and independent component, by coolant pressure system	IP 23
	IC 410	IC 4A1A0	Macchina chiusa raffreddata naturalmente Free-convection	IP 44
	IC 416	IC 4A1A6	Macchina chiusa raffreddata superficialmente, mediante dispositivo indipendente montato sulla macchina Frame surface cooled, circulation by machine-mounted independent component	
	IC 3 6	IC 3 A 6	Macchina raffreddata mediante dispositivo indipendente montato sulla macchina, canali di aspirazione e scarico Circulation by machine-mounted independent component, Inlet and Outlet pipe duct circulated	
	IC 3 7	IC 3 A 7	Macchina raffreddata mediante dispositivo separato e indipendente, canali di aspirazione e scarico Circulation by separate and independent component, Inlet and Outlet pipe duct circulated	
	IC 00 66	IC 6A6A0	Scambiatore di calore montato sulla macchina, circolazione mediante dispositivo indipendente. Machine-mouted heat exchanger, circulation by independent component	
	IC W37A86	IC 8A6W7	Scambiatore di calore montato sulla macchina, circolazione mediante dispositivo indipendente. Aria-Acqua Machine-mouted heat exchanger, circulation by independent component. Air-Water cooling	
	IC 06 66	IC 6A6A6	Scambiatore di calore montato sulla macchina, circolazione mediante dispositivo indipendente. Aria-Aria Machine-mouted heat exchanger, circulation by independent component. Air-Air cooling	



TIPI DI SERVIZIO E IDENTIFICAZIONE DEL SERVIZIO

Tabella/Tables
N° 9

DUTY TYPES AND DECLARATION OF DUTY

Foglio/Sheet
N° 1

----- Max
T: Temperature - - - - - Average
 — Instantaneous

P: Carico
load

Pv: Perdite elettriche
Electrical losses

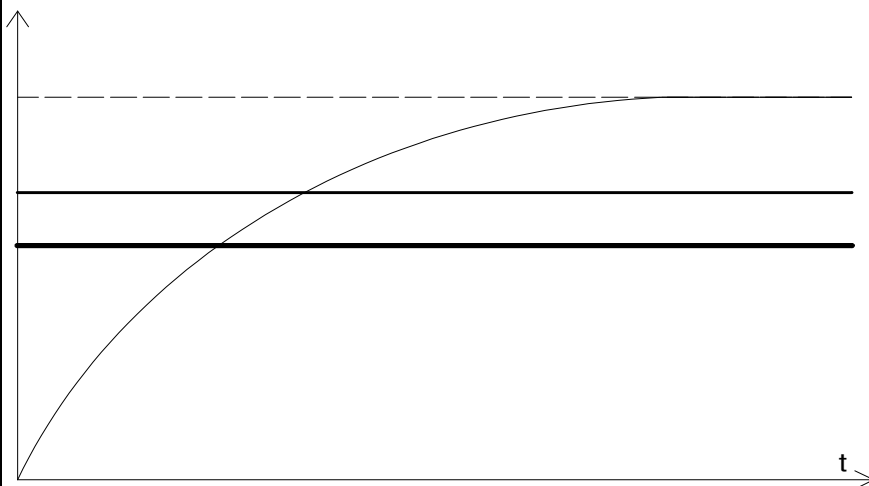
Servizio continuo S1

Funzionamento a carico costante di durata sufficiente a consentire alla macchina il raggiungimento dell'equilibrio termico.

L'abbreviazione appropriata è S1.

Continuous running duty S1

Operation at a constant load maintained for sufficient time to allow the machine to reach thermal equilibrium. The appropriate abbreviation is S1.



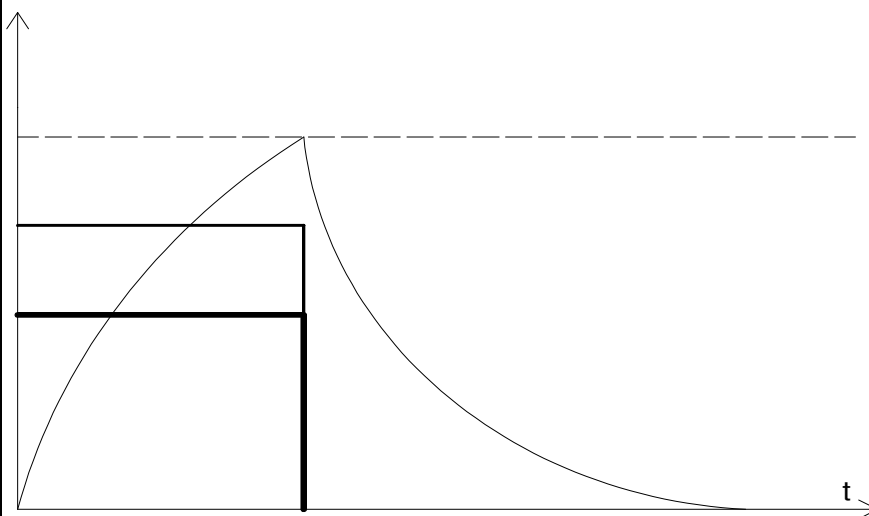
Servizio di durata limitata S2

Funzionamento a carico costante per un periodo di tempo determinato, inferiore a quello richiesto per raggiungere l'equilibrio termico, seguito da un tempo di riposo di durata sufficiente a ristabilire l'uguaglianza fra la temperatura della macchina e quella del fluido di raffreddamento, con una tolleranza di 2 K. L'abbreviazione appropriata è S2, seguita dall'indicazione della durata del servizio.

Short - time duty S2

Operation at constant load for a given time, less than that required to reach thermal equilibrium, followed by a time de-energized and at rest of sufficient duration to re-establish machine temperatures within 2 K of the coolant temperature.

The appropriate abbreviation is S2, followed by an indication of the duration of the duty.



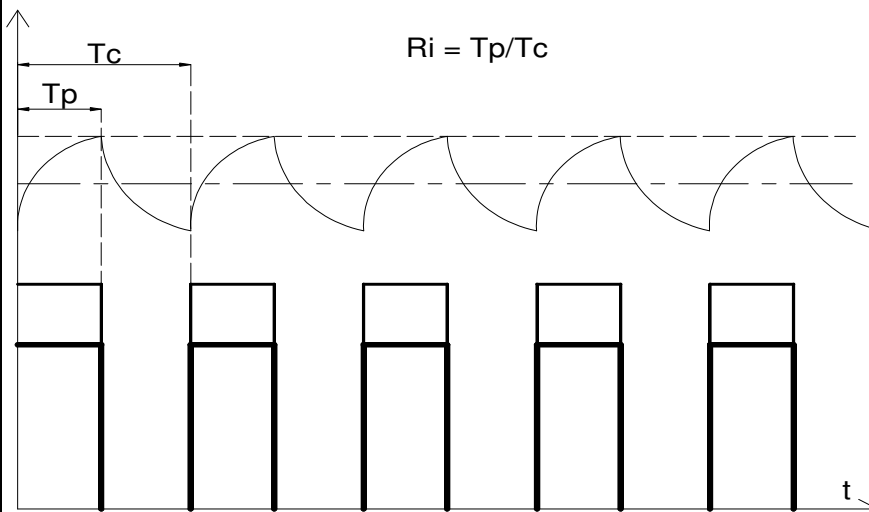
Servizio intermittente periodico S3⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo di funzionamento a carico costante ed un tempo di riposo. In questo servizio il ciclo è tale che la corrente di avviamento non influenza la sovratemperatura in maniera significativa. L'abbreviazione appropriata è S3, seguita dall'indicazione del rapporto di intermittenza Ri.

Intermittent periodic duty S3⁽¹⁾

A sequence of identical duty cycles, each including a time of operation at constant load and a time de-energized and at rest. In this duty, the cycle is such that the starting current does not significantly affect the temperature rise.

The appropriate abbreviation is S3, followed by the cyclic duration factor Ri.



(1) Il servizio periodico implica che l'equilibrio termico non è raggiunto durante il periodo a carico.

(1) Periodic duty implies that thermal equilibrium is not reached during the time on load.



TIPI DI SERVIZIO E IDENTIFICAZIONE DEL SERVIZIO

Tabella/Tables
N° 9

DUTY TYPES AND DECLARATION OF DUTY

Foglio/Sheet
N° 2

----- Max
T: Temperature - - - - - Average
————— Instantaneous

P: Carico
load

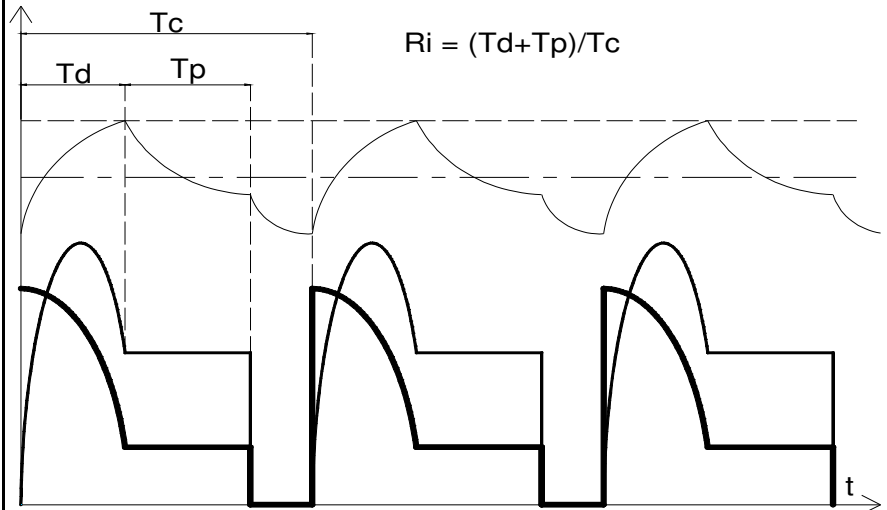
Pv: Perdite elettriche
Electrical losses

Servizio intermittente periodico con avviamento S4⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo non trascurabile di avviamento, un tempo di funzionamento a carico costante ed un tempo di riposo.
L'abbreviazione appropriata è S4, seguita dal rapporto di intermittenza Ri, dal momento d'inerzia del motore e dal momento d'inerzia del carico, questi ultimi due riferiti all'albero motore.

Intermittent periodic duty with starting S4⁽¹⁾

A sequence of identical duty cycles, each cycle including a significant starting time, a time of operation at constant load and a time de-energized and at rest.
The appropriate abbreviation is S4, followed by the cyclic duration factor Ri, the moment of inertia of the motor and the moment of inertia of the load, both referred to the motor shaft.

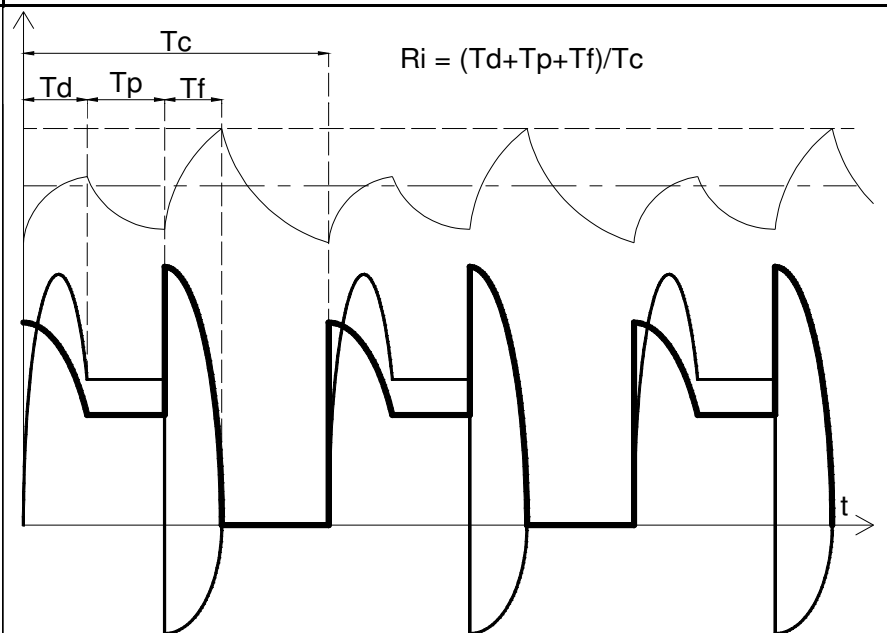


Servizio intermittente periodico con frenatura elettrica S5⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo di avviamento, un tempo di funzionamento a carico costante, un tempo di frenatura elettrica rapida ed un tempo di riposo.
L'abbreviazione appropriata è S5, seguita dal rapporto di intermittenza Ri, dal momento d'inerzia del motore e dal momento d'inerzia del carico, questi ultimi due riferiti all'albero motore.

Intermittent periodic duty with electric braking S5⁽¹⁾

A sequence of identical duty cycles, each cycle consisting of a starting time, a time of operation at constant load, a time of electric braking and a time de-energized and at rest.
The appropriate abbreviation is S5, followed by the cyclic duration factor Ri, the moment of inertia of the motor and the moment of inertia of the load, both referred to the motor shaft.

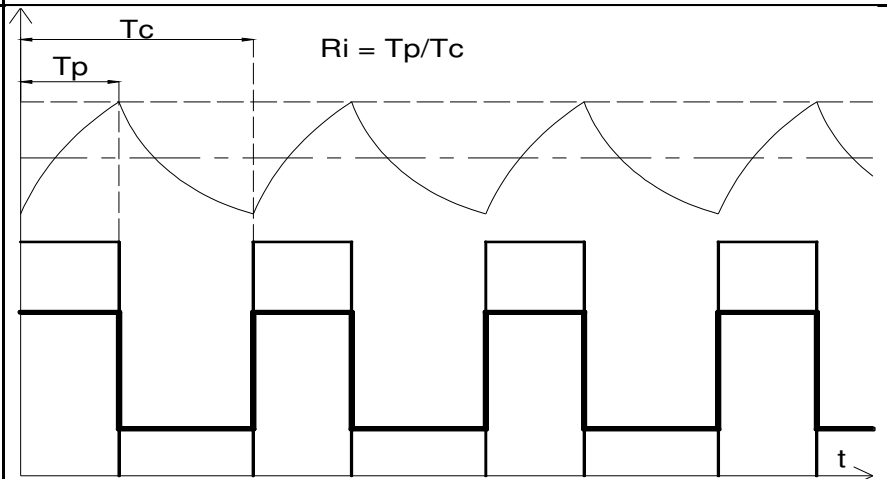


Servizio ininterrotto periodico S6⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo di funzionamento a carico costante ed un tempo di funzionamento a vuoto. Non esiste alcun tempo di riposo.
L'abbreviazione appropriata è S6, seguita dal rapporto d'intermittenza Ri.

Continuous-operation periodic duty S6⁽¹⁾

A sequence of identical duty cycles, each cycle consisting of a time of operation at constant load and a time of operation at no-load. There is no time de-energized and at rest.
The appropriate abbreviation is S6, followed by the cyclic duration factor Ri.



(1) Il servizio periodico implica che l'equilibrio termico non è raggiunto durante il periodo a carico.

(1) Periodic duty implies that thermal equilibrium is not reached during the time on load.



TIPI DI SERVIZIO E IDENTIFICAZIONE DEL SERVIZIO

Tabella/Tables
N° 9

DUTY TYPES AND DECLARATION OF DUTY

Foglio/Sheet
N° 3

----- Max
T: Temperature - - - - - Average
 ———— Instantaneous

P: Carico
load

Pv: Perdite elettriche
Electrical losses

n: Velocità
speed

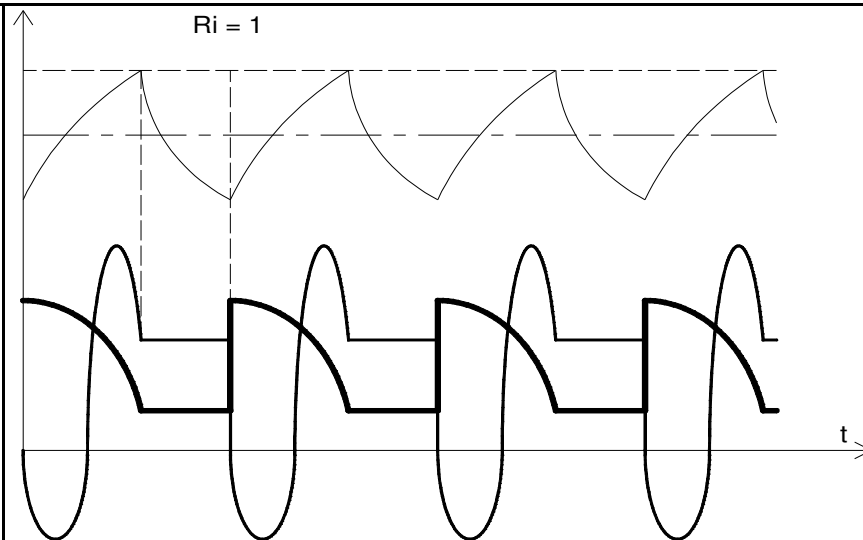
Servizio ininterrotto periodico con frenatura elettrica S7⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo di avviamento, un tempo di funzionamento a carico costante ed un tempo di frenatura elettrica. Non esiste alcun periodo di riposo. L'abbreviazione appropriata è S7, seguita dal momento d'inerzia del motore e dal momento d'inerzia del carico, entrambi riferiti all'albero motore.

Continuous-operation periodic duty with electric braking S7⁽¹⁾

A sequence of identical duty cycles, each cycle consisting of a starting time, a time of operation at constant load and a time of electric braking. There is no time de-energized and at rest.

The appropriate abbreviation is S7, followed by the moment of inertia of the motor and the moment of inertia of the load, both referred to the motor shaft.



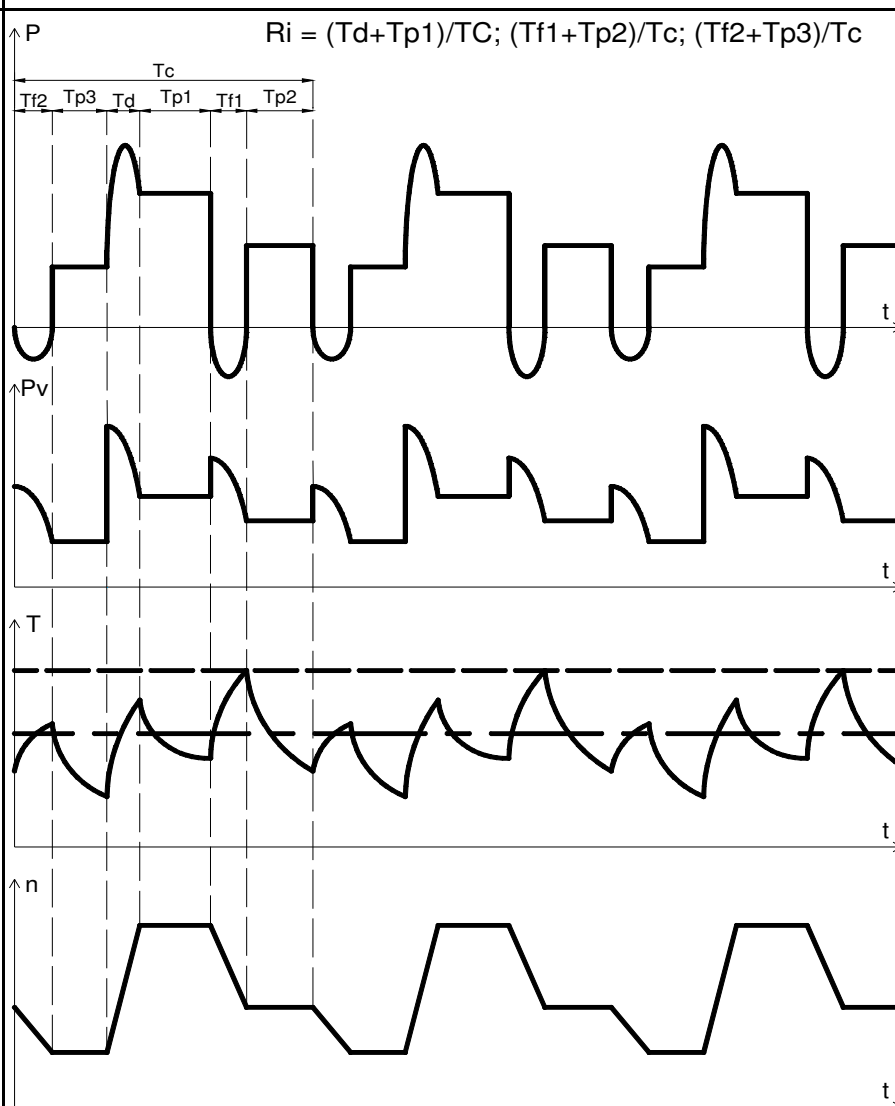
Servizio ininterrotto periodico con variazioni correlate di carico e velocità S8⁽¹⁾

Sequenza di cicli di funzionamento identici, ciascuno comprendente un tempo di funzionamento a carico costante corrispondente ad una prestabilita velocità di rotazione, seguito da uno o più tempi di funzionamento con altri carichi costanti corrispondenti a diverse velocità di rotazione (realizzato per esempio mediante cambio del numero di poli nel caso dei motori a induzione). Non esiste alcun tempo di riposo.

L'abbreviazione appropriata è S8, seguita dal momento d'inerzia del motore e dal momento d'inerzia del carico, entrambi riferiti all'albero del motore, insieme al carico, alla velocità e al rapporto di intermittenza Ri, per ogni regime caratterizzato da una determinata velocità.

Continuous-operation periodic duty with related load/speed changes S8⁽¹⁾

A sequence of identical duty cycles, each cycle consisting of a time of operation at constant load corresponding to a predetermined speed of rotation, followed by one or more times of operation at other constant loads corresponding to different speed of rotation (carried out, for example, by means of a change in the number of poles in the case of induction motors). There is no time de-energized and at rest. The appropriate abbreviation is S8, followed by the moment of inertia of the motor and the moment of inertia of the load, both referred to the motor shaft, together with the load, speed and cyclic duration factor Ri for each speed condition.



(1) Il servizio periodico implica che l'equilibrio termico non è raggiunto durante il periodo a carico.

(1) Periodic duty implies that thermal equilibrium is not reached during the time on load.



TIPI DI SERVIZIO E IDENTIFICAZIONE DEL SERVIZIO

Tabella/Tables
N° 9

DUTY TYPES AND DECLARATION OF DUTY

Foglio/Sheet
N° 4

----- Max
T: Temperature - - - - - Average
 ———— Instantaneous

P: Carico
load

Pv: Perdite elettriche
Electrical losses

n: Velocità
speed

Servizio con variazioni non periodiche di carico e velocità S9

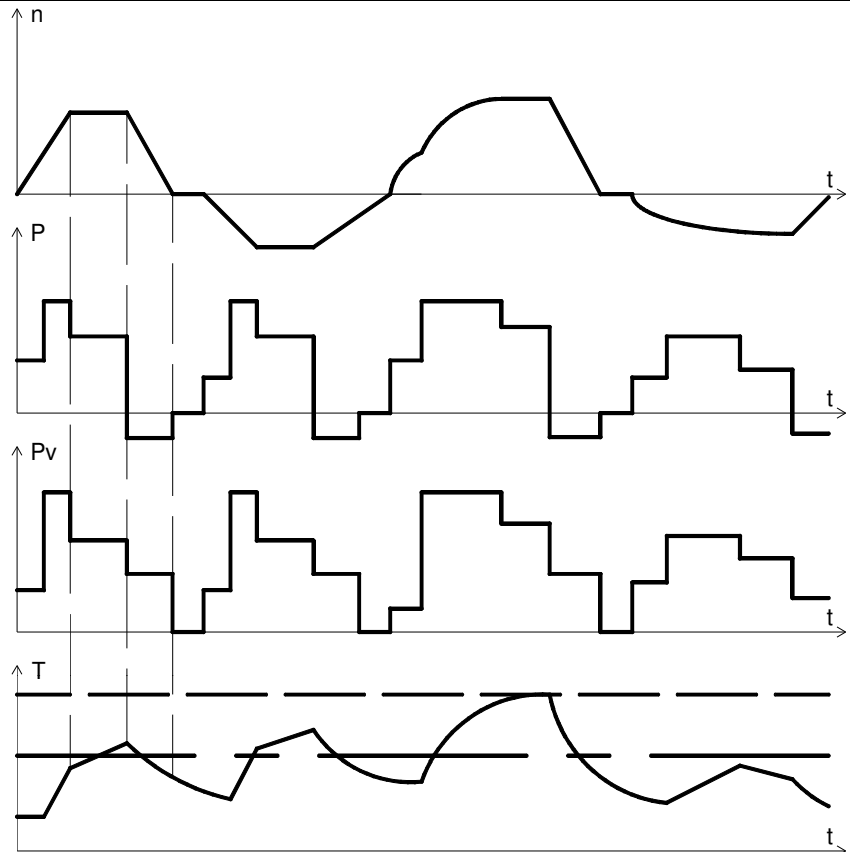
Servizio in cui generalmente il carico e la velocità variano in modo non periodico nel campo di funzionamento ammissibile. Questo servizio comprende sovraccarichi frequentemente applicati che possono essere largamente superiori ai valori di pieno carico.

L'abbreviazione appropriata è S9. Per questo tipo di servizio si prende come valore di riferimento per il concetto di sovraccarico un carico costante adeguatamente scelto e basato sul tipo di servizio S1.

Duty with non-periodic load and speed variations S9

A duty in which generally load and speed vary non-periodically within the permissible operating range. This duty includes frequently applied overloads that may greatly exceed the reference load.

The appropriate abbreviation is S9. For this duty type, a constant load appropriately selected and based on duty type S1 is taken as the reference value for the overload concept.



Servizio con carichi distinti costanti S10

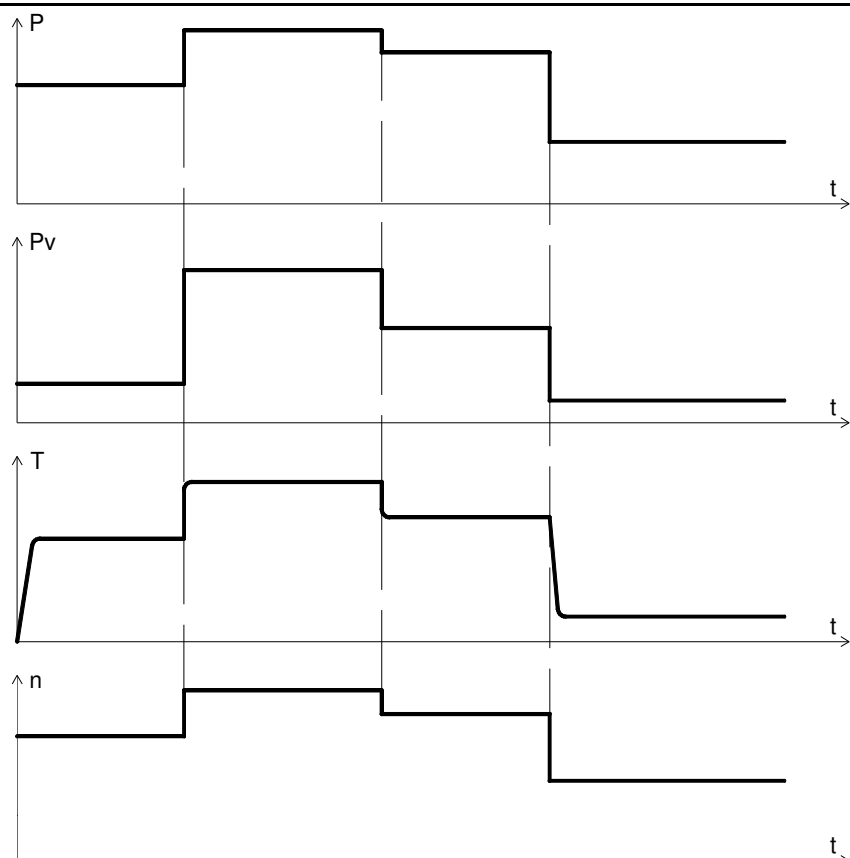
Servizio che consiste in un numero specifico di valori distinti di carico (o carico equivalente), mantenendo ogni valore per un tempo sufficiente per consentire alla macchina di raggiungere l'equilibrio termico. Il carico minimo durante un ciclo di servizio può avere valore zero (a vuoto o in stato di riposo).

L'abbreviazione appropriata è S10. Per questo tipo di servizio, deve essere assunto come valore di riferimento per i carichi distinti un carico costante adeguatamente scelto e basato sul servizio S1.

Duty with discrete constant loads and speeds S10

A duty consisting of a specific number of discrete values of load (or equivalent loading) and if applicable, speed, each load/speed combination being maintained for sufficient time to allow the machine to reach thermal equilibrium. The minimum load within a duty cycle may have the value zero (no-load or de-energized and at rest).

The appropriate abbreviation is S10. For this duty type a constant load appropriately selected and based on duty type S1 shall be taken as the reference value for the discrete loads.



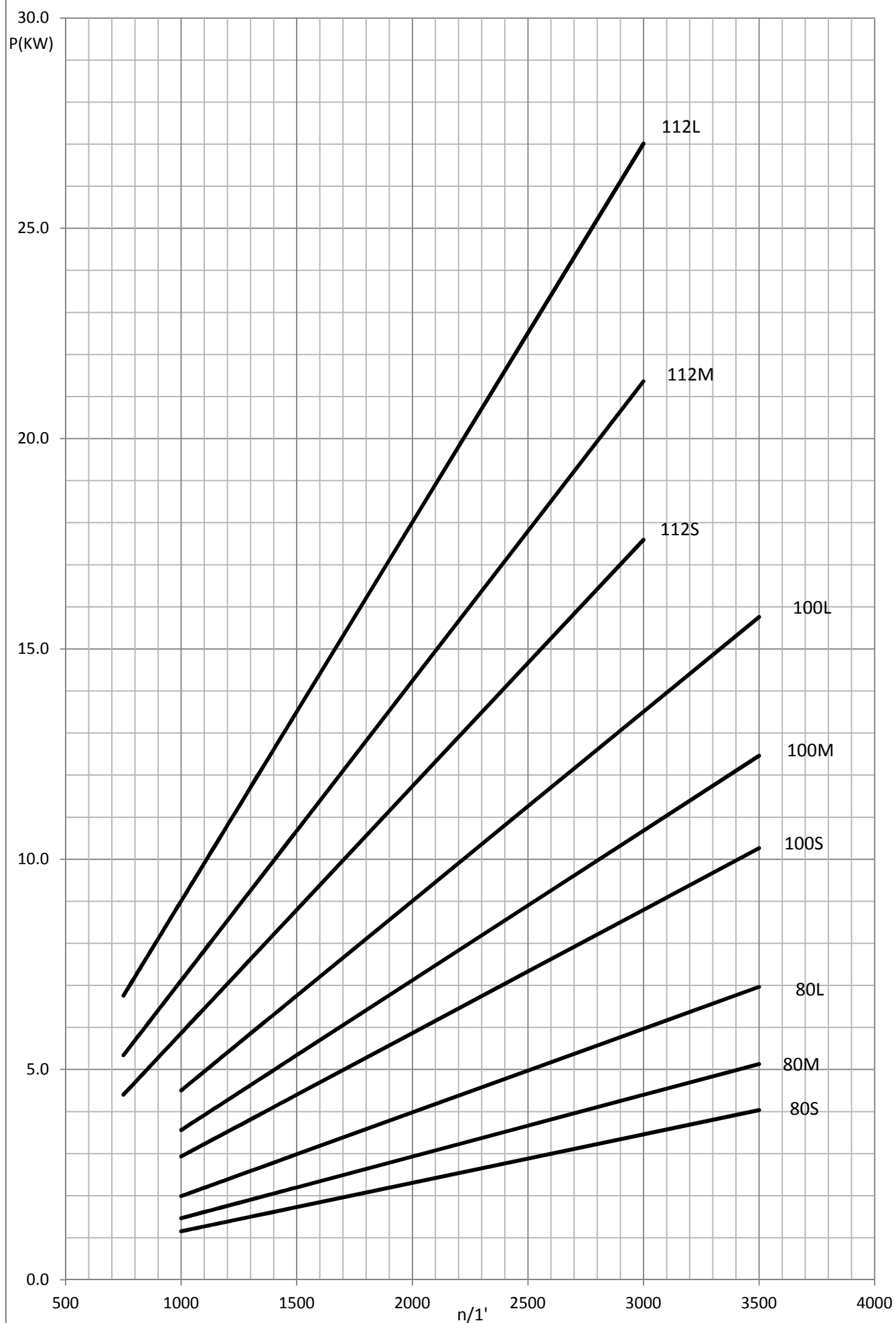


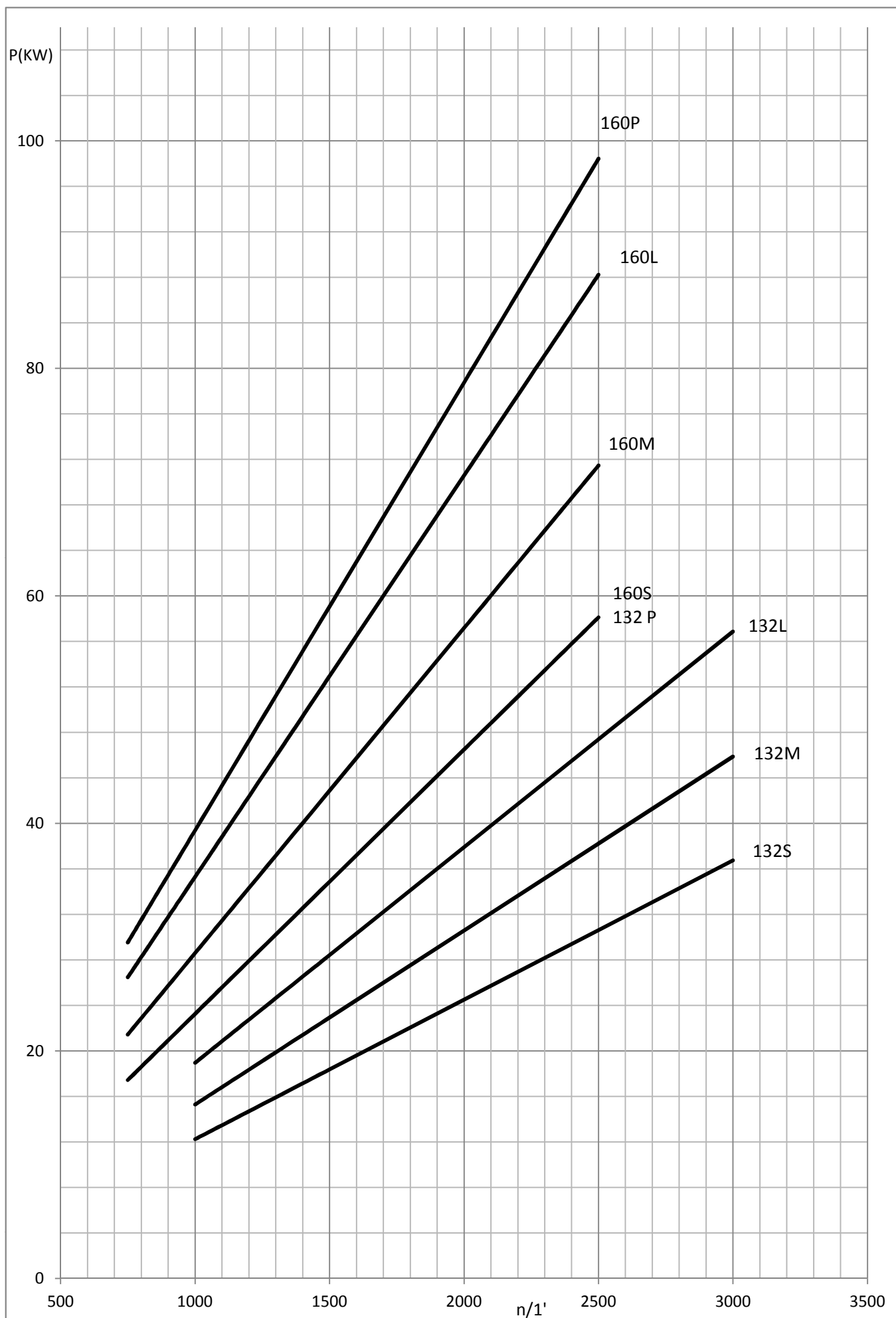
Motori Serie MGL
Motoren Serie MGL
Motor Series MGL

Tabella / Tisch / Tables
N° 14 C

Foglio / Seite / Sheet
N° 1

TIPO TYP TYPE				Momento inerzia Trageistsmoment Moment of inerzia		Eccitazione Erregung Excitation		Dati di Ventilazione Angaben über die beluftung Ventilation Data		
		PESO GEWICHT WEIGHT	Velocità Drehzahl Speed Max	PD2	J	Costante di tempo Feldzeitconstant Time Constant	Potenza Erregerleistung Power	Potenza Leistung Out Put	Pressione Druck Pressure	Portata Forderstrom Air Flow
		Kg	giri/1' u/min r.p.m.	Kgm²	Kgm²	ms	W	50Hz kW	mm H₂O	m³/1'
80	S	40	5000	0.028	0.007	95	230	0.12	45	4
	M	46		0.034	0.0085	120	260			
	L	53		0.044	0.011	145	290			
100	S	64	5000	0.076	0.019	140	350	0.25	70	6
	M	72		0.092	0.023	165	380			
	L	82		0.112	0.028	180	430			
112	S	82	5000	0.156	0.039	130	500	0.25	70	6
	M	92		0.188	0.047	140	550			
	L	110		0.228	0.057	150	600			
132	S	139	5000	0.380	0.095	160	650	0.55	80	10
	M	155		0.452	0.113	175	750			
	L	175		0.546	0.137	190	850			
	P	195		0.620	0.155	209	950			
160	K	220	4500	0.80	0.20	210	920	1.1	100	18
	S	238		0.92	0.23	230	1000			
	M	264		1.12	0.28	260	1100			
	L	302		1.36	0.34	290	1200			
	P	320		1.48	0.37	310	1300			







Potenza eccitazione					
Excitation power	(w)	230			
Cost. tempo eccitaz.					
Field time constant	(ms)	95			
Massa del motore					
Mass of the motor	(Kg)	40			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.007			
Tipo					
Size		MGL	80	S	
Ventilazione					
Ventilation					IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
50	4035	---	---	---	---	---	---	4.56	10.8	84.9	31.6	476	3.83	4700	
51	3645	---	---	---	---	---	---	3.89	10.2	84.1	27.2	586	4.48	4700	
52	3310	---	---	---	---	---	---	3.54	10.2	83.3	25	696	5.40	4700	
		4410	---	---	---	---	---	4.71	10.2	85.6	25			4700	
53	3015	---	---	---	---	---	---	3.41	10.8	82.5	24.3	794	6.40	4700	
		4030	---	---	---	---	---	4.55	10.8	85.1	24.3			4700	
54	2765	---	---	---	---	---	---	3.13	10.8	81.5	22.6	939	7.41	4424	
		3710	---	---	---	---	---	4.19	10.8	84.3	22.6			4700	
		4460	---	---	---	---	---	5.05	10.8	85.9	22.6			4700	
55	2385	---	---	---	---	---	---	2.60	10.4	80.1	19.1	1220	9.51	3814	
		3210	---	---	---	---	---	3.50	10.4	83.3	19.1			4700	
		3870	---	---	---	---	---	4.22	10.4	85.0	19.1			4700	
		4530	---	---	---	---	---	4.94	10.4	86.2	19.1			4700	
56	2070	---	---	---	---	---	---	2.30	10.6	78.2	17.3	1550	12.2	3310	
		2800	---	---	---	---	---	3.12	10.6	82.0	17.3			4483	
		3390	---	---	---	---	---	3.77	10.6	83.8	17.3			4700	
		3975	---	---	---	---	---	4.42	10.6	85.2	17.3			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione					
Excitation power	(w)	230			
Cost. tempo eccitaz.					
Field time constant	(ms)	95			
Massa del motore					
Mass of the motor	(Kg)	40			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.007			
Tipo					
Size			MGL	80	S
Ventilazione					
Ventilation				IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
57	1930	---	---	---	---	---	---	2.16	10.7	77.0	16.5	1760	13.6	3087	
		2625	---	---	---	---	---	2.94	10.7	81.0	16.5			4198	
			3180	---	---	---	---	3.56	10.7	83.0	16.5			4700	
				3735	---	---	---	4.18	10.7	84.4	16.5			4700	
58	1705	---	---	---	---	---	---	1.89	10.6	75.1	14.8	2180	16.5	2728	
		2335	---	---	---	---	---	2.59	10.6	79.5	14.8			3734	
			2835	---	---	---	---	3.15	10.6	81.9	14.8			4538	
				3340	---	---	---	3.71	10.6	83.6	14.8			4700	
					4595	---	---	5.10	10.6	86.1	14.8			4700	
59	1545	---	---	---	---	---	---	1.74	10.8	74.7	13.7	2440	19.8	2469	
		2115	---	---	---	---	---	2.38	10.7	79.0	13.7			3387	
			2575	---	---	---	---	2.90	10.8	81.4	13.7			4122	
				3035	---	---	---	3.42	10.8	83.2	13.7			4700	
					4180	---	---	4.71	10.8	85.9	13.7			4700	
						4640	---	5.23	10.8	86.8	13.7			4700	
60	1385	---	---	---	---	---	---	1.57	10.8	72.7	12.7	2890	23.4	2215	
		1910	---	---	---	---	---	2.17	10.8	77.7	12.7			3060	
			2335	---	---	---	---	2.65	10.8	80.3	12.7			3735	
				2755	---	---	---	3.13	10.8	82.2	12.7			4411	
					3815	---	---	4.33	10.8	85.2	12.7			4700	
						4235	---	4.81	10.8	86.1	12.7			4700	
61	1240	---	---	---	---	---	---	1.39	10.7	70.5	11.6	3520	27.3	1987	
		1730	---	---	---	---	---	1.94	10.7	76.0	11.6			2769	
			2120	---	---	---	---	2.38	10.7	78.9	11.6			3394	
				2510	---	---	---	2.82	10.7	81.0	11.6			4020	
					3490	---	---	3.91	10.7	84.3	11.6			4700	
						3880	---	4.35	10.7	85.2	11.6			4700	
							4465	5.01	10.7	86.4	11.6			4700	
62	1080	---	---	---	---	---	---	1.19	10.5	68.0	10.3	4370	33.5	1730	
		1520	---	---	---	---	---	1.68	10.6	74.1	10.3			2433	
			1875	---	---	---	---	2.07	10.5	77.3	10.3			2996	
				2225	---	---	---	2.46	10.6	79.6	10.3			3560	
					3105	---	---	3.43	10.5	83.3	10.3			4700	
						3455	---	3.82	10.6	84.3	10.3			4700	
							3985	4.40	10.5	85.4	10.3			4700	
63	910	---	---	---	---	---	---	1.01	10.6	65.3	9.1	5600	43.5	1452	
		1295	---	---	---	---	---	1.44	10.6	71.9	9.1			2073	
			1605	---	---	---	---	1.78	10.6	75.2	9.1			2570	
				1915	---	---	---	2.12	10.6	77.7	9.1			3067	
					2695	---	---	2.98	10.6	81.9	9.1			4309	
						3005	---	3.33	10.6	83.2	9.1			4700	
							3470	3.84	10.6	84.4	9.1			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione					
Excitation power	(w)	230			
Cost. tempo eccitaz.					
Field time constant	(ms)	95			
Massa del motore					
Mass of the motor	(Kg)	40			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.007			
Tipo					
Size			MGL	80	S
Ventilazione					
Ventilation				IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
64		1080	--- 1350	--- ---	--- ---	--- ---	--- ---	1.21 1.51 1.81 2.57 2.87 2975	10.7 10.7 10.7 10.7 10.7 10.7	68.8 72.6 75.4 80.3 81.5 83.3	8.0 8.0 8.0 8.0 8.0 8.0	7290	57.3	1728 2161 2594 3677 4110 4700	
65		970	--- 1220	--- ---	--- ---	--- ---	--- ---	1.09 1.38 1.66 2.37 2.66 2730	10.7 10.8 10.8 10.8 10.8 10.8	66.1 70.8 73.8 79.0 80.6 82.1	7.5 7.5 7.5 7.5 7.5 7.5	8490	65.9	1551 1953 2355 3361 3763 4366	
66		890	--- 1125	--- ---	--- ---	--- ---	--- ---	1.02 1.29 1.56 2.23 2.50 2530	10.9 10.9 11.0 10.9 11.0 10.9	65.3 69.9 73.2 78.5 80.0 81.7	7.1 7.1 7.1 7.1 7.1 7.1	9360	76.2	1421 1797 2172 3110 3486 4049	
67		800	--- 1020	--- ---	--- ---	--- ---	--- ---	0.91 1.16 1.41 2.03 2.28 2340	10.9 10.9 10.9 10.8 10.8 10.9	62.7 67.6 71.2 76.9 78.5 80.6	6.6 6.6 6.6 6.6 6.6 6.6	10900	87.3	1282 1634 1986 2866 3217 3745	
68		940	--- 1145	--- ---	--- ---	--- ---	--- ---	1.07 1.30 1.89 2.12 2.47 2180	10.9 10.8 10.8 10.8 10.8 10.8	66.4 69.9 76.2 77.7 79.7 79.7	6.2 6.2 6.2 6.2 6.2 6.2	12300	99.4	1504 1836 2664 2995 3492	
69		800	--- 990	--- ---	--- ---	--- ---	--- ---	0.92 1.13 1.66 1.87 2.19 1915	11.0 10.9 10.9 10.9 10.9 10.9	63.2 67.3 74.1 75.9 78.2 78.2	5.6 5.6 5.6 5.6 5.6 5.6	15100	124	1284 1580 2321 2617 3062	
70		850	--- 1270	--- ---	--- ---	--- ---	--- ---	0.96 1.43 1.62 1.91 1690	10.8 10.8 10.8 10.8 10.8	64.0 71.5 73.6 76.4 76.4	5.0 5.0 5.0 5.0 5.0	19000	150	1360 2030 2298 2700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 230 Cost. tempo eccitaz. Field time constant (ms) 95 Massa del motore Mass of the motor (Kg) 40 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.007			Tipo Size MGL 80 S Ventilazione Ventilation IC 06				
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
Avv.	170	220	260	300	400	440	500	kW			Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
71					1125	---	---	1.22	10.4	69.3	4.4	23700	179	1797	
					1275	---	---	1.39	10.4	71.8	4.4			2042	
							1505	1.64	10.4	74.5	4.4			2409	
72					1015	---	---	1.15	10.8	68.5	4.2	25900	214	1627	
					1160	---	---	1.31	10.8	70.9	4.2			1852	
							1370	1.55	10.8	73.8	4.2			2190	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	260		
Cost. tempo eccitaz.				
Field time constant	(ms)	120		
Massa del motore				
Mass of the motor	(Kg)	46.0		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.0085		
Tipo				
Size		MGL	80	M
Ventilazione				
Ventilation			IC	06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
50	3095	---	---	---	---	---	---	4.56	14.1	84.9	31.6	534	4.96	4700	
		4125	---	---	---	---	---	6.07	14.1	87.3	31.6			4700	
51	2795	---	---	---	---	---	---	3.89	13.3	84.1	27.2	659	5.80	4474	
		3730	---	---	---	---	---	5.18	13.3	86.6	27.2			4700	
			4475	---	---	---	---	6.22	13.3	88.0	27.2			4700	
52	2535	---	---	---	---	---	---	3.53	13.3	83.1	25.0	781	7.00	4058	
		3390	---	---	---	---	---	4.72	13.3	85.8	25.0			4700	
			4075	---	---	---	---	5.68	13.3	87.4	25.0			4700	
53	2305	---	---	---	---	---	---	3.39	14.0	82.1	24.3	892	8.29	3691	
		3095	---	---	---	---	---	4.55	14.0	85.1	24.3			4700	
			3725	---	---	---	---	5.48	14.0	86.7	24.3			4700	
				4360	---	---	---	6.41	14.0	87.9	24.3			4700	
54	2110	---	---	---	---	---	---	3.11	14.1	80.9	22.6	1050	9.60	3378	
		2845	---	---	---	---	---	4.19	14.1	84.3	22.6			4550	
			3430	---	---	---	---	5.05	14.1	85.9	22.6			4700	
				4015	---	---	---	5.92	14.1	87.3	22.6			4700	
55	1815	---	---	---	---	---	---	2.58	13.6	79.5	19.1	1380	12.3	2904	
		2455	---	---	---	---	---	3.49	13.6	83.1	19.1			3930	
			2970	---	---	---	---	4.22	13.6	85.0	19.1			4700	
				3480	---	---	---	4.95	13.6	86.4	19.1			4700	
56	1570	---	---	---	---	---	---	2.27	13.8	77.2	17.3	1740	15.8	2512	
		2140	---	---	---	---	---	3.10	13.8	81.5	17.3			3423	
			2595	---	---	---	---	3.76	13.8	83.6	17.3			4153	
				3050	---	---	---	4.42	13.8	85.2	17.3			4700	
					4190	---	---	6.07	13.8	87.7	17.3			4700	
						4645	---	6.73	13.8	88.4	17.3			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione					
Excitation power	(w)	260			
Cost. tempo eccitaz.					
Field time constant	(ms)	120			
Massa del motore					
Mass of the motor	(Kg)	46.0			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.0085			
Tipo					
Size			MGL	80	M
Ventilazione					
Ventilation				IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
57	1460	---	---	---	---	---	---	2.13	13.9	72.4	17.3	1970	17.70	2338
		2000	---	---	---	---	---	2.92	13.9	76.7	17.3			3201
			2435	---	---	---	---	3.55	13.9	78.9	17.3			3892
				2865	---	---	---	4.18	13.9	80.5	17.3			4583
					3945	---	---	5.75	13.9	83.1	17.3			4700
						4375	---	6.38	13.9	83.8	17.3			4700
58	1285	---	---	---	---	---	---	1.86	13.8	73.9	14.8	2440	21.40	2058
		1775	---	---	---	---	---	2.57	13.8	78.9	14.8			2840
			2165	---	---	---	---	3.13	13.8	81.3	14.8			3465
				2555	---	---	---	3.70	13.8	83.3	14.8			4090
					3535	---	---	5.11	13.8	86.3	14.8			4700
						3925	---	5.67	13.8	87.1	14.8			4700
							4510	6.52	13.8	88.1	14.8			4700
59	1160	---	---	---	---	---	---	1.71	14.1	73.4	13.7	2740	25.6	1860
		1610	---	---	---	---	---	2.36	14.0	78.3	13.7			2573
			1965	---	---	---	---	2.88	14.0	80.9	13.7			3144
				2320	---	---	---	3.41	14.0	83.0	13.7			3715
					3215	---	---	4.71	14.0	85.9	13.7			4700
						3570	---	5.24	14.0	86.9	13.7			4700
							4105	6.02	14.0	87.9	13.7			4700
60	1040	---	---	---	---	---	---	1.54	14.1	71.3	12.7	3250	30.3	1662
		1450	---	---	---	---	---	2.14	14.1	76.6	12.7			2318
			1775	---	---	---	---	2.63	14.1	79.6	12.7			2843
				2105	---	---	---	3.12	14.2	81.9	12.7			3369
					2925	---	---	4.33	14.1	85.2	12.7			4681
						3255	---	4.81	14.1	86.1	12.7			4700
							3745	5.54	14.1	87.2	12.7			4700
61	925	---	---	---	---	---	---	1.35	13.9	68.5	11.6	3960	35.4	1483
		1305	---	---	---	---	---	1.91	14.0	74.8	11.6			2090
			1610	---	---	---	---	2.35	13.9	77.9	11.6			2577
				1915	---	---	---	2.79	13.9	80.2	11.6			3063
					2675	---	---	3.90	13.9	84.1	11.6			4278
						2980	---	4.35	13.9	85.2	11.6			4700
							3435	5.01	13.9	86.4	11.6			4700
62	800	---	---	---	---	---	---	1.15	13.7	65.7	10.3	4910	43.4	1283
		1145	---	---	---	---	---	1.65	13.8	72.8	10.3			1830
			1415	---	---	---	---	2.04	13.8	76.2	10.3			2268
				1690	---	---	---	2.43	13.7	78.6	10.3			2705
					2375	---	---	3.42	13.8	83.0	10.3			3799
						2650	---	3.81	13.7	84.1	10.3			4237
							3060	4.40	13.7	85.4	10.3			4700
63	665	---	---	---	---	---	---	0.96	13.8	62.1	9.10	6290	56.3	1068
		970	---	---	---	---	---	1.40	13.8	69.9	9.10			1550
			1210	---	---	---	---	1.75	13.8	74.0	9.10			1937
				1450	---	---	---	2.09	13.8	76.6	9.10			2323
					2055	---	---	2.96	13.8	81.3	9.10			3288
						2295	---	3.31	13.8	82.7	9.10			3674
							2660	3.83	13.7	84.2	9.10			4253

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione						
Excitation power	(w)	260	Tipo			
Cost. tempo eccitaz.			Size	MGL	80	M
Field time constant	(ms)	120	Ventilazione			
Massa del motore			Ventilation			
Mass of the motor	(Kg)	46.0			IC 06	
Momento d'inerzia rotore						
Rotor inertia moment	(Kgm2)	0.0085				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
64		800	--- 1010	--- --- 1220	--- --- 1750	--- --- 1960	--- --- 2275	1.17 1.47 1.78 2.55 2.85 3.31	14.0 13.9 13.9 13.9 13.9 13.9	66.5 70.7 74.2 79.7 81.0 82.8	8.0 8.0 8.0 8.0 8.0 8.0	8180	74.2	1283 1619 1956 2797 3134 3639	
65		715	--- 910	--- --- 1105	--- --- 1595	--- --- 1790	--- --- 2080	1.05 1.34 1.63 2.34 2.63 3.06	14.0 14.1 14.1 14.0 14.0 14.0	63.6 68.7 72.4 78.0 79.7 81.6	7.5 7.5 7.5 7.5 7.5 7.5	9540	85.4	1144 1456 1769 2550 2863 3331	
66		655	--- 835	--- --- 1020	--- --- 1475	--- --- 1655	--- --- 1930	0.97 1.25 1.52 2.20 2.47 2.88	14.1 14.3 14.2 14.2 14.3 14.2	62.1 67.7 71.4 77.5 79.1 81.1	7.1 7.1 7.1 7.1 7.1 7.1	10500	98.7	1045 1337 1628 2358 2649 3087	
67			755	--- 925	--- --- 1355	--- --- 1525	--- --- 1780	1.12 1.37 2.00 2.25 2.63	14.2 14.1 14.1 14.1 14.1	65.3 69.2 75.8 77.5 79.7	6.6 6.6 6.6 6.6 6.6	12300	113	1209 1483 2166 2440 2850	
68			695	--- 855	--- --- 1255	--- --- 1415	--- --- 1660	1.02 1.26 1.85 2.09 2.45	14.0 14.1 14.1 14.1 14.1	63.3 67.7 74.6 76.6 79.0	6.2 6.2 6.2 6.2 6.2	13800	129	1110 1367 2010 2268 2654	
69				730	--- 1090	--- --- 1235	--- --- 1450	1.09 1.62 1.84 2.16	14.3 14.2 14.2 14.2	64.9 72.3 74.7 77.1	5.6 5.6 5.6 5.6	16900	161	1169 1744 1975 2320	
70					950	--- 1080	--- --- 1275	1.40 1.59 1.87	14.1 14.1 14.0	70.0 72.3 74.8	5.0 5.0 5.0	21300	195	1517 1726 2038	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 260			Tipo				
								Cost. tempo eccitaz.			Size MGL 80 M				
								Field time constant (ms) 120			Ventilazione				
								Massa del motore			Ventilation IC 06				
								Mass of the motor (Kg) 46.0							
								Momento d'inerzia rotore							
								Rotor inertia moment (Kgm2) 0.0085							
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
Avv.	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
71					835	---	---	1.18	13.5	67.0	4.4	26600	231	1335	
					955	---	---	1.35	13.5	69.7	4.4			1525	
							1130	1.60	13.5	72.7	4.4			1811	
72					755	---	---	1.11	14.0	66.1	4.2	29100	277	1206	
					865	---	---	1.27	14.0	68.7	4.2			1381	
							1025	1.51	14.1	71.9	4.2			1643	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione					
Excitation power	(w)	290			
Cost. tempo eccitaz.					
Field time constant	(ms)	145			
Massa del motore					
Mass of the motor	(Kg)	53			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.011			
Tipo					
Size		MGL	80	L	
Ventilazione					
Ventilation					IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
50	2285	---	---	---	---	---	---	4.53	18.9	84.3	31.6	616	6.55	3653	
		3055	---	---	---	---	---	6.05	18.9	87.0	31.6			4700	
			3670	---	---	---	---	7.27	18.9	88.5	31.6			4700	
				4285	---	---	---	8.49	18.9	89.6	31.6			4700	
51	2060	---	---	---	---	---	---	3.86	17.9	83.5	27.2	761	7.66	3294	
		2760	---	---	---	---	---	5.17	17.9	86.4	27.2			4416	
			3315	---	---	---	---	6.21	17.9	87.8	27.2			4700	
				3875	---	---	---	7.26	17.9	89.0	27.2			4700	
52	1865	---	---	---	---	---	---	3.50	17.9	82.4	25	901	9.23	2982	
		2505	---	---	---	---	---	4.71	18.0	85.6	25			4007	
			3015	---	---	---	---	5.67	18.0	87.2	25			4700	
				3530	---	---	---	6.63	17.9	88.4	25			4700	
53	1690	---	---	---	---	---	---	3.35	18.9	81.1	24.3	1030	10.9	2706	
		2285	---	---	---	---	---	4.52	18.9	84.5	24.3			3652	
			2755	---	---	---	---	5.46	18.9	86.4	24.3			4410	
				3230	---	---	---	6.40	18.9	87.8	24.3			4700	
					4415	---	---	8.74	18.9	89.9	24.3			4700	
54	1545	---	---	---	---	---	---	3.06	18.9	79.6	22.6	1210	12.7	2469	
		2095	---	---	---	---	---	4.15	18.9	83.5	22.6			3348	
			2530	---	---	---	---	5.03	19.0	85.6	22.6			4052	
				2970	---	---	---	5.90	19.0	87.0	22.6			4700	
					4070	---	---	8.08	19.0	89.4	22.6			4700	
						4510	---	8.95	19.0	90.0	22.6			4700	
55	1320	---	---	---	---	---	---	2.53	18.3	77.9	19.1	1590	16.2	2115	
		1805	---	---	---	---	---	3.45	18.3	82.1	19.1			2885	
			2185	---	---	---	---	4.19	18.3	84.4	19.1			3500	
				2570	---	---	---	4.92	18.3	85.9	19.1			4115	
					3535	---	---	6.77	18.3	88.6	19.1			4700	
						3920	---	7.50	18.3	89.2	19.1			4700	
							4495	8.61	18.3	90.2	19.1			4700	
56	1140	---	---	---	---	---	---	2.22	18.6	75.5	17.3	2010	20.9	1820	
		1565	---	---	---	---	---	3.06	18.7	80.4	17.3			2504	
			1905	---	---	---	---	3.72	18.6	82.7	17.3			3051	
				2250	---	---	---	4.39	18.6	84.6	17.3			3598	
					3105	---	---	6.06	18.6	87.6	17.3			4700	
						3445	---	6.73	18.7	88.4	17.3			4700	
							3960	7.73	18.6	89.4	17.3			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione								
Excitation power	(w)	290	Tipo					
Cost. tempo eccitaz.			Size	MGL	80	L		
Field time constant	(ms)	145	Ventilazione					
Massa del motore			Ventilation					
Mass of the motor	(Kg)	53						
Momento d'inerzia rotore								
Rotor inertia moment	(Kgm ²)	0.011						

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
57	1055	---	---	---	---	---	---	2.08	18.8	74.2	16.5	2270	23.3	1689
		1460	---	---	---	---	---	2.87	18.8	79.1	16.5			2337
			1785	---	---	---	---	3.51	18.8	81.8	16.5			2855
				2110	---	---	---	4.14	18.7	83.6	16.5			3373
					2920	---	---	5.74	18.8	87.0	16.5			4668
						3240	---	6.37	18.8	87.7	16.5			4700
							3725	7.33	18.8	88.8	16.5			4700
58	925	---	---	---	---	---	---	1.80	18.6	71.5	14.8	2820	28.2	1479
		1290	---	---	---	---	---	2.51	18.6	77.1	14.8			2065
			1585	---	---	---	---	3.09	18.6	80.3	14.8			2534
				1875	---	---	---	3.66	18.6	82.4	14.8			3003
					2610	---	---	5.08	18.6	85.8	14.8			4175
						2900	---	5.66	18.6	86.9	14.8			4643
							3340	6.51	18.6	88.0	14.8			4700
59	835	---	---	---	---	---	---	1.65	18.9	70.8	13.7	3160	33.7	1333
		1165	---	---	---	---	---	2.31	18.9	76.6	13.7			1868
			1435	---	---	---	---	2.84	18.9	79.7	13.7			2296
				1700	---	---	---	3.37	18.9	82.0	13.7			2724
					2370	---	---	4.69	18.9	85.6	13.7			3794
						2640	---	5.22	18.9	86.6	13.7			4222
							3040	6.01	18.9	87.7	13.7			4700
60	740	---	---	---	---	---	---	1.48	19.1	68.6	12.7	3750	40	1184
		1050	---	---	---	---	---	2.09	19.0	74.8	12.7			1676
			1295	---	---	---	---	2.58	19.0	78.1	12.7			2070
				1540	---	---	---	3.07	19.0	80.6	12.7			2460
					2155	---	---	4.30	19.1	84.6	12.7			3449
						2400	---	4.79	19.1	85.7	12.7			3842
							2770	5.52	19.0	86.9	12.7			4433
61	655	---	---	---	---	---	---	1.29	18.8	65.4	11.6	4570	46.7	1048
		940	---	---	---	---	---	1.85	18.8	72.5	11.6			1503
			1170	---	---	---	---	2.30	18.8	76.3	11.6			18636
				1395	---	---	---	2.74	18.8	78.7	11.6			2233
					1965	---	---	3.86	18.8	83.2	11.6			3144
						2195	---	4.31	18.8	84.4	11.6			3509
							2535	4.98	18.8	85.9	11.6			4056
62		820	---	---	---	---	---	1.59	18.5	70.2	10.3	5670	57.2	1308
			1025	---	---	---	---	1.98	18.4	73.9	10.3			1637
				1230	---	---	---	2.38	18.5	77.0	10.3			1965
					1740	---	---	3.38	18.5	82.0	10.3			2785
						1945	---	3.77	18.5	83.2	10.3			3113
							2255	4.37	18.5	84.9	10.3			3606
63		685	---	---	---	---	---	1.33	18.5	66.4	9.1			7260
			870	---	---	---	---	1.69	18.5	71.4	9.1	1389		
				1050	---	---	---	2.04	18.6	74.7	9.1	1678		
					1500	---	---	2.92	18.6	80.2	9.1	2402		
						1680	---	3.27	18.6	81.7	9.1	2692		
							1955	3.80	18.6	83.5	9.1	3126		

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	290
Cost. tempo eccitaz. Field time constant	(ms)	145
Massa del motore Mass of the motor	(Kg)	53
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.011
Tipo Size	MGL	80 L
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
64			720	---	---	---	---	1.41	18.7	67.8	8.0	9440	97.9	1151	
				875	---	---	---	1.72	18.8	71.7	8.0			1404	
					1270	---	---	2.49	18.7	77.8	8.0			2035	
						1430	---	2.80	18.7	79.5	8.0			2287	
							1665	3.27	18.8	81.8	8.0			2666	
65			640	---	---	---	---	1.27	18.9	65.1	7.5	11000	113	1027	
				790	---	---	---	1.56	18.9	69.3	7.5			1262	
					1155	---	---	2.29	18.9	76.3	7.5			1848	
						1300	---	2.58	19.0	78.2	7.5			2082	
							1520	3.01	18.9	80.3	7.5			2434	
66			590	---	---	---	---	1.18	19.1	63.9	7.1	12100	130	940	
				725	---	---	---	1.45	19.1	68.1	7.1			1159	
					1065	---	---	2.14	19.2	75.4	7.1			1706	
						1205	---	2.42	19.2	77.5	7.1			1925	
							1410	2.83	19.2	79.7	7.1			2253	
67				655	---	---	---	1.3	19.0	65.7	6.6	14200	149	1048	
					975	---	---	1.94	19.0	73.5	6.6			1561	
						1105	---	2.20	19.0	75.8	6.6			1766	
							1295	2.58	19.0	78.2	6.6			2074	
68				600	---	---	---	1.20	19.1	64.5	6.2	15900	170	963	
					905	---	---	1.79	18.9	72.2	6.2			1445	
						1025	---	2.03	18.9	74.4	6.2			1638	
							1205	2.39	18.9	77.1	6.2			1928	
69					780	---	---	1.56	19.1	69.6	5.6	19500	212	1246	
						885	---	1.78	19.2	72.2	5.6			1419	
							1050	2.10	19.1	75.0	5.6			1678	
70					670	---	---	1.33	19.0	66.5	5.0	24600	257	1075	
						770	---	1.52	18.9	69.1	5.0			1231	
							915	1.81	18.9	72.4	5.0			1466	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 290 Cost. tempo eccitaz. Field time constant (ms) 145 Massa del motore Mass of the motor (Kg) 53 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.011			Tipo Size MGL 80 L Ventilazione Ventilation IC 06				
Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW			Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
71					585	---	---	1.12 675 810	18.3 18.2 18.2	63.6 66.6 70.0	4.4 4.4 4.4	30700	305	937 1079 1293	
72						610	---	1.21 730	18.9 19.0	65.5 69.0	4.2 4.2	33600	365	974 1171	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	350
Cost. tempo eccitaz. Field time constant	(ms)	140
Massa del motore Mass of the motor	(Kg)	64.0
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.019
Tipo Size	MGL	100 S
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	3965	---	---	---	---	---	---	6.31	15.2	88.4	42.0	227	1.55	4700	
46	3260	---	---	---	---	---	---	6.28	18.4	88.0	42.0	274	2.25	4700	
		4305	---	---	---	---	---	8.29	18.4	89.7	42.0			4700	
47	2745	---	---	---	---	---	---	6.20	21.6	86.8	42.0	345	3.14	4389	
		3635	---	---	---	---	---	8.22	21.6	89.0	42.0			4700	
			4350	---	---	---	---	9.84	21.6	90.1	42.0			4700	
48	2340	---	---	---	---	---	---	6.07	24.8	85.0	42.0	439	4.12	3741	
		3120	---	---	---	---	---	8.09	24.8	87.6	42.0			4700	
			3745	---	---	---	---	9.72	24.8	89.0	42.0			4700	
				4370	---	---	---	11.3	24.7	89.7	42.0			4700	
49	2025	---	---	---	---	---	---	5.92	27.9	82.9	42.0	534	5.27	3236	
		2720	---	---	---	---	---	7.96	27.9	86.1	42.0			4349	
			3275	---	---	---	---	9.59	28.0	87.8	42.0			4700	
				3830	---	---	---	11.2	27.9	88.9	42.0			4700	
50	1775	---	---	---	---	---	---	5.30	28.5	81.0	38.5	676	6.50	2841	
		2400	---	---	---	---	---	7.19	28.6	84.9	38.5			3842	
			2900	---	---	---	---	8.66	28.5	86.5	38.5			4643	
				3400	---	---	---	10.1	28.4	87.4	38.5			4700	
					4655	---	---	13.9	28.5	90.3	38.5			4700	
51	1575	---	---	---	---	---	---	4.71	28.6	79.2	35.0	837	7.79	2523	
		2145	---	---	---	---	---	6.40	28.5	83.1	35.0			3433	
			2600	---	---	---	---	7.76	28.5	85.3	35.0			4162	
				3055	---	---	---	9.12	28.5	86.9	35.0			4700	
					4195	---	---	12.5	28.5	89.3	35.0			4700	
						4650	---	13.9	28.5	90.3	35.0			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione	(w)	350			
Excitation power	(w)	350			
Cost. tempo eccitaz.					
Field time constant	(ms)	140			
Massa del motore					
Mass of the motor	(Kg)	64.0			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.019			
Tipo					
Size			MGL	100	S
Ventilazione					
Ventilation				IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
52	1435	---	---	---	---	---	---	4.27	28.4	78.5	32.0	946	9.23	2296	
		1955	---	---	---	---	---	5.82	28.4	82.7	32.0			3131	
			2375	---	---	---	---	7.06	28.4	84.9	32.0			3798	
				2790	---	---	---	8.30	28.4	86.5	32.0			4466	
					3835	---	---	11.4	28.4	89.1	32.0			4700	
						4250	---	12.6	28.3	89.5	32.0			4700	
53	1290	---	---	---	---	---	---	3.77	27.9	76.5	29.0	1170	10.9	2065	
		1770	---	---	---	---	---	5.18	27.9	81.2	29.0			2835	
			2155	---	---	---	---	6.30	27.9	83.6	29.0			3452	
				2540	---	---	---	7.43	27.9	85.4	29.0			4068	
					3505	---	---	10.2	27.8	87.9	29.0			4700	
						3890	---	11.4	28.0	89.3	29.0			4700	
							4470	13.0	27.8	89.7	29.0			4700	
54	1185	---	---	---	---	---	---	3.54	28.5	75.7	27.5	1290	12.8	1894	
		1630	---	---	---	---	---	4.87	28.5	80.5	27.5			2609	
			1990	---	---	---	---	5.94	28.5	83.1	27.5			3181	
				2345	---	---	---	7.01	28.5	85.0	27.5			3753	
					3240	---	---	9.68	28.5	88.0	27.5			4700	
						3595	---	10.8	28.7	89.3	27.5			4700	
							4135	12.3	28.4	89.5	27.5			4700	
55	1080	---	---	---	---	---	---	3.21	28.4	74.0	25.5	1510	14.4	1728	
		1495	---	---	---	---	---	4.44	28.4	79.1	25.5			2396	
			1830	---	---	---	---	5.44	28.4	82.1	25.5			2930	
				2165	---	---	---	6.43	28.4	84.1	25.5			3464	
					3000	---	---	8.90	28.3	87.3	25.5			4700	
						3335	---	9.89	28.3	88.1	25.5			4700	
							3835	11.4	28.4	89.4	25.5			4700	
56	985	---	---	---	---	---	---	2.84	27.5	72.0	23.2	1800	16.5	1580	
		1380	---	---	---	---	---	3.97	27.5	77.8	23.2			2205	
			1690	---	---	---	---	4.87	27.5	80.7	23.2			2706	
				2005	---	---	---	5.77	27.5	82.9	23.2			3207	
					2785	---	---	8.02	27.5	86.4	23.2			4458	
						3100	---	8.92	27.5	87.4	23.2			4700	
							3570	10.3	27.6	88.8	23.2			4700	
57	915	---	---	---	---	---	---	2.74	28.6	71.3	22.6	1920	18.8	1468	
		1285	---	---	---	---	---	3.83	28.5	77.0	22.6			2056	
			1580	---	---	---	---	4.71	28.5	80.2	22.6			2528	
				1875	---	---	---	5.59	28.5	82.4	22.6			2999	
					2610	---	---	7.79	28.5	86.2	22.6			4177	
						2905	---	8.66	28.5	87.1	22.6			4648	
							3345	9.98	28.5	88.3	22.6			4700	
58	840	---	---	---	---	---	---	2.44	27.7	69.0	20.80	2250	20.7	1346	
		1190	---	---	---	---	---	3.45	27.7	75.4	20.80			1902	
			1465	---	---	---	---	4.26	27.8	78.8	20.80			2347	
				1745	---	---	---	5.07	27.7	81.3	20.80			2792	
					2440	---	---	7.09	27.7	85.2	20.80			3905	
						2720	---	7.90	27.7	86.3	20.80			4350	
							3135	9.11	27.7	87.6	20.80			4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	350	Tipo Size	MGL	100	S
Cost. tempo eccitaz. Field time constant	(ms)	140	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	64.0				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.019				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59	785	--- 1115	--- 1380	--- 1645	--- 2300	--- 2565	--- 2960	2.34 3.33 4.11 4.90 6.86 7.64 8.82	28.5 28.5 28.4 28.4 28.5 28.4 28.5	68.1 74.9 78.3 80.9 84.9 86.0 87.3	20.2 20.2 20.2 20.2 20.2 20.2 20.2	2400	23.4	1260 1786 2208 2630 3684 4105 4700	
60	720	--- 1035	--- 1285	--- 1535	--- 2160	--- 2410	--- 2785	2.11 3.02 3.75 4.48 6.30 7.03 8.13	28.0 27.9 27.9 27.9 27.9 27.9 27.9	66.0 73.0 76.7 79.4 83.8 85.0 86.5	18.8 18.8 18.8 18.8 18.8 18.8 18.8	2790	25.7	1155 1656 2056 2457 3458 3858 4459	
61	680	--- 980	--- 1215	--- 1455	--- 2050	--- 2290	--- 2645	2.02 2.90 3.61 4.32 6.08 6.79 7.85	28.4 28.3 28.4 28.4 28.3 28.3 28.3	65.3 72.4 76.3 79.1 83.5 84.8 86.3	18.2 18.2 18.2 18.2 18.2 18.2 18.2	2950	28.6	1088 1565 1947 2328 3282 3663 4235	
62	635	--- 920	--- 1145	--- 1375	--- 1945	--- 2170	--- 2515	1.90 2.75 3.43 4.10 5.81 6.49 7.51	28.6 28.5 28.6 28.5 28.5 28.6 28.5	63.9 71.4 75.4 78.1 83.0 84.3 85.8	17.5 17.5 17.5 17.5 17.5 17.5 17.5	3210	31.3	1017 1472 1836 2200 3110 3474 4020	
63		865	--- 1080	--- 1300	--- 1845	--- 2060	--- 2385	2.53 3.16 3.80 5.39 6.03 6.99	27.9 27.9 27.9 27.9 28.0 28.0	70.1 74.1 77.2 82.2 83.6 85.2	16.4 16.4 16.4 16.4 16.4 16.4	3610	34.1	1382 1730 2078 2949 3297 3819	
64		765	--- 965	--- 1165	--- 1665	--- 1865	--- 2165	2.26 2.85 3.44 4.92 5.51 6.39	28.2 28.2 28.2 28.2 28.2 28.2	67.6 72.1 75.4 80.9 82.4 84.1	15.2 15.2 15.2 15.2 15.2 15.2	4270	40.4	1225 1546 1866 2667 2987 3468	
65		680	--- 865	--- 1050	--- 1515	--- 1700	--- 1975	1.99 2.53 3.08 4.44 4.98 5.80	27.9 27.9 28.0 28.0 28.0 28.0	64.6 69.5 73.3 79.3 80.8 82.9	14.0 14.0 14.0 14.0 14.0 14.0	5110	47.0	1085 1382 1678 2420 2717 3162	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	350
Cost. tempo eccitaz.		
Field time constant	(ms)	140
Massa del motore		
Mass of the motor	(Kg)	64.0
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.019
Tipo		
Size	MGL	100 S
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
66		625	--- 800	--- --- 970	--- --- 1405	--- --- 1575	--- 1835	1.86 2.37 2.89 4.17 4.68 5.45	28.4 28.3 28.5 28.3 28.4 28.4	64.0 69.1 73.0 79.0 80.6 82.6	13.2 13.2 13.2 13.2 13.2 13.2	5510	54.7	1002 1278 1554 2245 2521 2935	
67			715	--- 875	--- --- 1280	--- --- 1440	--- 1680	2.10 2.57 3.76 4.23 4.94	28.0 28.0 28.1 28.1 28.1	66.2 70.2 77.0 78.8 81.0	12.2 12.2 12.2 12.2 12.2	6610	62.0	1145 1404 2049 2308 2695	
68			665	--- 815	--- --- 1195	--- --- 1345	--- 1575	2.01 2.47 3.61 4.07 4.76	28.9 28.9 28.8 28.9 28.9	65.5 69.8 76.5 78.4 80.7	11.8 11.8 11.8 11.8 11.8	7020	70.4	1063 1305 1912 2155 2519	
69				740	--- 1100	--- --- 1240	--- 1455	2.17 3.22 3.64 4.27	28.0 28.0 28.0 28.0	67.0 74.5 76.6 79.1	10.8 10.8 10.8 10.8	8390	79.2	1186 1758 1987 2330	
70				650	--- 980	--- --- 1110	--- 1310	1.88 2.83 3.21 3.78	27.6 27.6 27.6 27.6	63.9 72.2 74.4 77.1	9.8 9.8 9.8 9.8	10200	93.4	1041 1568 1778 2095	
71					855	--- 975	--- 1150	2.62 2.99 3.53	29.3 29.3 29.3	69.7 72.3 75.1	9.4 9.4 9.4	11800	114	1366 1557 1843	
72					790	--- 900	--- 1065	2.37 2.70 3.20	28.6 28.6 28.7	68.9 71.4 74.4	8.60 8.60 8.60	13300	132	1261 1439 1706	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 350			Tipo Size MGL 100 S Ventilazione Ventilation IC 06				
Cost. tempo eccitaz.								(ms) 140							
Field time constant								(ms) 140							
Massa del motore Mass of the motor (Kg) 64.0															
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.019															
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
Avv.	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
73					725	---	---	2.19	28.8	67.6	8.1	14800	151	1161	
					830	---	---	2.51	28.9	70.4	8.1			1328	
							985	2.98	28.9	73.6	8.1			1578	
74					660	---	---	1.94	28.1	65.5	7.4	17400	169	1058	
					760	---	---	2.22	27.9	68.2	7.4			1215	
							905	2.66	28.1	71.9	7.4			1450	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	380
Cost. tempo eccitaz.		
Field time constant	(ms)	165
Massa del motore		
Mass of the motor	(Kg)	72
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.023
Tipo		
Size	MGL	100 M
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	3290	--- 4335	---	---	---	---	---	6.32 8.33	18.3 18.3	88.5 90.2	42 42	250	1.87	4700 4700	
46	2705	--- 3575	---	---	---	---	---	6.28 8.30 9.92	22.2 22.2 22.2	88.0 89.8 90.8	42 42 42	302	2.73	4324 4700 4700	
47	2270	--- 3015	---	---	---	---	---	6.18 8.21 9.83 11.5	26.0 26.0 26.0 26.1	86.6 88.9 90.0 91.3	42 42 42 42	379	3.80	3629 4700 4700 4700	
48	1930	--- 2580	---	---	---	---	---	6.02 8.06 9.69 11.3	29.8 29.8 29.8 29.8	84.3 87.2 88.7 89.7	42 42 42 42	483	4.99	3084 4129 4700 4700	
49	1665	--- 2245	---	---	---	---	---	5.86 7.90 9.54 11.2 15.3	33.6 33.6 33.6 33.7 33.7	82.1 85.5 87.4 88.9 91.1	42 42 42 42 42	586	6.39	2661 3589 4332 4700 4700	
50	1455	--- 1980	---	---	---	---	---	5.22 7.10 8.60 10.1 13.8 15.3	34.3 34.2 34.3 34.3 34.1 34.2	79.8 83.8 85.9 87.4 89.6 90.3	38.5 38.5 38.5 38.5 38.5 38.5	742	7.88	2329 3164 3833 4501 4700 4700	
51	1290	--- 1765	---	---	---	---	---	4.63 6.33 7.70 9.06 12.5 13.8 15.9	34.3 34.2 34.3 34.3 34.4 34.2 34.3	77.8 82.2 84.6 86.3 89.3 89.6 90.9	35 35 35 35 35 35 35	919	9.44	1820 2504 3051 3598 4700 4700 4700	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione	(w)	380	Tipo		
Excitation power	(w)	380	Size	MGL	100 M
Cost. tempo eccitaz.			Ventilazione		
Field time constant	(ms)	165	Ventilation		IC 06
Massa del motore					
Mass of the motor	(Kg)	72			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.023			

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	1170	---	---	---	---	---	---	4.19	34.2	77.0	32	1040	11.2	1875
		1605	---	---	---	---	---	5.75	34.2	81.7	32			2571
			1955	---	---	---	---	7.00	34.2	84.1	32			3128
				2305	---	---	---	8.25	34.2	85.9	32			3685
					3175	---	---	11.4	34.3	89.1	32			4700
						3520	---	12.6	34.2	89.5	32			4700
							4045	14.5	34.2	90.6	32			4700
53	1050	---	---	---	---	---	---	3.69	33.6	74.8	29	1280	13.2	1281
		1450	---	---	---	---	---	5.10	33.6	79.9	29			2324
			1775	---	---	---	---	6.23	33.5	82.6	29			2838
				2095	---	---	---	7.36	33.5	84.6	29			3352
					2900	---	---	10.2	33.6	87.9	29			4638
						3220	---	11.3	33.5	88.6	29			4700
							3700	13.0	33.6	89.7	29			4700
54	960	---	---	---	---	---	---	3.46	34.4	74.0	27.5	1420	15.5	1539
		1335	---	---	---	---	---	4.80	34.3	79.3	27.5			2136
			1635	---	---	---	---	5.87	34.3	82.1	27.5			2614
				1930	---	---	---	6.94	34.3	84.1	27.5			3091
					2680	---	---	9.62	34.3	87.5	27.5			4285
						2975	---	10.7	34.3	88.4	27.5			4700
							3425	12.3	34.3	89.5	27.5			4700
55	875	---	---	---	---	---	---	3.12	34.1	72.0	25.5	1660	17.4	1400
		1225	---	---	---	---	---	4.37	34.1	77.9	25.5			1957
			1500	---	---	---	---	5.36	34.1	80.8	25.5			2403
				1780	---	---	---	6.36	34.1	83.1	25.5			2849
					2475	---	---	8.84	34.1	86.7	25.5			3963
						2755	---	9.84	34.1	87.7	25.5			4409
							3175	11.3	34.0	88.6	25.5			4700
56	795	---	---	---	---	---	---	2.76	33.2	70.0	23.2	1970	20.0	1275
		1125	---	---	---	---	---	3.89	33.0	76.2	23.2			1798
			1385	---	---	---	---	4.80	33.1	79.6	23.2			2216
				1645	---	---	---	5.70	33.1	81.9	23.2			2634
					2300	---	---	7.96	33.0	85.8	23.2			3678
						2560	---	8.87	33.1	86.9	23.2			4096
							2950	10.2	33.0	87.9	23.2			4700
57	740	---	---	---	---	---	---	2.65	34.2	69.0	22.6	2100	22.8	1183
		1045	---	---	---	---	---	3.76	34.4	75.6	22.6			1675
			1290	---	---	---	---	4.64	34.3	79.0	22.6			2068
				1540	---	---	---	5.52	34.2	81.4	22.6			2461
					2155	---	---	7.72	34.2	85.4	22.6			3444
						2400	---	8.61	34.3	86.6	22.6			3838
							2765	9.93	34.3	87.9	22.6			4428
58	675	---	---	---	---	---	---	2.36	33.4	66.7	20.8	2480	25.1	1081
		965	---	---	---	---	---	3.37	33.3	73.6	20.8			1545
			1200	---	---	---	---	4.18	33.3	77.3	20.8			1916
				1430	---	---	---	5.00	33.4	80.1	20.8			2288
					2010	---	---	7.02	33.4	84.4	20.8			3216
						2240	---	7.83	33.4	85.6	20.8			3588
							2590	9.05	33.4	87.0	20.8			4145

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	380
Cost. tempo eccitaz.		
Field time constant	(ms)	165
Massa del motore		
Mass of the motor	(Kg)	72
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.023
Tipo		
Size	MGL	100 M
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
59	630	---	---	---	---	---	---	2.26	34.3	65.8	20.2	2630	28.3	1009
		905	---	---	---	---	---	3.25	34.3	73.1	20.2			1449
			1125	---	---	---	---	4.03	34.2	76.7	20.2			1801
				1345	---	---	---	4.82	34.2	79.5	20.2			2153
					1895	---	---	6.79	34.2	84.0	20.2			3033
						2115	---	7.58	34.2	85.3	20.2			3385
							2445	8.76	34.2	86.7	20.2			3912
60		835	---	---	---	---	---	2.94	33.6	71.1	18.8	3070	31.1	1338
			1045	---	---	---	---	3.67	33.5	75.1	18.8			1673
				1255	---	---	---	4.40	33.5	78.0	18.8			2007
					1775	---	---	6.23	33.5	82.8	18.8			2843
						1985	---	6.97	33.5	84.3	18.8			3177
							2300	8.07	33.5	85.9	18.8			3678
61		790	---	---	---	---	---	2.82	34.1	70.4	18.2	3240	34.7	1264
			990	---	---	---	---	3.53	34.0	74.6	18.2			1583
				1190	---	---	---	4.24	34.0	77.7	18.2			1901
					1685	---	---	6.01	34.1	82.6	18.2			2697
						1885	---	6.72	34.0	83.9	18.2			3015
							2185	7.79	34.0	85.6	18.2			3493
62		740	---	---	---	---	---	2.67	34.5	69.4	17.5	3530	37.9	1186
			930	---	---	---	---	3.35	34.4	73.6	17.5			1490
				1120	---	---	---	4.03	34.4	76.8	17.5			1794
					1595	---	---	5.74	34.4	82.0	17.5			2554
						1785	---	6.42	34.3	83.4	17.5			2858
							2070	7.44	34.3	85.0	17.5			3314
63		695	---	---	---	---	---	2.44	33.5	67.6	16.4	3970	41.3	1111
			875	---	---	---	---	3.08	33.6	72.2	16.4			1401
				1055	---	---	---	3.72	33.7	75.6	16.4			1692
					1510	---	---	5.32	33.6	81.1	16.4			2419
						1695	---	5.96	33.6	82.6	16.4			2709
							1965	6.92	33.6	84.4	16.4			3145
64		615	---	---	---	---	---	2.17	33.7	64.9	15.2	4690	49.0	980
			780	---	---	---	---	2.77	33.9	70.1	15.2			1248
				945	---	---	---	3.36	34.0	73.7	15.2			1515
					1365	---	---	4.84	33.9	79.6	15.2			2184
						1530	---	5.43	33.9	81.2	15.2			2451
							1785	6.32	33.8	83.2	15.2			2852
65			695	---	---	---	---	2.45	33.7	67.3	14	5610	56.9	1110
				850	---	---	---	2.99	33.6	71.2	14			1358
					1235	---	---	4.36	33.7	77.9	14			1977
						1390	---	4.90	33.7	79.5	14			2224
							1620	5.72	33.7	81.7	14			2596

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	380
Cost. tempo eccitaz.		
Field time constant	(ms)	165
Massa del motore		
Mass of the motor	(Kg)	72
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.023
Tipo		
Size	MGL	100 M
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
66			640	---	---	---	---	2.29	34.2	66.7	13.2	6050	66.3	1026	
				785	---	---	---	2.81	34.2	71.0	13.2			1257	
					1145	---	---	4.09	34.1	77.5	13.2			1833	
						1290	---	4.61	34.1	79.4	13.2			2063	
							1505	5.38	34.1	81.5	13.2			2409	
67			570	---	---	---	---	2.01	33.7	63.4	12.2	7260	75.1	913	
				705	---	---	---	2.49	33.7	68.0	12.2			1129	
					1045	---	---	3.68	33.6	75.4	12.2			1668	
						1175	---	4.16	33.8	77.5	12.2			1884	
							1380	4.87	33.7	79.8	12.2			2207	
68				655	---	---	---	2.38	34.7	67.2	11.8	7700	85.3	1049	
					970	---	---	3.53	34.8	74.8	11.8			1555	
						1100	---	3.99	34.6	76.8	11.8			1758	
							1290	4.69	34.7	79.5	11.8			2062	
69				590	---	---	---	2.09	33.8	64.5	10.8	9210	95.9	947	
					890	---	---	3.14	33.7	72.7	10.8			1425	
						1010	---	3.56	33.7	74.9	10.8			1616	
							1190	4.20	33.7	77.8	10.8			1903	
70					790	---	---	2.75	33.2	70.2	9.8	11300	113	1265	
						900	---	3.13	33.2	72.6	9.8			1441	
							1065	3.70	33.2	75.5	9.8			1705	
71					685	---	---	2.53	35.3	67.3	9.4	13000	139	1097	
						785	---	2.90	35.3	70.1	9.4			1256	
							935	3.45	35.2	73.4	9.4			1495	
72					630	---	---	2.28	34.6	66.3	8.6	14600	160	1011	
						725	---	2.62	34.5	69.2	8.6			1160	
							865	3.12	34.4	72.6	8.6			1382	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 380 Cost. tempo eccitaz. Field time constant (ms) 165 Massa del motore Mass of the motor (Kg) 72 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.023			Tipo Size MGL 100 M Ventilazione Ventilation IC 06						
Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura circuit Corrente Current Amp			Res. 115°C mOhm	Ind. mH	Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW									
73					580	---	---	2.11 665 800	34.7 34.8 34.6	65.1 67.9 71.6	8.1 8.1 8.1	16200	183			929 1068 1277	
74						610	---	2.14 730	33.5 33.7	65.7 69.7	7.4 7.4	19100	205			973 1170	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	430
Cost. tempo eccitaz.		
Field time constant	(ms)	180
Massa del motore		
Mass of the motor	(Kg)	82
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.028
Tipo		
Size	MGL	100 L
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
45	2525	---	---	---	---	---	---	6.32	23.9	88.5	42	283	2.33	4043
		3335	---	---	---	---	---	8.35	23.9	90.4	42			4700
			3985	---	---	---	---	9.97	23.9	91.3	42			4700
				4635	---	---	---	11.6	23.9	92.1	42			4700
46	2075	---	---	---	---	---	---	6.26	28.8	87.7	42	341	3.39	3317
		2750	---	---	---	---	---	8.30	28.8	89.8	42			4396
			3290	---	---	---	---	9.93	28.8	90.9	42			4700
				3830	---	---	---	11.6	28.9	92.1	42			4700
47	1735	---	---	---	---	---	---	6.13	33.7	85.9	42	427	4.73	2776
		2315	---	---	---	---	---	8.18	33.7	88.5	42			3701
			2775	---	---	---	---	9.81	33.8	89.8	42			4442
				3240	---	---	---	11.4	33.6	90.5	42			4700
					4395	---	---	15.5	33.7	92.3	42			4700
48	1470	---	---	---	---	---	---	5.95	38.7	83.3	42	543	6.21	2350
		1975	---	---	---	---	---	8.00	38.7	86.6	42			3159
			2380	---	---	---	---	9.64	38.7	88.3	42			3807
				2785	---	---	---	11.3	38.7	89.7	42			4455
					3795	---	---	15.4	38.8	91.7	42			4700
						4200	---	17.0	38.7	92.0	42	659		4700
49	1260	---	---	---	---	---	---	5.76	43.7	80.7	42	586	7.95	2019
		1710	---	---	---	---	---	7.82	43.7	84.6	42			2738
			2070	---	---	---	---	9.46	43.6	86.6	42			3314
				2430	---	---	---	11.1	43.6	88.1	42			3890
					3330	---	---	15.2	43.6	90.5	42			4700
						3690	---	16.9	43.7	91.5	42			4700
							4230	19.3	43.6	91.9	42			4700
50	1100	---	---	---	---	---	---	5.12	44.4	78.2	38.5	835	9.8	1759
		1505	---	---	---	---	---	7.00	44.4	82.6	38.5			2407
			1830	---	---	---	---	8.51	44.4	85.0	38.5			2925
				2150	---	---	---	10.0	44.4	86.6	38.5			3443
					2960	---	---	13.8	44.5	89.6	38.5			4700
						3285	---	15.3	44.5	90.3	38.5			4700
							3770	17.5	44.3	90.9	38.5			4700
51	970	---	---	---	---	---	---	4.51	44.4	75.8	35	1030	11.7	1552
		1340	---	---	---	---	---	6.23	44.4	80.9	35			2141
			1630	---	---	---	---	7.60	44.5	83.5	35			2612
				1925	---	---	---	8.97	44.5	85.4	35			3083
					2665	---	---	12.4	44.4	88.6	35			4261
						2955	---	13.8	44.6	89.6	35			4700
							3400	15.8	44.4	90.3	35			4700

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	430		
Cost. tempo eccitaz.				
Field time constant	(ms)	180		
Massa del motore				
Mass of the motor	(Kg)	82		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.028		
Tipo				
Size		MGL	100	L
Ventilazione				
Ventilation			IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	880	---	---	---	---	---	---	4.08	44.3	75.0	32	1170	13.9	1408
		1215	---	---	---	---	---	5.65	44.4	80.3	32			1948
			1485	---	---	---	---	6.90	44.4	82.9	32			2380
				1755	---	---	---	8.15	44.3	84.9	32			2811
					2430	---	---	11.3	44.4	88.3	32			3891
						2700	---	12.5	44.2	88.8	32			4323
							3105	14.4	44.3	90.0	32			4700
53	785	---	---	---	---	---	---	3.58	43.5	72.6	29	1440	16.4	1256
		1095	---	---	---	---	---	5.00	43.6	78.4	29			1755
			1345	---	---	---	---	6.13	43.5	81.3	29			2153
				1595	---	---	---	7.27	43.5	83.6	29			2552
					2220	---	---	10.1	43.4	87.1	29			3549
						2465	---	11.2	43.4	87.8	29			3948
							2840	12.9	43.4	89.0	29			4546
54	720	---	---	---	---	---	---	3.34	44.3	71.4	27.5	1590	19.3	1148
		1005	---	---	---	---	---	4.69	44.6	77.5	27.5			1611
			1240	---	---	---	---	5.77	44.4	80.7	27.5			1981
				1470	---	---	---	6.84	44.4	82.9	27.5			2351
					2050	---	---	9.54	44.4	86.7	27.5			3277
						2280	---	10.6	44.4	87.6	27.5			3647
							2625	12.2	44.4	88.7	27.5			4202
55	650	---	---	---	---	---	---	3.01	44.2	69.4	25.5	1870	21.7	1039
		920	---	---	---	---	---	4.25	44.1	75.8	25.5			1471
			1135	---	---	---	---	5.25	44.2	79.2	25.5			1817
				1350	---	---	---	6.25	44.2	81.7	25.5			2162
					1890	---	---	8.75	44.2	85.8	25.5			3026
						2105	---	9.75	44.2	86.9	25.5			3372
							2430	11.2	44.0	87.8	25.5			3890
56	590	---	---	---	---	---	---	2.64	42.7	66.9	23.2	2220	24.8	942
		840	---	---	---	---	---	3.78	43.0	74.1	23.2			1347
			1045	---	---	---	---	4.69	42.9	77.8	23.2			1671
				1245	---	---	---	5.60	43.0	80.5	23.2			1995
					1755	---	---	7.87	42.8	84.8	23.2			2805
						1955	---	8.78	42.9	86.0	23.2			3129
							2260	10.1	42.7	87.1	23.2			3614
57	545	---	---	---	---	---	---	2.53	44.3	65.9	22.6	2370	28.3	872
		785	---	---	---	---	---	3.64	44.3	73.2	22.6			1253
			975	---	---	---	---	4.53	44.4	77.1	22.6			1558
				1165	---	---	---	5.41	44.3	79.8	22.6			1863
					1640	---	---	7.63	44.4	84.4	22.6			2625
						1830	---	8.51	44.4	85.6	22.6			2930
							2115	9.84	44.4	87.1	22.6			3387
58		720	---	---	---	---	---	3.26	43.2	71.2	20.8	2790	31.2	1151
			900	---	---	---	---	4.07	43.2	75.3	20.8			1439
				1080	---	---	---	4.89	43.2	78.4	20.8			1727
					1530	---	---	6.92	43.2	83.2	20.8			2446
						1710	---	7.74	43.2	84.6	20.8			2734
							1980	8.96	43.2	86.2	20.8			3166

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	430
Cost. tempo eccitaz.		
Field time constant	(ms)	180
Massa del motore		
Mass of the motor	(Kg)	82
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.028
Tipo		
Size	MGL	100 L
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
59		675	--- 845	--- 1015	--- 1440	--- 1610	--- 1865	3.13 3.92 4.71 6.69 7.48 8.67	44.3 44.3 44.3 44.4 44.4 44.4	70.4 74.6 77.7 82.8 84.2 85.8	20.2 20.2 20.2 20.2 20.2 20.2	2960	35.2	1078 1351 1623 2305 2578 2987	
60		620	--- 780	--- 945	--- 1350	--- 1510	--- 1755	2.81 3.55 4.29 6.13 6.87 7.97	43.3 43.5 43.4 43.4 43.4 43.4	67.9 72.6 76.1 81.5 83.1 84.8	18.8 18.8 18.8 18.8 18.8 18.8	3460	38.7	990 1250 1509 257 2416 2804	
61		585	--- 740	--- 895	--- 1280	--- 1430	--- 1665	2.70 3.41 4.13 5.91 6.62 7.69	44.1 44.0 44.1 44.1 44.2 44.1	67.4 72.1 75.6 81.2 82.7 84.5	18.2 18.2 18.2 18.2 18.2 18.2	3650	43.1	934 1181 1428 2045 2292 2662	
62		545	--- 695	--- 840	--- 1210	--- 1355	--- 1575	2.54 3.23 3.92 5.63 6.32 7.34	44.5 44.4 44.6 44.4 44.5 44.5	66.0 71.0 74.7 80.4 82.1 83.9	17.5 17.5 17.5 17.5 17.5 17.5	3970	47.1	874 1110 1345 1934 2170 2523	
63		510	--- 650	--- 790	--- 1145	--- 1285	--- 1495	2.32 2.97 3.61 5.21 5.86 6.82	43.4 43.6 43.6 43.5 43.5 43.6	64.3 69.7 73.4 79.4 81.2 83.2	16.4 16.4 16.4 16.4 16.4 16.4	4470	51.3	815 1040 1265 1829 2054 2392	
64			575	--- 705	--- 1030	--- 1160	--- 1355	2.65 3.24 4.73 5.33 6.22	44.0 43.9 43.9 43.9 43.8	67.1 71.1 77.8 79.7 81.8	15.2 15.2 15.2 15.2 15.2	5270	61.0	921 1129 1647 1854 2165	
65			510	--- 630	--- 930	--- 1050	--- 1230	2.32 2.87 4.24 4.79 5.62	43.4 43.5 43.5 43.6 43.6	63.7 68.3 75.7 77.8 80.3	14 14 14 14 14	6310	70.8	813 1005 1485 1677 1965	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	430
Cost. tempo eccitaz.		
Field time constant	(ms)	180
Massa del motore		
Mass of the motor	(Kg)	82
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.028
Tipo		
Size	MGL	100 L
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	170	220	260	300	400	440	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
66				580	---	---	---	2.69	44.3	67.9	13.2	6800	82.4	930	
					860	---	---	3.98	44.2	75.4	13.2			1376	
						970	---	4.50	44.3	77.5	13.2			1555	
							1140	5.28	44.2	80.0	13.2			1823	
67				520	---	---	---	2.37	43.5	64.8	12.2	8160	93.4	829	
					780	---	---	3.56	43.6	73.0	12.2			1247	
						885	---	4.04	43.6	75.3	12.2			1414	
							1040	4.76	43.7	78.0	12.2			1665	
68				480	---	---	---	2.26	45.0	63.8	11.8	8660	106	768	
					725	---	---	3.42	45.0	72.5	11.8			1161	
						825	---	3.88	44.9	74.7	11.8			1318	
							970	4.58	45.1	77.6	11.8			1554	
69					660	---	---	3.03	43.8	70.1	10.8	10400	119	1059	
						755	---	3.45	43.6	72.6	10.8			1207	
							895	4.08	43.5	75.6	10.8			1429	
70					585	---	---	2.63	42.9	67.1	9.8	12700	141	934	
						670	---	3.01	42.9	69.8	9.8			1070	
							795	3.59	43.1	73.3	9.8			1275	
71					500	---	---	2.40	45.8	63.8	9.4	14700	172	802	
						580	---	2.77	45.6	67.0	9.4			926	
							695	3.32	45.6	70.6	9.4			1111	
72												16400	199		
						535	---	2.50	44.6	66.1	8.6			854	
							640	3.00	44.8	69.8	8.6			1026	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 430 Cost. tempo eccitaz. Field time constant (ms) 180 Massa del motore Mass of the motor (Kg) 82 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.028			Tipo Size MGL 100 L Ventilazione Ventilation IC 06						
Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit Corrente Current Amp			Res. 115°C mOhm	Ind. mH	Max giri Max. speed (°)	
	170	220	260	300	400	440	500	kW									
73						490	- - - 590	2.31 2.78	45.0 45.0	64.8 68.6	8.1 8.1	18200	228			784 946	
74							540	2.46	43.5	66.5	7.4	21400	255			862	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



MOTORI C.C. SERIE MGL
GLEICHSTROMMOTOREN SERIE MGL
D.C. MOTORS SERIES MGL

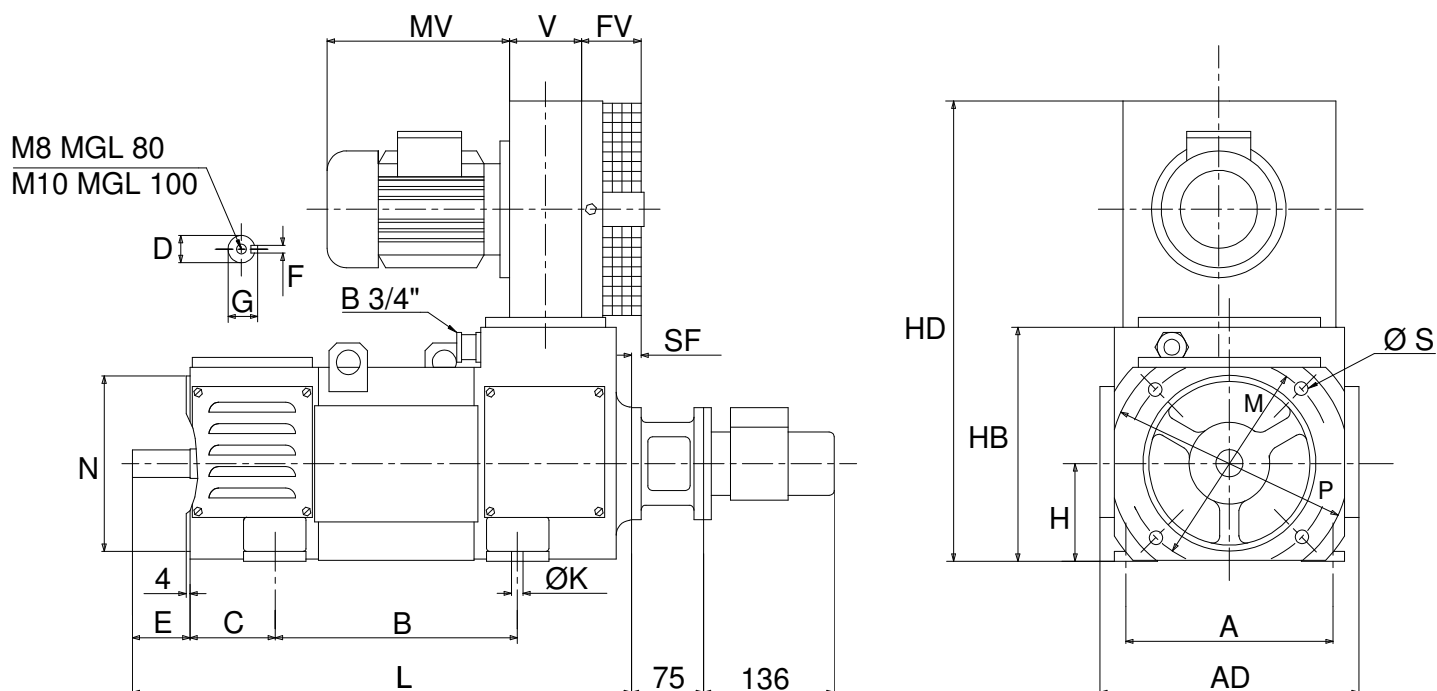
Forma costr. IM B3/B5 e derivate - Mounting IM B3/B5 and derived

Protezione IP23S - Protection IP23S

Ventilazione IC06 - Cooling IC06

IN H 03

Foglio/Seite/Sheet
D 09 93



MORSETTIERA INTERNA AL COPERCHIO LATO OPPOSTO

TERMINAL BOARD INTERNAL TO CAP COLLECTOR SIDE

TIPO	PIAZZAMENTO					ALBERO				FLANGIA				INGOMBRO				ELETTOVENT.				
	A	B	C	H	K	E	D	F	G	M	N	S	P	HD	HB	L	AD	FV	MV	V	SF	
80																						
	S	160														405						
	M	170	185	82	80	9	50	24	8	27	165	130	11,5	200	385	196	430	215	60	150	100	24
	L	220														465						
100																						
	S	192														460						
	M	216	217	89	100	12	60	28	8	31	215	180	14	250	465	240	485	260	65	185	92	12
	L	252														520						



Potenza eccitazione		
Excitation power	(w)	500
Cost. tempo eccitaz.		
Field time constant	(ms)	130
Massa del motore		
Mass of the motor	(Kg)	82.0
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.039
Tipo		
Size	MGL	112 S
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
46	3445	--- 4105	---	---	---	---	---	13.3 15.8	36.9 36.8	88.9 89.4	68.0 68.0	126	1.16	4600 4600	*
47	2745	--- 3285	---	---	---	---	---	13.0 15.6	45.2 45.3	86.9 88.2	68.0 68.0	231	1.96	4390 4600	
48	2225	--- 2675	---	---	---	---	---	12.8 15.4 24.4	54.9 55.0 54.7	85.6 87.1 89.7	68.0 68.0 68.0	313	2.83	3558 4282 4600	*
49	1865	--- 2255	---	---	---	---	---	10.9 13.2 21.1 23.4 24.5 25.1	55.8 55.9 55.8 55.9 55.8 55.9	84.0 86.0 89.4 90.1 90.3 90.5	59.0 59.0 59.0 59.0 59.0 59.0	429	3.83	2987 3608 4600 4600 4600 4600	
50	1605	--- 1945	---	---	---	---	---	9.48 11.5 18.5 20.5 21.5 22.0 23.5	56.4 56.5 56.4 56.4 56.4 56.4 56.4	82.9 85.1 88.9 89.6 89.9 90.0 90.4	52.0 52.0 52.0 52.0 52.0 52.0 52.0	553	5.03	2567 3110 4301 4354 4377 4388 4418	
51	1405	--- 1705	---	---	---	---	---	8.28 10.1 16.3 18.1 18.9 19.4 20.7	56.3 56.6 56.4 56.5 56.1 56.3 56.2	81.8 84.4 88.6 89.4 89.3 89.7 90.0	46.0 46.0 46.0 46.0 46.0 46.0 46.0	691	6.35	2245 2728 3835 3884 3905 3915 3942	
52	1235	--- 1505	---	---	---	---	---	7.40 9.03 14.7 16.4 17.2 17.6 18.8	57.2 57.3 57.2 57.5 57.3 57.4 57.3	80.1 82.7 87.5 88.7 89.0 89.2 89.5	42.0 42.0 42.0 42.0 42.0 42.0 42.0	857	7.82	1975 2409 3404 3447 3466 3475 3499	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	500
Cost. tempo eccitaz.		
Field time constant	(ms)	130
Massa del motore		
Mass of the motor	(Kg)	82.0
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.039
Tipo		
Size	MGL	112 S
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
53	1100	---	---	---	---	---	---	6.57	57.0	78.6	38.0	1040	9.53	1759
		1345	---	---	---	---	---	8.05	57.2	81.5	38.0			2154
			2210	---	---	---	---	13.2	57.0	86.8	38.0			3103
				2455	---	---	---	14.7	57.2	87.9	38.0			3143
					2580	---	---	15.4	57.0	88.1	38.0			3161
						2640	---	15.8	57.2	88.5	38.0			3169
							2825	16.9	57.1	88.9	38.0			3192
54	960	---	---	---	---	---	---	5.60	55.7	74.9	34.0	1420	11.2	1535
		1185	---	---	---	---	---	6.92	55.8	78.3	34.0			1897
			1975	---	---	---	---	11.5	55.6	84.6	34.0			2896
				2205	---	---	---	12.9	55.9	86.2	34.0			2936
					2315	---	---	13.5	55.7	86.3	34.0			2953
						2375	---	13.8	55.5	86.4	34.0			2962
							2545	14.8	55.5	87.1	34.0			2984
55	895	---	---	---	---	---	---	5.33	56.9	75.7	32.0	1460	13.3	1430
		1105	---	---	---	---	---	6.57	56.8	79.0	32.0			1764
			1835	---	---	---	---	10.9	56.7	85.2	32.0			2630
				2040	---	---	---	12.2	57.1	86.6	32.0			2666
					2145	---	---	12.8	57.0	87.0	32.0			2681
						2200	---	13.1	56.9	87.1	32.0			2688
							2355	14.0	56.8	87.5	32.0			2708
56	810	---	---	---	---	---	---	4.80	56.6	74.0	29.5	1720	15.3	1297
		1005	---	---	---	---	---	5.95	56.5	77.6	29.5			1608
			1685	---	---	---	---	9.97	56.5	84.5	29.5			2454
				1875	---	---	---	11.1	56.5	85.5	29.5			2488
					1975	---	---	11.7	56.6	86.2	29.5			2503
						2025	---	12.0	56.6	86.5	29.5			2510
							2170	12.8	56.3	86.8	29.5			2529
57	735	---	---	---	---	---	---	4.35	56.5	71.9	27.5	2020	17.5	1176
		915	---	---	---	---	---	5.42	56.6	75.8	27.5			1465
			1550	---	---	---	---	9.17	56.5	83.4	27.5			2288
				1730	---	---	---	10.2	56.3	84.3	27.5			2321
					1820	---	---	10.8	56.7	85.4	27.5			2335
						1865	---	11.0	56.3	85.1	27.5			2342
							2000	11.8	56.3	85.8	27.5			2360
58	680	---	---	---	---	---	---	4.06	57.0	71.0	26.0	2210	20.1	1088
		850	---	---	---	---	---	5.07	57.0	75.0	26.0			1360
			1445	---	---	---	---	8.62	57.0	82.9	26.0			2128
				1615	---	---	---	9.63	56.9	84.2	26.0			2158
					1700	---	---	10.1	56.7	84.4	26.0			2172
						1740	---	10.4	57.1	85.1	26.0			2178
							1870	11.1	56.7	85.4	26.0			2195
59	625	---	---	---	---	---	---	3.65	55.8	69.1	24.0	2570	22.3	997
		785	---	---	---	---	---	4.58	55.7	73.4	24.0			1253
			1340	---	---	---	---	7.85	55.9	81.8	24.0			2033
				1500	---	---	---	8.79	56.0	83.2	24.0			2063
					1580	---	---	9.26	56.0	83.9	24.0			2077
						1620	---	9.49	55.9	84.1	24.0			2083
							1740	10.2	56.0	85.0	24.0			2100

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	500
Cost. tempo eccitaz. Field time constant	(ms)	130
Massa del motore Mass of the motor	(Kg)	82.0
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.039
Tipo Size	MGL	112 S
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
60	580	---	---	---	---	---	---	3.49	57.5	67.8	23.4	2760	25.4	924	
		730	---	---	---	---	---	4.41	57.7	72.5	23.4			1166	
			1255	---	---	---	---	7.60	57.8	81.2	23.4			1866	
				1405	---	---	---	8.51	57.8	82.7	23.4			1893	
					1480	---	---	8.97	57.9	83.3	23.4			1905	
						1520	---	9.19	57.7	83.6	23.4			1911	
							1635	9.88	57.7	84.4	23.4			1926	
61	530	---	---	---	---	---	---	3.15	56.8	66.0	21.7	3180	28.2	851	
		675	---	---	---	---	---	4.00	56.6	70.9	21.7			1080	
			1175	---	---	---	---	6.96	56.6	80.2	21.7			1798	
				1320	---	---	---	7.80	56.4	81.7	21.7			1825	
					1390	---	---	8.22	56.5	82.3	21.7			1837	
						1425	---	8.44	56.6	82.8	21.7			1842	
							1530	9.07	56.6	83.6	21.7			1858	
62	495	---	---	---	---	---	---	2.99	57.7	64.7	21.0	3430	31.2	792	
		630	---	---	---	---	---	3.81	57.8	69.8	21.0			1009	
			1105	---	---	---	---	6.67	57.6	79.4	21.0			1698	
				1240	---	---	---	7.49	57.7	81.1	21.0			1725	
					1310	---	---	7.90	57.6	81.8	21.0			1736	
						1345	---	8.10	57.5	82.1	21.0			1741	
							1445	8.72	57.6	83.0	21.0			1756	
63		590	---	---	---	---	---	3.48	56.3	68.3	19.6	3850	34.5	943	
			1040	---	---	---	---	6.16	56.6	78.6	19.6			1624	
				1170	---	---	---	6.92	56.5	80.2	19.6			1650	
					1235	---	---	7.30	56.4	81.0	19.6			1661	
						1270	---	7.49	56.3	81.3	19.6			1666	
							1365	8.07	56.5	82.3	19.6			1680	
64		560	---	---	---	---	---	3.34	57.0	68.0	18.9	4060	38.1	894	
			990	---	---	---	---	5.92	57.1	78.3	18.9			1536	
				1115	---	---	---	6.65	57.0	80.0	18.9			1560	
					1175	---	---	7.02	57.1	80.7	18.9			1571	
						1205	---	7.21	57.1	81.2	18.9			1576	
							1300	7.76	57.0	82.1	18.9			1589	
65		520	---	---	---	---	---	3.14	57.7	66.4	18.2	4460	40.9	834	
			935	---	---	---	---	5.62	57.4	77.2	18.2			1458	
				1050	---	---	---	6.33	57.6	79.0	18.2			1481	
					1110	---	---	6.68	57.5	79.8	18.2			1492	
						1140	---	6.86	57.5	80.2	18.2			1496	
							1230	7.39	57.4	81.2	18.2			1509	
66		490	---	---	---	---	---	2.92	56.9	64.9	17.3	4900	44.9	783	
			885	---	---	---	---	5.28	57.0	76.3	17.3			1405	
				1000	---	---	---	5.96	56.9	78.3	17.3			1428	
					1055	---	---	6.29	56.9	79.0	17.3			1438	
						1085	---	6.46	56.9	79.4	17.3			1443	
							1170	6.97	56.9	80.6	17.3			1455	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	500
Cost. tempo eccitaz.		
Field time constant	(ms)	130
Massa del motore		
Mass of the motor	(Kg)	82.0
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.039
Tipo		
Size	MGL	112 S
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
67			830	---	---	---	---	5.11	58.8	74.7	17.1	5370	49.0	1311	
				940	---	---	---	5.77	58.6	76.7	17.1			1333	
					995	---	---	6.11	58.6	77.7	17.1			1342	
						1020	---	6.27	58.7	78.0	17.1			1347	
							1100	6.77	58.8	79.2	17.1			1359	
68			755	---	---	---	---	4.55	57.5	73.4	15.5	6240	57.1	1211	
				860	---	---	---	5.16	57.3	75.7	15.5			1255	
					910	---	---	5.46	57.3	76.6	15.5			1264	
						935	---	5.61	57.3	77.0	15.5			1269	
							1010	6.07	57.4	78.3	15.5			1280	
69			690	---	---	---	---	4.01	55.5	71.6	14.0	7410	65.1	1102	
				780	---	---	---	4.56	55.8	74.0	14.0			1196	
					830	---	---	4.83	55.6	75.0	14.0			1205	
						850	---	4.97	55.8	75.5	14.0			1210	
							935	5.38	54.9	76.9	14.0			1222	
70			635	---	---	---	---	3.83	57.6	70.4	13.6	8010	75.3	1012	
				720	---	---	---	4.37	58.0	73.0	13.6			1081	
					765	---	---	4.63	57.8	74.0	13.6			1089	
						785	---	4.76	57.9	74.5	13.6			1093	
							850	5.16	58.0	75.9	13.6			1104	
71			575	---	---	---	---	3.36	55.8	68.3	12.3	9580	85.1	922	
				660	---	---	---	3.84	55.6	71.0	12.3			1045	
					700	---	---	4.08	55.7	72.1	12.3			1054	
						720	---	4.20	55.7	72.7	12.3			1058	
							780	4.56	55.8	74.1	12.3			1069	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	550	Tipo Size	MGL	112	M
Cost. tempo eccitaz. Field time constant	(ms)	140	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	94.0				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.047				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	3795	---	---	---	---	---	---	13.2	33.2	88.2	68.0	118	0.872	4600	*
		4520	---	---	---	---	---	15.8	33.4	89.4	68.0			4600	
46	2825	---	---	---	---	---	---	13.4	45.3	89.6	68.0	140	1.40	4521	
		3370	---	---	---	---	---	16.0	45.3	90.5	68.0			4600	
47	2240	---	---	---	---	---	---	13.0	55.4	86.9	68.0	260	2.36	3581	*
		2685	---	---	---	---	---	15.6	55.5	88.2	68.0			4296	
			4250	---	---	---	---	24.7	55.5	90.8	68.0			4600	
48	1810	---	---	---	---	---	---	12.7	67.0	84.9	68.0	350	3.41	2892	* * *
		2180	---	---	---	---	---	15.3	67.0	86.5	68.0			3489	
			3485	---	---	---	---	24.5	67.1	90.1	68.0			4600	
				3855	---	---	---	27.1	67.1	90.6	68.0			4600	
					4045	---	---	28.4	67.0	90.8	68.0			4600	
						4135	---	29.0	67.0	90.7	68.0			4600	
							4415	31.0	67.1	91.2	68.0			4600	
49	1515	---	---	---	---	---	---	10.8	68.1	83.2	59.0	481	4.62	2421	
		1835	---	---	---	---	---	13.1	68.2	85.4	59.0			2932	
			2950	---	---	---	---	21.1	68.3	89.4	59.0			4335	
				3270	---	---	---	23.4	68.3	90.1	59.0			4392	
					3430	---	---	24.5	68.2	90.3	59.0			4417	
						3510	---	25.1	68.3	90.5	59.0			4429	
50	1295	---	---	---	---	---	---	9.36	69.0	81.8	52.0	620	6.07	2075	
		1575	---	---	---	---	---	11.4	69.1	84.3	52.0			2522	
			2555	---	---	---	---	18.4	68.8	88.5	52.0			3764	
				2835	---	---	---	20.5	69.1	89.6	52.0			3814	
					2975	---	---	21.5	69.0	89.9	52.0			3837	
						3045	---	22.0	69.0	90.0	52.0			3847	
							3255	23.5	68.9	90.4	52.0			3876	
51	1130	---	---	---	---	---	---	8.15	68.9	80.5	46.0	774	7.65	1811	
		1380	---	---	---	---	---	9.94	68.8	83.1	46.0			2209	
			2250	---	---	---	---	16.2	68.8	88.0	46.0			3356	
				2500	---	---	---	18.0	68.8	88.9	46.0			3402	
					2620	---	---	18.9	68.9	89.3	46.0			3422	
						2685	---	19.3	68.6	89.3	46.0			3431	
							2870	20.7	68.9	90.0	46.0			3457	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione	(w)	550			
Excitation power	(w)	550			
Cost. tempo eccitaz.					
Field time constant	(ms)	140			
Massa del motore					
Mass of the motor	(Kg)	94.0			
Momento d'inerzia rotore					
Rotor inertia moment	(Kgm2)	0.047			
Tipo					
Size			MGL	112	M
Ventilazione					
Ventilation				IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	990	---	---	---	---	---	---	7.26	70.0	78.6	42.0	960	9.42	1588
		1215	---	---	---	---	---	8.90	69.9	81.5	42.0			1945
			2000	---	---	---	---	14.6	69.7	86.9	42.0			2977
				2220	---	---	---	16.2	69.7	87.7	42.0			3019
					2335	---	---	17.1	69.9	88.5	42.0			3037
						2390	---	17.5	69.9	88.7	42.0			3045
							2555	18.7	69.9	89.0	42.0			3068
53	880	---	---	---	---	---	---	6.42	69.7	76.8	38.0	1170	11.5	1410
		1085	---	---	---	---	---	7.91	69.6	80.1	38.0			1735
			1795	---	---	---	---	13.1	69.7	86.2	38.0			2714
				2000	---	---	---	14.6	69.7	87.3	38.0			2752
					2100	---	---	15.3	69.6	87.5	38.0			2769
						2150	---	15.7	69.7	87.9	38.0			2777
							2305	16.8	69.6	88.4	38.0			2798
54	760	---	---	---	---	---	---	5.42	68.1	72.5	34.0	1600	13.4	1219
		950	---	---	---	---	---	6.75	67.9	76.4	34.0			1517
			1600	---	---	---	---	11.4	68.0	83.8	34.0			2530
				1785	---	---	---	12.7	67.9	84.9	34.0			2568
					1880	---	---	13.4	68.1	85.7	34.0			2585
						1925	---	13.7	68.0	85.7	34.0			2593
							2065	14.7	68.0	86.5	34.0			2614
55	710	---	---	---	---	---	---	5.18	69.7	73.6	32.0	1630	16.0	1139
		885	---	---	---	---	---	6.42	69.3	77.2	32.0			1415
			1485	---	---	---	---	10.80	69.4	84.4	32.0			2299
				1660	---	---	---	12.1	69.6	85.9	32.0			2333
					1745	---	---	12.7	69.5	86.3	32.0			2347
						1785	---	13.0	69.5	86.4	32.0			2354
							1915	13.9	69.3	86.9	32.0			2373
56	645	---	---	---	---	---	---	4.65	68.8	71.6	29.5	1920	18.5	1030
		805	---	---	---	---	---	5.80	68.8	75.6	29.5			1285
			1360	---	---	---	---	9.83	69.0	83.3	29.5			2144
				1520	---	---	---	11.0	69.1	84.7	29.5			2176
					1600	---	---	11.6	69.2	85.5	29.5			2191
						1640	---	11.8	68.7	85.1	29.5			2197
							1760	12.7	68.9	86.1	29.5			2216
57	580	---	---	---	---	---	---	4.18	68.8	69.1	27.5	2260	21.1	928
		730	---	---	---	---	---	5.26	68.8	73.6	27.5			1167
			1250	---	---	---	---	9.02	68.9	82.0	27.5			1998
				1400	---	---	---	10.10	68.9	83.5	27.5			2030
					1475	---	---	10.6	68.6	83.8	27.5			2043
						1510	---	10.9	68.9	84.3	27.5			2050
							1625	11.7	68.8	85.1	27.5			2067
58	535	---	---	---	---	---	---	3.90	69.6	68.2	26.0	2480	24.3	858
		675	---	---	---	---	---	4.92	69.6	72.8	26.0			1081
			1165	---	---	---	---	8.48	69.5	81.5	26.0			1858
				1305	---	---	---	9.49	69.4	83.0	26.0			1887
					1375	---	---	10.0	69.4	83.6	26.0			1900
						1410	---	10.2	69.1	83.5	26.0			1906
							1515	11.0	69.3	84.6	26.0			1922

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	550
Cost. tempo eccitaz. Field time constant	(ms)	140
Massa del motore Mass of the motor	(Kg)	94.0
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.047
Tipo Size	MGL	112 M
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	Max. speed (°)	
59	490	---	---	---	---	---	---	3.49	68.0	66.1	24.0	2880	26.9	782	
		620	---	---	---	---	---	4.43	68.2	71.0	24.0			993	
			1080	---	---	---	---	7.71	68.2	80.3	24.0			1729	
				1210	---	---	---	8.65	68.3	81.9	24.0			1803	
					1280	---	---	9.12	68.0	82.6	24.0			1816	
						1310	---	9.35	68.2	82.9	24.0			1822	
							1410	10.1	68.4	84.2	24.0			1838	
60	450	---	---	---	---	---	---	3.33	70.7	64.7	23.4	3100	30.6	723	
		575	---	---	---	---	---	4.25	70.6	69.9	23.4			921	
			1010	---	---	---	---	7.45	70.4	79.6	23.4			1617	
				1135	---	---	---	8.36	70.3	81.2	23.4			1655	
					1195	---	---	8.82	70.5	81.9	23.4			1666	
						1230	---	9.05	70.3	82.3	23.4			1672	
							1320	9.74	70.5	83.2	23.4			1686	
61		530	---	---	---	---	---	3.84	69.2	68.1	21.7	3550	34.0	851	
			945	---	---	---	---	6.81	68.8	78.5	21.7			1510	
				1060	---	---	---	7.66	69.0	80.2	21.7			1594	
					1120	---	---	8.08	68.9	80.9	21.7			1606	
						1150	---	8.29	68.8	81.3	21.7			1611	
							1240	8.93	68.8	82.3	21.7			1626	
62		495	---	---	---	---	---	3.64	70.2	66.7	21.0	3840	37.6	792	
			885	---	---	---	---	6.52	70.4	77.6	21.0			1418	
				1000	---	---	---	7.34	70.1	79.4	21.0			1507	
					1055	---	---	7.75	70.1	80.2	21.0			1519	
						1080	---	7.96	70.4	80.6	21.0			1524	
							1165	8.57	70.2	81.6	21.0			1538	
63		460	---	---	---	---	---	3.33	69.1	65.3	19.6	4310	41.5	738	
			835	---	---	---	---	6.01	68.7	76.7	19.6			1335	
				940	---	---	---	6.78	68.9	78.6	19.6			1440	
					995	---	---	7.16	68.7	79.4	19.6			1451	
						1020	---	7.35	68.8	79.8	19.6			1456	
							1100	7.93	68.8	80.9	19.6			1470	
64		435	---	---	---	---	---	3.18	69.8	64.7	18.9	4540	46.0	700	
			795	---	---	---	---	5.77	69.3	76.3	18.9			1269	
				895	---	---	---	6.51	69.5	78.3	18.9			1362	
					945	---	---	6.88	69.5	79.1	18.9			1373	
						970	---	7.07	69.6	79.6	18.9			1377	
							1045	7.62	69.6	80.6	18.9			1390	
65			745	---	---	---	---	5.47	70.1	75.1	18.2	5000	49.3	1193	
				845	---	---	---	6.18	69.8	77.2	18.2			1293	
					890	---	---	6.54	70.2	78.1	18.2			1303	
						915	---	6.71	70.0	78.4	18.2			1307	
							990	7.25	69.9	79.7	18.2			1320	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	550
Cost. tempo eccitaz.		
Field time constant	(ms)	140
Massa del motore		
Mass of the motor	(Kg)	94.0
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.047
Tipo		
Size	MGL	112 M
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
66			705	---	---	---	---	5.13	69.5	74.1	17.3	5470	54.1	1130	
				800	---	---	---	5.81	69.4	76.3	17.3			1246	
					845	---	---	6.15	69.5	77.3	17.3			1256	
						870	---	6.32	69.4	77.7	17.3			1260	
							940	6.83	69.4	79.0	17.3			1273	
67			660	---	---	---	---	4.94	71.5	72.2	17.1	6020	59.1	1055	
				750	---	---	---	5.61	71.4	74.6	17.1			1162	
					795	---	---	5.94	71.3	75.5	17.1			1172	
						815	---	6.11	71.6	76.0	17.1			1176	
							885	6.61	71.3	77.3	17.1			1188	
68			600	---	---	---	---	4.40	70.0	71.0	15.5	6980	68.8	960	
				685	---	---	---	5.00	69.7	73.3	15.5			1092	
					725	---	---	5.31	69.9	74.5	15.5			1103	
						745	---	5.46	70.0	74.9	15.5			1107	
							805	5.91	70.1	76.3	15.5			1119	
69			545	---	---	---	---	3.86	67.6	68.9	14.0	8280	78.4	869	
				620	---	---	---	4.41	67.9	71.6	14.0			993	
					660	---	---	4.68	67.7	72.7	14.0			1050	
						680	---	4.82	67.7	73.3	14.0			1055	
							735	5.23	67.9	74.7	14.0			1067	
70			500	---	---	---	---	3.68	70.3	67.6	13.6	8960	90.8	796	
				570	---	---	---	4.21	70.5	70.4	13.6			912	
					605	---	---	4.48	70.7	71.6	13.6			949	
						625	---	4.61	70.4	72.1	13.6			953	
							680	5.01	70.4	73.7	13.6			964	
71			450	---	---	---	---	3.20	67.9	65.0	12.3	10700	103	721	
				520	---	---	---	3.68	67.6	68.0	12.3			829	
					550	---	---	3.93	68.2	69.5	12.3			884	
						570	---	4.05	67.9	70.1	12.3			911	
							620	4.41	67.9	71.7	12.3			932	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	600
Cost. tempo eccitaz.		
Field time constant	(ms)	150
Massa del motore		
Mass of the motor	(Kg)	110
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.057
Tipo		
Size	MGL	112 L
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	3055	---	---	---	---	---	---	13.3	41.6	88.9	68.0	136	1.07	4600	
		3640	---	---	---	---	---	15.9	41.7	89.9	68.0			4600	
46	2275	---	---	---	---	---	---	13.4	56.2	89.6	68.0	160	1.71	3636	
		2710	---	---	---	---	---	16.0	56.4	90.5	68.0			4339	
			4250	---	---	---	---	25.1	56.4	92.3	68.0			4600	*
47	1790	---	---	---	---	---	---	12.9	68.8	86.2	68.0	298	2.90	2861	
		2150	---	---	---	---	---	15.5	68.8	87.7	68.0			3444	
			3415	---	---	---	---	24.7	69.1	90.8	68.0			4600	
				3780	---	---	---	27.3	69.0	91.2	68.0			4600	
					3960	---	---	28.6	69.0	91.4	68.0			4600	*
						4050	---	29.3	69.1	91.7	68.0			4600	*
							4320	31.2	69.0	91.8	68.0			4600	*
48	1440	---	---	---	---	---	---	12.6	83.6	84.2	68.0	400	4.19	2301	
		1740	---	---	---	---	---	15.2	83.4	86.0	68.0			2783	
			2975	---	---	---	---	24.4	78.3	89.7	68.0			4389	
				3095	---	---	---	27.0	83.3	90.2	68.0			4451	
					3250	---	---	28.3	83.2	90.5	68.0			4478	
						3325	---	29.0	83.3	90.7	68.0			4491	
							3550	31.0	83.4	91.2	68.0			4526	
49	1200	---	---	---	---	---	---	10.6	84.4	81.7	59.0	549	5.67	1918	
		1455	---	---	---	---	---	12.9	84.7	84.1	59.0			2332	
			2360	---	---	---	---	21.0	85.0	89.0	59.0			3715	
				2620	---	---	---	23.3	84.9	89.8	59.0			3768	
					2750	---	---	24.4	84.7	89.9	59.0			3792	
						2815	---	25.0	84.8	90.2	59.0			3803	
50	1025	---	---	---	---	---	---	9.18	85.5	80.2	52.0	708	7.44	1639	
		1250	---	---	---	---	---	11.2	85.6	82.8	52.0			2000	
			2040	---	---	---	---	18.3	85.7	88.0	52.0			3225	
				2270	---	---	---	20.3	85.4	88.7	52.0			3272	
					2380	---	---	21.3	85.5	89.0	52.0			3292	
						2440	---	21.9	85.7	89.6	52.0			3302	
							2610	23.4	85.6	90.0	52.0			3329	
51	890	---	---	---	---	---	---	7.96	85.4	78.7	46.0	884	9.39	1425	
		1090	---	---	---	---	---	9.76	85.5	81.6	46.0			1747	
			1795	---	---	---	---	16.0	85.1	87.0	46.0			2873	
				1995	---	---	---	17.8	85.2	87.9	46.0			2917	
					2095	---	---	18.7	85.2	88.4	46.0			2936	
						2150	---	19.2	85.3	88.8	46.0			2944	
							2300	20.5	85.1	89.1	46.0			2969	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione	(w)	600	Tipo			
Excitation power	(w)	600	Size	MGL	112	L
Cost. tempo eccitaz.			Ventilazione			
Field time constant	(ms)	150	Ventilation		IC 06	
Massa del motore						
Mass of the motor	(Kg)	110				
Momento d'inerzia rotore						
Rotor inertia moment	(Kgm2)	0.057				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	775	---	---	---	---	---	---	7.05	86.9	76.3	42.0	1100	11.6	1244
		960	---	---	---	---	---	8.70	86.5	79.7	42.0			1533
			1590	---	---	---	---	14.4	86.5	85.7	42.0			2547
				1775	---	---	---	16.1	86.6	87.1	42.0			2588
					1865	---	---	16.9	86.5	87.5	42.0			2605
						1910	---	17.3	86.5	87.6	42.0			2613
							2045	18.5	86.4	88.1	42.0			2634
53	685	---	---	---	---	---	---	6.21	86.6	74.3	38.0	1340	14.1	1100
		850	---	---	---	---	---	7.70	86.5	77.9	38.0			1363
			1430	---	---	---	---	12.9	86.1	84.9	38.0			2284
				1590	---	---	---	14.4	86.5	86.1	38.0			2359
					1675	---	---	15.1	86.1	86.4	38.0			2374
						1715	---	15.5	86.3	86.8	38.0			2382
							1840	16.6	86.2	87.4	38.0			2402
54	585	---	---	---	---	---	---	5.17	84.4	69.1	34.0	1840	16.5	938
		735	---	---	---	---	---	6.51	84.6	73.6	34.0			1179
			1265	---	---	---	---	11.2	84.5	82.4	34.0			2024
				1415	---	---	---	12.5	84.4	83.6	34.0			2198
					1490	---	---	13.2	84.6	84.4	34.0			2214
						1530	---	13.5	84.3	84.5	34.0			2222
							1640	14.5	84.4	85.3	34.0			2242
55	550	---	---	---	---	---	---	4.96	86.1	70.5	32.0	1860	19.6	881
		690	---	---	---	---	---	6.22	86.1	74.8	32.0			1104
			1175	---	---	---	---	10.60	86.1	82.8	32.0			1883
				1315	---	---	---	11.9	86.4	84.5	32.0			1998
					1385	---	---	12.5	86.2	84.9	32.0			2012
						1420	---	12.8	86.1	85.1	32.0			2018
							1525	13.7	85.8	85.6	32.0			2036
56	495	---	---	---	---	---	---	4.43	85.5	68.3	29.5	2200	22.7	791
		625	---	---	---	---	---	5.58	85.3	72.8	29.5			998
			1075	---	---	---	---	9.63	85.5	81.6	29.5			1722
				1205	---	---	---	10.8	85.6	83.2	29.5			1863
					1270	---	---	11.4	85.7	84.0	29.5			1876
						1305	---	11.7	85.6	84.4	29.5			1883
							1400	12.5	85.3	84.7	29.5			1900
57	445	---	---	---	---	---	---	3.96	85.0	65.5	27.5	2590	25.9	708
		565	---	---	---	---	---	5.04	85.2	70.5	27.5			901
			985	---	---	---	---	8.81	85.4	80.1	27.5			1577
				1105	---	---	---	9.89	85.5	81.7	27.5			1736
					1165	---	---	10.4	85.2	82.2	27.5			1749
						1195	---	10.7	85.5	82.8	27.5			1755
							1285	11.5	85.5	83.6	27.5			1772
58	410	---	---	---	---	---	---	3.68	85.7	64.3	26.0	2830	29.8	653
		520	---	---	---	---	---	4.70	86.3	69.5	26.0			834
			915	---	---	---	---	8.27	86.3	79.5	26.0			1467
				1030	---	---	---	9.29	86.1	81.2	26.0			1615
					1085	---	---	9.80	86.3	81.9	26.0			1627
						1115	---	10.1	86.5	82.7	26.0			1632
							1200	10.8	85.9	83.1	26.0			1648

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	600	Tipo Size	MGL	112	L
Cost. tempo eccitaz. Field time constant	(ms)	150	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	110				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.057				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	500	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
59		475	--- 850	--- --- 955	--- --- 1010	--- --- 1035	1115	4.21 7.50 8.45 8.92 9.15 9.86	84.6 84.3 84.5 84.3 84.4 84.4	67.5 78.1 80.0 80.8 81.1 82.2	24.0 24.0 24.0 24.0 24.0 24.0	3290	33.0	761 1358 1528 1554 1559 1575
60		440	--- 790	--- --- 895	--- --- 945	--- --- 970	1045	4.02 7.24 8.16 8.61 8.84 9.53	87.2 87.5 87.1 87.0 87.0 87.1	66.1 77.4 79.3 80.0 80.4 81.5	23.4 23.4 23.4 23.4 23.4 23.4	3540	37.6	704 1267 1415 1426 1431 1445
61		405	--- 740	--- --- 835	--- --- 880	--- --- 905	975	3.62 6.60 7.45 7.88 8.09 8.73	85.4 85.2 85.2 85.5 85.4 85.5	64.2 76.0 78.0 78.9 79.3 80.5	21.7 21.7 21.7 21.7 21.7 21.7	4060	41.7	647 1181 1333 1373 1378 1392
62			690	--- 780	--- --- 825	--- --- 850	920	6.30 7.13 7.54 7.74 8.36	87.2 87.3 87.3 87.0 86.8	75.0 77.2 78.1 78.4 79.6	21.0 21.0 21.0 21.0 21.0	4390	46.2	1107 1251 1299 1304 1318
63			650	--- 735	--- --- 780	--- --- 800	865	5.80 6.57 6.95 7.15 7.72	85.2 85.4 85.1 85.3 85.2	74.0 76.2 77.1 77.6 78.8	19.6 19.6 19.6 19.6 19.6	4920	51.0	1039 1177 1240 1245 1258
64			615	--- 700	--- --- 740	--- --- 760	825	5.57 6.31 6.68 6.87 7.42	86.5 86.1 86.2 86.3 85.9	73.7 75.9 76.8 77.3 78.5	18.9 18.9 18.9 18.9 18.9	5170	56.4	988 1119 1173 1177 1190
65			580	--- 655	--- --- 695	--- --- 715	775	5.25 5.97 6.33 6.51 7.04	86.4 87.0 87.0 86.9 86.7	72.1 74.6 75.6 76.1 77.4	18.2 18.2 18.2 18.2 18.2	5700	60.5	926 1051 1113 1117 1129

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	600
Cost. tempo eccitaz.		
Field time constant	(ms)	150
Massa del motore		
Mass of the motor	(Kg)	110
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.057
Tipo		
Size	MGL	112 L
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	500				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
66			545	---	---	---	---	4.92	86.2	71.1	17.3	6240	66.4	875	
				620	---	---	---	5.60	86.3	73.6	17.3			995	
					660	---	---	5.94	85.9	74.6	17.3			1055	
						680	---	6.11	85.8	75.1	17.3			1076	
							735	6.62	86.0	76.5	17.3			1088	
67			505	---	---	---	---	4.71	89.1	68.9	17.1	6880	72.5	811	
				580	---	---	---	5.38	88.6	71.5	17.1			927	
					615	---	---	5.71	88.7	72.6	17.1			985	
						635	---	5.88	88.4	73.2	17.1			1004	
							690	6.39	88.4	74.7	17.1			1015	
68			460	---	---	---	---	4.18	86.8	67.4	15.5	7960	84.4	736	
				525	---	---	---	4.79	87.1	70.2	15.5			843	
					560	---	---	5.09	86.8	71.4	15.5			897	
						575	---	5.24	87.0	71.9	15.5			924	
							630	5.70	86.4	73.5	15.5			956	
69			415	---	---	---	---	3.65	84.0	65.2	14.0	9450	96.2	663	
				475	---	---	---	4.20	84.4	68.2	14.0			763	
					510	---	---	4.47	83.7	69.4	14.0			813	
						525	---	4.61	83.9	70.1	14.0			838	
							570	5.02	84.1	71.7	14.0			910	
70				435	---	---	---	3.99	87.6	66.7	13.6	10200	111	698	
					465	---	---	4.26	87.5	68.1	13.6			745	
						480	---	4.39	87.3	68.7	13.6			768	
							525	4.79	87.1	70.4	13.6			822	
71				395	---	---	---	3.47	83.9	64.1	12.3	12200	126	631	
					420	---	---	3.71	84.4	65.6	12.3			674	
						435	---	3.83	84.1	66.3	12.3			696	
							475	4.20	84.4	68.3	12.3			762	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	650
Cost. tempo eccitaz.		
Field time constant	(ms)	160
Massa del motore		
Mass of the motor	(Kg)	139
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.095
Tipo		
Size	MGL	132 S
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	520				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	3035	--- 3620	---	---	---	---	---	27.0 32.2	85.0 84.9	89.6 90.4	137 137	75.7	0.807	4500 4500	* *
46	2135	--- 2565	---	---	---	---	---	25.3 30.4 48.0 53.1	113.2 113.2 113.0 113.2	87.8 89.3 91.6 92.1	131 131 131 131	131	1.53	3419 4100 4500 4500	* *
47	1730	--- 2080	---	---	---	---	---	20.0 24.1 38.2 42.3 44.4 45.4	110.4 110.6 110.4 110.4 110.6 110.6	86.6 88.3 91.0 91.6 91.9 92.0	105 105 105 105 105 105	199	2.28	2765 3327 4500 4500 4500 4500	
48	1400	--- 1690	---	---	---	---	---	16.3 19.7 31.7 35.1 36.8 37.7 41.9	111.2 111.3 111.5 111.5 111.4 111.6 111.5	84.2 86.1 90.1 90.7 90.9 91.2 91.6	88.0 88.0 88.0 88.0 88.0 88.0 88.0	302	3.26	2238 2706 3781 3828 3849 3859 3902	
49	1175	--- 1430	---	---	---	---	---	14.2 17.3 27.9 30.9 32.4 33.2	115.4 115.5 115.6 115.5 115.4 115.5	82.8 85.3 89.4 90.0 90.3 90.6	78.0 78.0 78.0 78.0 78.0 78.0	385	4.46	1884 2285 3144 3182 3199 3207	
50	1005	--- 1225	---	---	---	---	---	12.3 15.0 24.4 27.1 28.4 29.1 32.5	116.9 116.9 117.1 117.1 116.9 117.0 117.1	81.0 83.6 88.4 89.3 89.5 89.7 90.6	69.0 69.0 69.0 69.0 69.0 69.0 69.0	505	5.86	1606 1957 2720 2754 2769 2776 2807	
51	875	--- 1070	---	---	---	---	---	10.7 13.0 21.4 23.9 24.9 25.5 28.5	116.8 116.0 116.8 117.3 116.3 116.5 116.6	79.7 82.0 87.7 89.0 88.7 88.9 89.8	61.0 61.0 61.0 61.0 61.0 61.0 61.0	634	7.39	1398 1710 2426 2457 2471 2477 2505	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	650
Cost. tempo eccitaz. Field time constant	(ms)	160
Massa del motore Mass of the motor	(Kg)	139
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.095
Tipo Size	MGL	132 S
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
52	765	---	---	---	---	---	---	9.37	117.0	77.4	55.0	788	9.15	1225	
		940	---	---	---	---	---	11.5	116.8	80.4	55.0			1506	
			1555	---	---	---	---	19.0	116.7	86.4	55.0			2177	
				1730	---	---	---	21.2	117.0	87.6	55.0			2205	
					1820	---	---	22.3	117.0	88.1	55.0			2217	
						1860	---	22.8	117.1	88.2	55.0			2223	
53	680	---	---	---	---	---	---	8.31	116.7	75.5	50.0	954	11.1	1086	
		840	---	---	---	---	---	10.3	117.1	79.2	50.0			1341	
			1395	---	---	---	---	17.1	117.1	85.5	50.0			1976	
				1555	---	---	---	19.0	116.7	86.4	50.0			2002	
					1635	---	---	20.0	116.8	87.0	50.0			2013	
						1675	---	20.5	116.9	87.2	50.0			2019	
							1875	23.0	117.1	88.5	50.0			2043	
54	605	---	---	---	---	---	---	7.29	115.1	73.6	45.0	1150	13.1	971	
		755	---	---	---	---	---	9.05	114.5	77.4	45.0			1205	
			1265	---	---	---	---	15.2	114.7	84.4	45.0			1837	
				1410	---	---	---	17.0	115.1	85.9	45.0			1863	
					1485	---	---	17.8	114.5	86.0	45.0			1874	
						1520	---	18.3	115.0	86.5	45.0			1879	
							1705	20.5	114.8	87.6	45.0			1902	
55	540	---	---	---	---	---	---	6.41	113.4	71.1	41.0	1410	15.3	864	
		675	---	---	---	---	---	8.01	113.3	75.1	41.0			1080	
			1150	---	---	---	---	13.6	112.9	82.9	41.0			1711	
				1285	---	---	---	15.2	113.0	84.3	41.0			1736	
					1350	---	---	16.0	113.2	84.8	41.0			1747	
						1385	---	16.4	113.1	85.1	41.0			1752	
							1550	18.4	113.4	86.3	41.0			1774	
56	490	---	---	---	---	---	---	6.07	118.3	69.9	39.5	1540	17.8	787	
		615	---	---	---	---	---	7.61	118.2	74.1	39.5			988	
			1055	---	---	---	---	13.0	117.7	82.3	39.5			1581	
				1180	---	---	---	14.6	118.2	84.0	39.5			1604	
					1245	---	---	15.3	117.4	84.2	39.5			1614	
						1275	---	15.7	117.6	84.6	39.5			1619	
							1430	17.6	117.5	85.7	39.5			1640	
57	450	---	---	---	---	---	---	5.59	118.6	68.7	37.0	1710	20.4	723	
		570	---	---	---	---	---	7.04	117.9	73.2	37.0			910	
			980	---	---	---	---	12.1	117.9	81.8	37.0			1429	
				1095	---	---	---	13.5	117.7	82.9	37.0			1449	
					1155	---	---	14.3	118.2	84.0	37.0			1458	
						1185	---	14.6	117.7	84.0	37.0			1462	
							1330	16.4	117.8	85.2	37.0			1481	
58	410	---	---	---	---	---	---	4.98	116.0	66.6	34.0	2000	23.2	658	
		520	---	---	---	---	---	6.31	115.9	71.4	34.0			833	
			905	---	---	---	---	11.0	116.1	80.9	34.0			1360	
				1015	---	---	---	12.3	115.7	82.2	34.0			1381	
					1070	---	---	13.0	116.0	83.1	34.0			1390	
						1095	---	13.3	116.0	83.2	34.0			1394	
							1235	14.9	115.2	84.3	34.0			1412	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	650
Cost. tempo eccitaz. Field time constant	(ms)	160
Massa del motore Mass of the motor	(Kg)	139
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.095
Tipo Size	MGL	132 S
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59	370	---	---	---	---	---	---	4.51	116.4	64.1	32.0	2300	26.0	595	
		475	---	---	---	---	---	5.76	115.8	69.2	32.0			760	
			835	---	---	---	---	10.1	115.5	78.9	32.0			1277	
				940	---	---	---	11.4	115.8	81.0	32.0			1297	
					990	---	---	12.0	115.7	81.5	32.0			1306	
						1015	---	12.3	115.7	81.8	32.0			1310	
							1145	13.9	115.9	83.5	32.0			1327	
60		445	---	---	---	---	---	5.34	114.6	68.5	30.0	2530	29.5	710	
			785	---	---	---	---	9.44	114.8	78.7	30.0			1213	
				880	---	---	---	10.6	115.0	80.3	30.0			1232	
					930	---	---	11.2	115.0	81.2	30.0			1240	
						955	---	11.5	115.0	81.6	30.0			1244	
							1075	13.0	115.5	83.3	30.0			1261	
61		410	---	---	---	---	---	4.96	115.5	66.9	28.5	2800	32.8	658	
			735	---	---	---	---	8.86	115.1	77.7	28.5			1144	
				825	---	---	---	9.97	115.4	79.5	28.5			1163	
					875	---	---	10.5	114.6	80.1	28.5			1171	
						895	---	10.8	115.2	80.6	28.5			1174	
							1010	12.2	115.3	82.3	28.5			1190	
62		380	---	---	---	---	---	4.57	114.8	65.1	27.0	3140	36.5	607	
			685	---	---	---	---	8.26	115.1	76.5	27.0			1087	
				775	---	---	---	9.32	114.8	78.5	27.0			1105	
					820	---	---	9.84	114.6	79.2	27.0			1113	
						840	---	10.1	114.8	79.6	27.0			1117	
							950	11.4	114.6	81.2	27.0			1132	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	750
Cost. tempo eccitaz. Field time constant	(ms)	175
Massa del motore Mass of the motor	(Kg)	155
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.113
Tipo Size	MGL	132 M
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
45	2410	--- 2880	---	---	---	---	---	27.1 32.3	107.4 107.1	89.9 90.7	137 137	86.6	1.00	3856 4500	* *
46	1690	--- 2030	---	---	---	---	---	25.2 30.3 48.0 53.1 55.7 56.9 63.3	142.4 142.5 142.3 142.4 142.4 142.2 142.4	87.4 89.0 91.6 92.1 92.4 92.4 92.9	131 131 131 131 131 131 131	149	1.90	2702 3247 4311 4367 4392 4404 4455	* * * * * *
47	1360	--- 1645	---	---	---	---	---	19.8 23.9 38.2 42.3 44.3 45.3	139.0 138.7 139.0 139.0 138.9 138.9	85.7 87.5 91.0 91.6 91.7 91.8	105 105 105 105 105 105	226	2.83	2180 2629 3897 3948 3971 3981	
48	1059	--- 1330	---	---	---	---	---	16.1 19.5 31.5 35.0 36.7 37.5 41.8	145.2 140.0 139.9 140.1 140.2 139.9 140.1	83.2 85.2 89.5 90.4 90.7 90.7 91.3	88.0 88.0 88.0 88.0 88.0 88.0 88.0	345	4.04	1755 2129 3224 3267 3286 3295 3335	
49	920	--- 1120	---	---	---	---	---	14.0 17.0 27.7 30.8 32.3 33.0	145.3 144.9 144.9 145.2 145.1 144.9	81.6 83.8 88.8 89.7 90.0 90.0	78.0 78.0 78.0 78.0 78.0 78.0	438	5.53	1474 1794 2680 2716 2732 2739	
50	780	--- 960	---	---	---	---	---	12.0 14.7 24.2 26.9 28.2 28.9 32.3	146.9 146.2 147.2 147.2 146.8 146.8 146.9	79.1 81.9 87.7 88.6 88.8 89.1 90.0	69.0 69.0 69.0 69.0 69.0 69.0 69.0	574	7.26	1251 1532 2319 2350 2364 2370 2399	
51	680	--- 835	---	---	---	---	---	10.4 12.8 21.1 23.5 24.7 25.3 28.3	146.0 146.4 146.0 146.2 146.0 146.0 146.1	77.5 80.7 86.5 87.6 88.0 88.2 89.2	61.0 61.0 61.0 61.0 61.0 61.0 61.0	721	9.16	1085 1335 2067 2096 2109 2115 2141	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	750		
Cost. tempo eccitaz.				
Field time constant	(ms)	175		
Massa del motore				
Mass of the motor	(Kg)	155		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.113		
Tipo				
Size		MGL	132	M
Ventilazione				
Ventilation			IC	06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	590	---	---	---	---	---	---	9.09	147.1	75.1	55.0	896	11.30	947
		730	---	---	---	---	---	11.2	146.5	78.3	55.0			1171
			1225	---	---	---	---	18.8	146.6	85.5	55.0			1854
				1365	---	---	---	20.9	146.2	86.4	55.0			1880
					1435	---	---	22.0	146.4	87.0	55.0			1892
						1470	---	22.6	146.8	87.4	55.0			1897
53	520	---	---	---	---	---	---	8.02	147.3	72.9	50.0	1090	13.7	835
		650	---	---	---	---	---	9.98	146.6	76.8	50.0			1039
			1095	---	---	---	---	19.8	172.7	99.0	50.0			1682
				1225	---	---	---	18.8	146.6	85.5	50.0			1707
					1290	---	---	19.8	146.6	86.1	50.0			1717
						1320	---	20.3	146.9	86.4	50.0			1722
							1480	22.7	146.5	87.3	50.0			1745
54	465	---	---	---	---	---	---	7.01	144.0	70.8	45.0	1310	16.2	743
		580	---	---	---	---	---	8.77	144.4	75.0	45.0			930
			990	---	---	---	---	14.9	143.7	82.8	45.0			1563
				1110	---	---	---	16.7	143.7	84.3	45.0			1587
					1165	---	---	17.6	144.3	85.0	45.0			1597
						1195	---	18.0	143.8	85.1	45.0			1602
							1340	20.2	144.0	86.3	45.0			1624
55	410	---	---	---	---	---	---	6.12	142.5	67.8	41.0	1600	19.0	657
		520	---	---	---	---	---	7.72	141.8	72.4	41.0			830
			895	---	---	---	---	13.3	141.9	81.1	41.0			1434
				1005	---	---	---	15.0	142.5	83.1	41.0			1478
					1060	---	---	15.8	142.3	83.8	41.0			1488
						1085	---	16.2	142.6	84.1	41.0			1493
							1220	18.2	142.5	85.4	41.0			1514
56	375	---	---	---	---	---	---	5.76	146.7	66.3	39.5	1750	22.0	596
		475	---	---	---	---	---	7.31	147.0	71.2	39.5			757
			825	---	---	---	---	12.7	147.0	80.4	39.5			1318
				925	---	---	---	14.3	147.6	82.3	39.5			1369
					975	---	---	15.1	147.9	83.1	39.5			1378
						1000	---	15.4	147.1	83.0	39.5			1383
							1125	17.4	147.7	84.7	39.5			1402
57	340	---	---	---	---	---	---	5.30	148.9	65.1	37.0	1950	25.3	546
		435	---	---	---	---	---	6.75	148.2	70.2	37.0			696
			760	---	---	---	---	11.8	148.3	79.7	37.0			1215
				855	---	---	---	13.3	148.5	81.7	37.0			1234
					905	---	---	14.0	147.7	82.3	37.0			1243
						925	---	14.4	148.7	82.8	37.0			1247
							1045	16.2	148.0	84.2	37.0			1264
58		395	---	---	---	---	---	6.02	145.5	68.1	34.0	2280	28.8	634
			705	---	---	---	---	10.7	144.9	78.7	34.0			1125
				790	---	---	---	12.0	145.1	80.2	34.0			1175
					835	---	---	12.7	145.2	81.2	34.0			1183
						855	---	13.0	145.2	81.4	34.0			1187
							965	14.7	145.5	83.1	34.0			1205

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	750	Tipo Size	MGL	132	M
Cost. tempo eccitaz. Field time constant	(ms)	175	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	155				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.113				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
59		360	---	---	---	---	---	5.46	144.8	65.6	32.0	2620	32.3	575
			650	---	---	---	---	9.9	144.9	77.0	32.0			1037
				730	---	---	---	11.1	145.2	78.8	32.0			1103
					770	---	---	11.7	145.1	79.5	32.0			1111
						795	---	12.1	145.3	80.5	32.0			1115
							895	13.6	145.1	81.7	32.0			1132
60		335	---	---	---	---	---	5.05	144.0	64.7	30.0	2870	36.5	536
			610	---	---	---	---	9.17	143.6	76.4	30.0			972
				685	---	---	---	10.3	143.6	78.0	30.0			1048
					725	---	---	10.9	143.6	79.0	30.0			1055
						745	---	11.2	143.6	79.4	30.0			1059
							840	12.7	144.4	81.4	30.0			1075
61			565	---	---	---	---	8.59	145.2	75.4	28.5	3180	40.6	908
				640	---	---	---	9.71	144.9	77.4	28.5			988
					680	---	---	10.3	144.6	78.6	28.5			996
						695	---	10.6	145.6	79.1	28.5			999
							790	11.9	143.8	80.3	28.5			1015
62			530	---	---	---	---	7.98	143.8	73.9	27.0	3570	45.2	846
				600	---	---	---	9.04	143.9	76.1	27.0			939
					635	---	---	9.57	143.9	77.1	27.0			946
						650	---	9.83	144.4	77.5	27.0			950
							740	11.2	144.5	79.8	27.0			965

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	850
Cost. tempo eccitaz. Field time constant	(ms)	190
Massa del motore Mass of the motor	(Kg)	175
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.134
Tipo Size	MGL	132 L
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
45	1910	---	---	---	---	---	---	27.0	135.0	89.6	137	100	1.24	3057	
		2285	---	---	---	---	---	32.3	135.0	90.7	137			3656	*
			3595	---	---	---	---	50.8	134.9	92.7	137			4500	*
				3970	---	---	---	56.1	134.9	93.1	137			4500	*
					4155	---	---	58.8	135.1	93.3	137			4500	*
						4250	---	60.1	135.0	93.3	137			4500	*
46	1330	---	---	---	---	---	---	24.9	178.8	86.4	131	172	2.36	2129	
		1605	---	---	---	---	---	30.0	178.5	88.1	131			2565	
			2555	---	---	---	---	47.9	179.0	91.4	131			3641	
				2830	---	---	---	53.0	178.8	92.0	131			3692	*
					2965	---	---	55.6	179.1	92.3	131			3714	*
						3035	---	56.8	178.7	92.3	131			3725	*
							3375	63.2	178.8	92.8	131			3771	*
47	1070	---	---	---	---	---	---	19.5	174.0	84.4	105	261	3.51	1712	
		1295	---	---	---	---	---	23.6	174.0	86.4	105			2071	
			2080	---	---	---	---	38.0	174.5	90.5	105			3290	
				2305	---	---	---	42.1	174.4	91.1	105			3337	
					2415	---	---	44.2	174.8	91.5	105			3357	
						2475	---	45.2	174.4	91.6	105			3367	
48	855	---	---	---	---	---	---	15.7	175.3	81.1	88.0	399	5.02	1369	
		1045	---	---	---	---	---	19.2	175.5	83.9	88.0			1668	
			1700	---	---	---	---	31.2	175.3	88.6	88.0			2716	
				1885	---	---	---	34.7	175.8	89.6	88.0			2760	
					1980	---	---	36.4	175.6	89.9	88.0			2777	
						2025	---	37.3	175.9	90.2	88.0			2786	
							2260	41.6	175.8	90.9	88.0			2822	
49	715	---	---	---	---	---	---	13.7	183.0	79.8	78.0	505	6.86	1146	
		875	---	---	---	---	---	16.7	182.3	82.3	78.0			1402	
			1440	---	---	---	---	27.4	181.7	87.8	78.0			2262	
				1600	---	---	---	30.5	182.0	88.9	78.0			2294	
					1680	---	---	32.0	181.9	89.2	78.0			2309	
						1720	---	32.8	182.1	89.5	78.0			2316	
50	605	---	---	---	---	---	---	11.7	184.7	77.1	69.0	661	9.02	967	
		745	---	---	---	---	---	14.4	184.6	80.3	69.0			1192	
			1235	---	---	---	---	23.9	184.8	86.6	69.0			1955	
				1375	---	---	---	26.6	184.7	87.6	69.0			1985	
					1445	---	---	27.9	184.4	87.9	69.0			1997	
						1480	---	28.6	184.5	88.2	69.0			2003	
							1655	32.0	184.6	89.2	69.0			2030	
51	520	---	---	---	---	---	---	10.0	183.6	74.5	61.0	830	11.4	835	
		645	---	---	---	---	---	12.4	183.6	78.2	61.0			1035	
			1085	---	---	---	---	20.8	183.1	85.2	61.0			1733	
				1210	---	---	---	23.2	183.1	86.4	61.0			1769	
					1270	---	---	24.4	183.5	87.0	61.0			1781	
						1300	---	25.0	183.6	87.2	61.0			1787	
							1460	28.0	183.1	88.3	61.0			1811	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	850		
Cost. tempo eccitaz.				
Field time constant	(ms)	190		
Massa del motore				
Mass of the motor	(Kg)	175		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.134		
Tipo				
Size		MGL	132	L
Ventilazione				
Ventilation			IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	455	---	---	---	---	---	---	8.72	183.0	72.1	55.0	1030	14.10	724
		565	---	---	---	---	---	10.9	184.2	76.2	55.0			904
			960	---	---	---	---	18.4	183.0	83.6	55.0			1533
				1070	---	---	---	20.6	183.8	85.1	55.0			1587
					1125	---	---	21.7	184.2	85.8	55.0			1597
						1155	---	22.2	183.5	85.9	55.0			1602
53	395	---	---	---	---	---	---	7.64	184.7	69.5	50.0	1250	17.0	634
		500	---	---	---	---	---	9.60	183.3	73.8	50.0			798
			855	---	---	---	---	16.5	184.3	82.5	50.0			1369
				960	---	---	---	18.4	183.0	83.6	50.0			1439
					1010	---	---	19.4	183.4	84.3	50.0			1449
						1035	---	19.9	183.6	84.7	50.0			1454
							1160	22.4	184.4	86.2	50.0			1475
54	350	---	---	---	---	---	---	6.63	180.9	67.0	45.0	1510	20.1	561
		445	---	---	---	---	---	8.40	180.3	71.8	45.0			710
			770	---	---	---	---	14.6	181.1	81.1	45.0			1235
				865	---	---	---	16.4	181.1	82.8	45.0			1338
					910	---	---	17.2	180.5	83.1	45.0			1347
						935	---	17.7	180.8	83.7	45.0			1352
							1050	19.9	181.0	85.0	45.0			1372
55	305	---	---	---	---	---	---	5.73	179.4	63.5	41.0	1850	23.6	491
		395	---	---	---	---	---	7.34	177.4	68.9	41.0			629
			695	---	---	---	---	13.0	178.6	79.3	41.0			1113
				780	---	---	---	14.6	178.7	80.9	41.0			1245
					825	---	---	15.4	178.3	81.7	41.0			1254
						845	---	15.8	178.6	82.0	41.0			1259
							955	17.8	178.0	83.5	41.0			1278
56	277	---	---	---	---	---	---	5.37	185.1	61.8	39.5	2020	27.4	443
		355	---	---	---	---	---	6.92	186.1	67.4	39.5			572
			640	---	---	---	---	12.4	185.0	78.5	39.5			1021
				720	---	---	---	13.9	184.4	80.0	39.5			1149
					760	---	---	14.7	184.7	80.9	39.5			1164
						780	---	15.1	184.9	81.3	39.5			1168
							880	17.0	184.5	82.8	39.5			1186
57		330	---	---	---	---	---	6.37	184.3	66.2	37.0	2240	31.4	524
			590	---	---	---	---	11.5	186.1	77.7	37.0			943
				665	---	---	---	12.9	185.2	79.2	37.0			1039
					700	---	---	13.6	185.5	79.9	37.0			1047
						720	---	14.0	185.7	80.5	37.0			1051
							815	15.8	185.1	82.1	37.0			1067
58			540	---	---	---	---	10.3	182.1	75.7	34.0	2620	35.7	867
				610	---	---	---	11.7	183.2	78.2	34.0			979
					645	---	---	12.3	182.1	78.6	34.0			997
						665	---	12.7	182.4	79.5	34.0			1000
							750	14.3	182.1	80.9	34.0			1016

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	850	Tipo Size	MGL	132	L
Cost. tempo eccitaz. Field time constant	(ms)	190	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	175				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.134				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
59			495	---	---	---	---	9.5	182.9	74.1	32.0	3020	40.1	796	
				565	---	---	---	10.7	180.8	76.0	32.0			902	
					595	---	---	11.4	183.0	77.4	32.0			935	
						615	---	11.7	181.7	77.8	32.0			939	
							695	13.3	182.7	79.9	32.0			955	
60			465	---	---	---	---	8.82	181.1	73.5	30.0	3310	45.4	745	
				530	---	---	---	10.0	180.2	75.8	30.0			845	
					560	---	---	10.6	180.8	76.8	30.0			888	
						575	---	10.9	181.0	77.3	30.0			891	
							655	12.4	180.8	79.5	30.0			907	
61			435	---	---	---	---	8.23	180.7	72.2	28.5	3660	50.5	694	
				495	---	---	---	9.36	180.6	74.6	28.5			789	
					525	---	---	9.92	180.4	75.7	28.5			836	
						535	---	10.2	182.1	76.1	28.5			841	
							610	11.6	181.6	78.3	28.5			856	
62			405	---	---	---	---	7.62	179.7	70.6	27.0	4120	56.2	644	
				460	---	---	---	8.68	180.2	73.1	27.0			734	
					485	---	---	9.21	181.3	74.2	27.0			779	
						500	---	9.48	181.1	74.7	27.0			799	
							570	10.8	180.9	76.9	27.0			813	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione			
Excitation power	(w)	950	
Cost. tempo eccitaz.			
Field time constant	(ms)	209	
Massa del motore			
Mass of the motor	(Kg)	195	
Momento d'inerzia rotore			
Rotor inertia moment	(Kgm2)	0.155	
Tipo			
Size	MGL	132	P
Ventilazione			
Ventilation			IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	520				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	1575	---	---	---	---	---	---	26.9	163.1	89.3	137	114	1.48	2524	
		1890	---	---	---	---	---	32.2	162.7	90.4	137			3023	
			2980	---	---	---	---	50.8	162.8	92.7	137			3500	*
				3295	---	---	---	56.2	162.9	93.2	137			3500	*
					3450	---	---	58.8	162.8	93.3	137			3500	*
46	1090	---	---	---	---	---	---	24.6	215.5	85.4	131	195	2.82	1747	
		1320	---	---	---	---	---	29.8	215.6	87.5	131			2110	
			2115	---	---	---	---	47.7	215.4	91.0	131			3150	
				2340	---	---	---	52.8	215.5	91.6	131			3196	
					2455	---	---	55.4	215.5	91.9	131			3216	
						2510	---	56.7	215.7	92.1	131			3226	
							2795	63.1	215.6	92.6	131			3269	*
47	875	---	---	---	---	---	---	19.2	209.5	83.1	105	295	4.19	1400	
		1060	---	---	---	---	---	23.4	210.8	85.7	105			1699	
			1715	---	---	---	---	37.8	210.5	90.0	105			2747	
				1905	---	---	---	41.9	210.0	90.7	105			2888	
					2000	---	---	43.9	209.6	90.9	105			2907	
						2045	---	45.0	210.1	91.2	105			2915	
48	695	---	---	---	---	---	---	15.4	211.6	79.5	88.0	452	6.00	1111	
		850	---	---	---	---	---	18.8	211.2	82.2	88.0			1361	
			1395	---	---	---	---	30.9	211.5	87.8	88.0			2234	
				1550	---	---	---	34.4	211.9	88.8	88.0			2387	
					1630	---	---	36.1	211.5	89.2	88.0			2404	
						1670	---	37.0	211.6	89.5	88.0			2411	
							1865	41.3	211.5	90.3	88.0			2445	
49	580	---	---	---	---	---	---	13.3	219.0	77.5	78.0	571	8.20	927	
		715	---	---	---	---	---	16.4	219.0	80.9	78.0			1141	
			1180	---	---	---	---	27.1	219.3	86.9	78.0			1889	
				1315	---	---	---	30.2	219.3	88.0	78.0			1985	
					1380	---	---	31.7	219.4	88.4	78.0			1998	
						1415	---	32.4	218.7	88.4	78.0			2004	
50	485	---	---	---	---	---	---	11.3	222.5	74.4	69.0	747	10.80	778	
		605	---	---	---	---	---	14.0	221.0	78.0	69.0			965	
			1015	---	---	---	---	23.5	221.1	85.1	69.0			1620	
				1130	---	---	---	26.2	221.4	86.3	69.0			1716	
					1190	---	---	27.6	221.5	87.0	69.0			1728	
						1215	---	28.3	222.4	87.3	69.0			1733	
							1365	31.7	221.8	88.4	69.0			1758	
51	420	---	---	---	---	---	---	9.65	219.4	71.9	61.0	938	13.6	668	
		520	---	---	---	---	---	12.1	222.2	76.3	61.0			835	
			885	---	---	---	---	20.5	221.2	84.0	61.0			1417	
				990	---	---	---	22.9	220.9	85.3	61.0			1529	
					1040	---	---	24.1	221.3	85.9	61.0			1540	
						1065	---	24.7	221.5	86.2	61.0			1545	
							1195	27.7	221.4	87.3	61.0			1568	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	950	Tipo Size	MGL	132	P
Cost. tempo eccitaz. Field time constant	(ms)	209	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	195				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.155				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	260	400	440	460	470	520	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	360	---	---	---	---	---	---	8.33	221.0	68.8	55.0	1170	16.8	576
		455	---	---	---	---	---	10.5	220.4	73.4	55.0			725
			780	---	---	---	---	18.1	221.6	82.3	55.0			1249
				875	---	---	---	20.2	220.5	83.5	55.0			1371
					920	---	---	21.3	221.1	84.2	55.0			1381
						945	---	21.9	221.3	84.7	55.0			1386
53	315	---	---	---	---	---	---	7.25	219.8	65.9	50.0	1420	20.3	501
		400	---	---	---	---	---	9.22	220.1	70.9	50.0			637
			695	---	---	---	---	16.1	221.2	80.5	50.0			1113
				780	---	---	---	18.1	221.6	82.3	50.0			1243
					825	---	---	19.1	221.1	83.0	50.0			1252
						845	---	19.6	221.5	83.4	50.0			1257
							950	22.0	221.1	84.6	50.0			1276
54		355	---	---	---	---	---	8.02	215.7	68.5	45.0	1710	24.1	564
			625	---	---	---	---	14.2	217.0	78.9	45.0			1001
				705	---	---	---	16.0	216.7	80.8	45.0			1126
					740	---	---	16.9	218.1	81.6	45.0			1164
						760	---	17.3	217.4	81.8	45.0			1168
							860	19.5	216.5	83.3	45.0			1187
55		310	---	---	---	---	---	6.96	214.4	65.3	41.0	2090	28.2	496
			560	---	---	---	---	12.6	214.9	76.8	41.0			899
				635	---	---	---	14.2	213.5	78.7	41.0			1014
					670	---	---	15.0	213.8	79.5	41.0			1072
						690	---	15.4	213.1	79.9	41.0			1087
							780	17.5	214.2	82.1	41.0			1105
56			515	---	---	---	---	12.0	222.5	75.9	39.5	2290	32.7	822
				580	---	---	---	13.5	222.3	77.7	39.5			929
					615	---	---	14.3	222.0	78.7	39.5			983
						630	---	14.7	222.8	79.2	39.5			1009
							715	16.6	221.7	80.8	39.5			1027
57			475	---	---	---	---	11.1	223.2	75.0	37.0	2530	37.5	759
				535	---	---	---	12.6	224.9	77.4	37.0			859
					570	---	---	13.3	222.8	78.1	37.0			903
						585	---	13.6	222.0	78.2	37.0			907
							660	15.5	224.3	80.6	37.0			922
58			435	---	---	---	---	9.96	218.6	73.2	34.0	2960	42.7	695
				495	---	---	---	11.3	218.0	75.5	34.0			789
					520	---	---	12.0	220.4	76.7	34.0			835
						535	---	12.3	219.5	77.0	34.0			859
							610	14.0	219.2	79.2	34.0			878

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 950 Cost. tempo eccitaz. Field time constant (ms) 209 Massa del motore Mass of the motor (Kg) 195 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.155			Tipo Size MGL 132 P Ventilazione Ventilation IC 06				
Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	260	400	440	460	470	520	kW			Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
59			395	--- 450	--- 480	--- 495	--- 560	9.10 10.4 11.0 11.3 12.9	220.0 220.7 218.8 218.0 220.0	71.1 73.9 74.7 75.1 77.5	32.0 32.0 32.0 32.0 32.0	3420	47.9	635 723 767 789 824	
60			370	--- 425	--- 450	--- 460	--- 525	8.45 9.63 10.2 10.5 12.0	218.1 216.4 216.5 218.0 218.3	70.4 73.0 73.9 74.5 76.9	30.0 30.0 30.0 30.0 30.0	3740	54.2	594 677 719 740 783	
61			345	--- 395	--- 420	--- 430	--- 495	7.87 8.99 9.55 9.84 11.2	217.8 217.3 217.1 218.5 216.1	69.0 71.7 72.8 73.5 75.6	28.5 28.5 28.5 28.5 28.5	4130	60.3	552 631 670 690 738	
62			320	--- 365	--- 390	--- 400	--- 460	7.24 8.31 8.84 9.11 10.4	216.1 217.4 216.5 217.5 215.9	67.0 69.9 71.2 71.8 74.1	27.0 27.0 27.0 27.0 27.0	4660	67.1	509 584 622 640 701	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	920	Tipo Size	MGL	160	K
Cost. tempo eccitaz. Field time constant	(ms)	209	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	220				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.2				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	2355	---	---	---	---	---	---	41.8	170	89.6	212	60.2	1.10	3768	*
		4420	---	---	---	---	---	63.8	138	92.2	173			4500	*
46	1930	---	---	---	---	---	---	35.9	178	88.7	184	86.5	1.57	3092	*
		3655	---	---	---	---	---	67.8	177	92.1	184			4500	*
			4035	---	---	---	---	74.9	177	92.5	184			4500	*
				4230	---	---	---	77.1	174	92.6	181			4500	*
					4325	---	---	77.1	170	92.7	177			4500	*
47	1630	---	---	---	---	---	---	30.8	180	87.5	160	118	2.14	2612	
		3110	---	---	---	---	---	58.6	180	91.6	160			3933	
			3435	---	---	---	---	64.8	180	92.0	160			3981	
				3600	---	---	---	67.9	180	92.3	160			4002	
					3680	---	---	69.5	180	92.4	160			4012	
48	1410	---	---	---	---	---	---	26.8	182	86.4	141	152	2.77	2255	
		2700	---	---	---	---	---	51.4	182	91.1	141			3417	
			2990	---	---	---	---	56.9	182	91.7	141			3459	
				3130	---	---	---	59.6	182	91.9	141			3478	
					3205	---	---	61.0	182	92.0	141			3486	
						3560	---	67.8	182	92.5	141			3562	
49	1235	---	---	---	---	---	---	23.4	181	85.1	125	195	3.58	1974	
		2380	---	---	---	---	---	45.2	181	90.4	125			3041	
			2635	---	---	---	---	50.1	182	91.1	125			3079	
				2765	---	---	---	52.5	181	91.3	125			3096	
					2830	---	---	53.7	181	91.4	125			3104	
						3145	---	59.7	181	91.8	125			3147	
							3655	66.5	174	92.4	120			3657	
50	1130	---	---	---	---	---	---	21.2	179	84.5	114	227	4.18	1807	
		2190	---	---	---	---	---	41.1	179	90.1	114			3500	
			2425	---	---	---	---	45.5	179	90.7	114			3877	
				2540	---	---	---	47.7	179	91.0	114			4065	
					2600	---	---	48.8	179	91.1	114			4159	
						2895	---	54.3	179	91.6	114			4500	
51	985	---	---	---	---	---	---	18.7	181	83.3	102	286	5.32	1575	
		1925	---	---	---	---	---	36.4	181	89.2	102			2490	
			2135	---	---	---	---	40.4	181	90.0	102			2522	
				2235	---	---	---	42.4	181	90.4	102			2536	
					2290	---	---	43.4	181	90.5	102			2543	
						2550	---	48.3	181	91.1	102			2572	
							2965	54.4	175	92.0	98.6			2967	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione			
Excitation power	(w)	920	
Cost. tempo eccitaz.			
Field time constant	(ms)	209	
Massa del motore			
Mass of the motor	(Kg)	220	
Momento d'inerzia rotore			
Rotor inertia moment	(Kgm2)	0.2	
Tipo			
Size	MGL	160	K
Ventilazione			
Ventilation			IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
52	915	---	---	---	---	---	---	17.4	182	82.4	96.0	327	6.0	1462	
		1795	---	---	---	---	---	34.1	181	88.8	96.0			2873	
			1990	---	---	---	---	37.8	181	89.5	96.0			3187	
				2090	---	---	---	39.7	181	89.9	96.0			3344	
					2140	---	---	40.6	181	90.0	96.0			3422	
						2385	---	45.3	181	90.7	96.0			3814	
							2775	52.7	181	91.5	96.0			4441	
53	810	---	---	---	---	---	---	15.4	182	80.5	87.0	402	7.4	1292	
		1600	---	---	---	---	---	30.6	183	87.9	87.0			2088	
			1780	---	---	---	---	34.0	182	88.8	87.0			2115	
				1865	---	---	---	35.7	183	89.2	87.0			2127	
					1910	---	---	36.5	183	89.3	87.0			2133	
						2130	---	40.7	183	90.0	87.0			2158	
54	760	---	---	---	---	---	---	14.4	181	79.8	82.0	448	8.2	1217	
		1515	---	---	---	---	---	28.7	181	87.5	82.0			2427	
			1685	---	---	---	---	31.9	181	88.4	82.0			2696	
				1770	---	---	---	33.5	181	88.8	82.0			2830	
					1810	---	---	34.3	181	89.0	82.0			2897	
55	645	---	---	---	---	---	---	12.3	182	77.7	72.0	580	10.7	1036	
		1310	---	---	---	---	---	24.9	182	86.5	72.0			2094	
			1455	---	---	---	---	27.7	182	87.4	72.0			2329	
				1530	---	---	---	29.1	182	87.9	72.0			2447	
					1565	---	---	29.8	182	88.1	72.0			2506	
						1750	---	33.2	181	88.7	72.0			2800	
56	555	---	---	---	---	---	---	10.6	182	75.3	64.0	740	13.4	891	
		1145	---	---	---	---	---	21.8	182	85.2	64.0			1832	
			1275	---	---	---	---	24.2	181	85.9	64.0			2041	
				1340	---	---	---	25.5	182	86.6	64.0			2146	
					1375	---	---	26.1	181	86.8	64.0			2198	
						1535	---	29.3	182	88.0	64.0			2459	
							1800	34.2	181	89.1	64.0			2878	
57	490	---	---	---	---	---	---	9.25	180	73.1	57.5	905	16.8	780	
		1015	---	---	---	---	---	19.3	182	83.9	57.5			1627	
			1135	---	---	---	---	21.5	181	85.0	57.5			1815	
				1195	---	---	---	22.6	181	85.4	57.5			1909	
					1225	---	---	23.2	181	85.8	57.5			1956	
						1370	---	26.0	181	87.0	57.5			2192	
58	430	---	---	---	---	---	---	8.09	180	70.7	52.0	1110	20.2	686	
		910	---	---	---	---	---	17.2	181	82.7	52.0			1455	
			1015	---	---	---	---	19.20	181	83.9	52.0			1627	
				1070	---	---	---	20.2	180	84.4	52.0			1712	
					1095	---	---	20.7	181	84.7	52.0			1755	
						1230	---	23.2	180	85.8	52.0			1969	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power (w) 920	
Cost. tempo eccitaz. Field time constant (ms) 209	
Massa del motore Mass of the motor (Kg) 220	
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.2	
Tipo Size MGL 160 K	
Ventilazione Ventilation IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59	380	---	---	---	---	---	---	7.42	187	68.8	49.0	1270	24.2	611	
		825	---	---	---	---	---	16.0	185	81.6	49.0			1317	
			920	---	---	---	---	17.9	186	83.0	49.0			1474	
				970	---	---	---	18.8	185	83.4	49.0			1552	
					995	---	---	19.3	185	83.8	49.0			1591	
						1115	---	21.7	186	85.2	49.0			1787	
							1315	25.5	185	86.7	49.0			2101	
60	345	---	---	---	---	---	---	6.71	186	67.0	45.5	1450	27.7	549	
		750	---	---	---	---	---	14.7	187	80.8	45.5			1201	
			840	---	---	---	---	16.4	186	81.9	45.5			1346	
				885	---	---	---	17.3	187	82.7	45.5			1418	
					910	---	---	17.8	187	83.2	45.5			1454	
						1020	---	20.0	187	84.5	45.5			1635	
61	305	---	---	---	---	---	---	5.88	184	64.4	41.5	1740	32.9	490	
		685	---	---	---	---	---	13.1	183	78.9	41.5			1095	
			770	---	---	---	---	14.8	184	81.1	41.5			1229	
				810	---	---	---	15.6	184	81.7	41.5			1296	
					830	---	---	16.0	184	82.0	41.5			1330	
						935	---	18.0	184	83.4	41.5			1498	
							1105	21.2	183	85.1	41.5			1767	
62	274	---	---	---	---	---	---	5.17	180	61.8	38	2050	38.3	439	
		625	---	---	---	---	---	11.8	180	77.6	38.0			1003	
			705	---	---	---	---	13.3	180	79.5	38.0			1129	
				745	---	---	---	14.0	179	80.1	38.0			1192	
					765	---	---	14.4	180	80.6	38.0			1223	
						860	---	16.2	180	82.0	38.0			1380	
							1020	19.2	180	84.2	38.0			1631	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	1000		
Cost. tempo eccitaz.				
Field time constant	(ms)	230		
Massa del motore				
Mass of the motor	(Kg)	238		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.23		
Tipo				
Size			MGL	160 S
Ventilazione				
Ventilation				IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	1950	---	---	---	---	---	---	41.8	205	89.6	212	66.4	1.31	3120	*
		3670	---	---	---	---	---	75.6	197	92.6	204			4500	*
			4055	---	---	---	---	77.0	181	93.1	188			4500	*
				4245	---	---	---	77.2	174	93.2	180			4500	*
					4340	---	---	77.2	170	93.3	176			4500	*
46	1595	---	---	---	---	---	---	35.8	214	88.4	184	95.4	1.87	2555	*
		3030	---	---	---	---	---	67.9	214	92.3	184			4100	*
			3350	---	---	---	---	75.0	214	92.6	184			4154	*
				3510	---	---	---	78.6	214	92.9	184			4177	*
					3590	---	---	80.4	214	93.0	184			4188	*
						3990	---	89.3	214	93.3	184			4238	*
47	1345	---	---	---	---	---	---	30.6	217	86.9	160	130	2.55	2155	
		2575	---	---	---	---	---	58.6	217	91.6	160			3467	
			2850	---	---	---	---	64.8	217	92.0	160			3512	
				2985	---	---	---	68.0	218	92.4	160			3532	
					3055	---	---	69.5	217	92.4	160			3542	
48	1160	---	---	---	---	---	---	26.6	219	85.8	141	167	3.30	1859	
		2240	---	---	---	---	---	51.3	219	91.0	141			3012	
			2475	---	---	---	---	56.8	219	91.6	141			3052	
				2595	---	---	---	59.6	219	91.9	141			3069	
					2655	---	---	60.9	219	91.9	141			3077	
						2955	---	67.8	219	92.5	141			3114	
49	1015	---	---	---	---	---	---	23.2	218	84.4	125	215	4.27	1624	
		1970	---	---	---	---	---	45.1	219	90.2	125			2680	
			2185	---	---	---	---	50.0	219	90.9	125			2716	
				2290	---	---	---	52.4	219	91.1	125			2732	
					2345	---	---	53.6	218	91.2	125			2739	
						2610	---	59.7	218	91.8	125			2772	
							3035	69.4	218	92.5	125			3035	
50	930	---	---	---	---	---	---	21.0	216	83.7	114	249	4.98	1486	
		1810	---	---	---	---	---	41.0	216	89.9	114			2897	
			2005	---	---	---	---	45.4	216	90.5	114			3210	
				2105	---	---	---	47.6	216	90.8	114			3367	
					2155	---	---	48.7	216	90.9	114			3446	
						2400	---	54.3	216	91.6	114			3838	
51	810	---	---	---	---	---	---	18.4	217	82.0	102	315	6.35	1292	
		1590	---	---	---	---	---	36.3	218	89.0	102			2194	
			1765	---	---	---	---	40.3	218	89.8	102			2224	
				1850	---	---	---	42.3	218	90.2	102			2237	
					1895	---	---	43.3	218	90.3	102			2243	
						2110	---	48.2	218	90.9	102			2271	
							2460	56.2	218	91.8	102			2460	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	1000	Tipo Size	MGL	160	S
Cost. tempo eccitaz. Field time constant	(ms)	230	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	238				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.23				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	750	---	---	---	---	---	---	17.1	218	81.0	96.0	360	7.18	1198
		1485	---	---	---	---	---	34.0	219	88.5	96.0			2374
			1645	---	---	---	---	37.7	219	89.3	96.0			2635
				1730	---	---	---	39.6	219	89.7	96.0			2766
					1770	---	---	40.5	219	89.8	96.0			2831
						1975	---	45.2	219	90.5	96.0			3158
							2300	52.6	218	91.3	96.0			3680
53	660	---	---	---	---	---	---	15.2	220	79.4	87.0	443	8.83	1056
		1320	---	---	---	---	---	30.4	220	87.4	87.0			1839
			1470	---	---	---	---	33.8	220	88.3	87.0			1865
				1545	---	---	---	35.5	219	88.7	87.0			1876
					1580	---	---	36.4	220	89.0	87.0			1882
						1765	---	40.6	220	89.7	87.0			1905
54	620	---	---	---	---	---	---	14.2	219	78.7	82.0	493	9.74	994
		1250	---	---	---	---	---	28.5	218	86.9	82.0			2002
			1390	---	---	---	---	31.7	218	87.9	82.0			2226
				1460	---	---	---	33.3	218	88.3	82.0			2338
					1495	---	---	34.1	218	88.5	82.0			2394
55	525	---	---	---	---	---	---	12.1	220	76.4	72.0	637	12.7	843
		1080	---	---	---	---	---	24.7	218	85.8	72.0			1725
			1200	---	---	---	---	27.5	219	86.8	72.0			1921
				1260	---	---	---	28.9	219	87.3	72.0			2019
					1290	---	---	29.6	219	87.5	72.0			2068
						1445	---	33.1	219	88.4	72.0			2313
56	450	---	---	---	---	---	---	10.6	225	75.3	64.0	814	16.0	722
		940	---	---	---	---	---	21.8	222	85.2	64.0			1506
			1050	---	---	---	---	24.2	220	85.9	64.0			1680
				1105	---	---	---	25.5	220	86.6	64.0			1768
					1130	---	---	26.1	221	86.8	64.0			1811
						1270	---	29.3	220	88.0	64.0			2029
							1485	34.2	220	89.1	64.0			2377
57	395	---	---	---	---	---	---	9.00	218	71.1	57.5	995	20.0	630
		835	---	---	---	---	---	19.1	218	83.0	57.5			1336
			935	---	---	---	---	21.3	218	84.2	57.5			1492
				980	---	---	---	22.4	218	84.7	57.5			1571
					1005	---	---	23.0	219	85.1	57.5			1610
						1130	---	25.8	218	86.3	57.5			1806
58	345	---	---	---	---	---	---	7.84	217	68.5	52.0	1220	24.1	551
		745	---	---	---	---	---	17.0	218	81.7	52.0			1192
			835	---	---	---	---	19.00	217	83.0	52.0			1335
				880	---	---	---	20.0	217	83.6	52.0			1406
					900	---	---	20.5	218	83.9	52.0			1442
						1015	---	23.0	216	85.1	52.0			1620

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 1000 Cost. tempo eccitaz. Field time constant (ms) 230 Massa del motore Mass of the motor (Kg) 238 Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.23			Tipo Size MGL 160 S Ventilazione Ventilation IC 06				
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
Avv.	220	400	440	460	470	520	600	kW			Amp	Res. 115°C mOhm	Ind. mH		
59	305	--- 675	--- 755	--- 795	--- 815	--- 920	--- 1080	7.16 15.8 17.7 18.6 19.1 21.5 25.3	224 224 224 223 224 223 224	66.4 80.6 82.1 82.5 82.9 84.4 86.1	49.0 49.0 49.0 49.0 49.0 49.0 49.0	1390	28.8	489 1077 1208 1273 1306 1469 1731	
60	274	--- 615	--- 690	--- 725	--- 745	--- 840	--- ---	6.45 14.4 16.2 17.1 17.5 19.8	225 224 224 225 224 225	64.4 79.1 80.9 81.7 81.8 83.7	45.5 45.5 45.5 45.5 45.5 45.5	1600	33.0	438 981 1101 1162 1192 1343	
61		555	--- 625	--- 660	--- 680	--- 765	--- 905	12.9 14.5 15.3 15.7 17.8 21.0	222 222 221 221 222 222	77.7 79.4 80.1 80.5 82.5 84.3	41.5 41.5 41.5 41.5 41.5 41.5	1910	39.3	892 1004 1060 1088 1228 1452	
62		510	--- 575	--- 610	--- 625	--- 705	--- 835	11.6 13.0 13.8 14.2 16.0 19.0	217 216 216 217 217 217	76.3 77.8 78.9 79.5 81.0 83.3	38.0 38.0 38.0 38.0 38.0 38.0	2250	45.7	816 921 973 999 1130 1339	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	1100		
Cost. tempo eccitaz.				
Field time constant	(ms)	259		
Massa del motore				
Mass of the motor	(Kg)	264		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.28		
Tipo				
Size		MGL	160	M
Ventilazione				
Ventilation			IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	1580	---	---	---	---	---	---	41.6	251	89.2	212	74.6	1.60	2531	*
		2990	---	---	---	---	---	78.7	251	92.8	212			4405	*
			3305	---	---	---	---	87.0	251	93.3	212			4467	*
				3460	---	---	---	91.1	251	93.4	212			4495	*
					3540	---	---	91.9	248	93.6	209			4500	*
						3930	---	94.2	229	93.9	193			4500	*
46	1290	---	---	---	---	---	---	35.5	263	87.7	184	107	2.27	2068	
		2465	---	---	---	---	---	67.8	263	92.1	184			3540	*
			2725	---	---	---	---	75.0	263	92.6	184			3589	*
				2860	---	---	---	78.6	262	92.9	184			3611	*
					2925	---	---	80.4	263	93.0	184			3621	*
						3250	---	89.3	262	93.3	184			3667	*
							3770	104	263	94.2	184			3771	*
47	1090	---	---	---	---	---	---	30.4	266	86.4	160	146	3.09	1741	
		2095	---	---	---	---	---	58.5	267	91.4	160			2993	
			2320	---	---	---	---	64.7	266	91.9	160			3035	
				2430	---	---	---	67.9	267	92.3	160			3053	
					2485	---	---	69.4	267	92.3	160			3062	
48	935	---	---	---	---	---	---	26.4	270	85.1	141	188	4.01	1498	
		1815	---	---	---	---	---	51.1	269	90.6	141			2600	
			2015	---	---	---	---	56.7	269	91.4	141			2637	
				2110	---	---	---	59.4	269	91.6	141			2653	
					2160	---	---	60.8	269	91.7	141			2660	
						2405	---	67.7	269	92.3	141			2694	
49	815	---	---	---	---	---	---	22.9	268	83.3	125	242	5.19	1306	
		1600	---	---	---	---	---	44.9	268	89.8	125			2313	
			1775	---	---	---	---	49.8	268	90.5	125			2346	
				1860	---	---	---	52.2	268	90.8	125			2361	
					1905	---	---	53.4	268	90.9	125			2368	
						2120	---	59.6	269	91.7	125			2398	
							2470	69.3	268	92.4	125			2470	
50	745	---	---	---	---	---	---	20.7	265	82.5	114	280	6.05	1193	
		1465	---	---	---	---	---	40.8	266	89.5	114			2348	
			1630	---	---	---	---	45.2	265	90.1	114			2605	
				1710	---	---	---	47.5	265	90.6	114			2733	
					1750	---	---	48.6	265	90.7	114			2797	
						1950	---	54.1	265	91.3	114			3118	
51	645	---	---	---	---	---	---	18.1	268	80.7	102	353	7.71	1035	
		1285	---	---	---	---	---	36.1	268	88.5	102			1892	
			1430	---	---	---	---	40.1	268	89.3	102			1920	
				1500	---	---	---	42.1	268	89.7	102			1933	
					1535	---	---	43.1	268	89.9	102			1939	
						1715	---	48.0	267	90.5	102			1964	
							2000	56.0	267	91.5	102			2000	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	1100		
Cost. tempo eccitaz.				
Field time constant	(ms)	259		
Massa del motore				
Mass of the motor	(Kg)	264		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.28		
Tipo				
Size			MGL	160 M
Ventilazione				
Ventilation				IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
52	600	---	---	---	---	---	---	16.8	267	79.5	96.0	404	8.72	957	
		1200	---	---	---	---	---	33.7	268	87.8	96.0			1919	
			1335	---	---	---	---	37.4	268	88.5	96.0			2133	
				1400	---	---	---	39.3	268	89.0	96.0			2240	
					1435	---	---	40.3	268	89.3	96.0			2294	
						1600	---	45.0	269	90.1	96.0			2561	
							1870	52.5	268	91.1	96.0			2989	
53	525	---	---	---	---	---	---	14.9	271	77.8	87.0	497	10.70	841	
		1070	---	---	---	---	---	30.2	270	86.8	87.0			1586	
			1190	---	---	---	---	33.6	270	87.8	87.0			1610	
				1250	---	---	---	35.3	270	88.2	87.0			1620	
					1280	---	---	36.1	269	88.3	87.0			1625	
						1430	---	40.4	270	89.3	87.0			1647	
54	495	---	---	---	---	---	---	13.8	266	76.5	82.0	552	11.80	791	
		1010	---	---	---	---	---	28.3	268	86.3	82.0			1616	
			1125	---	---	---	---	31.5	267	87.3	82.0			1799	
				1180	---	---	---	33.1	268	87.8	82.0			1891	
					1210	---	---	33.9	268	88.0	82.0			1936	
55	415	---	---	---	---	---	---	11.7	269	73.9	72.0	714	15.4	667	
		870	---	---	---	---	---	24.4	268	84.7	72.0			1389	
			970	---	---	---	---	27.2	268	85.9	72.0			1549	
				1020	---	---	---	28.6	268	86.4	72.0			1630	
					1045	---	---	29.3	268	86.6	72.0			1670	
						1170	---	32.8	268	87.6	72.0			1870	
56	355	---	---	---	---	---	---	9.98	269	70.9	64.0	913	19.4	568	
		755	---	---	---	---	---	21.2	268	82.8	64.0			1210	
			845	---	---	---	---	23.8	269	84.5	64.0			1352	
				890	---	---	---	25.0	268	84.9	64.0			1424	
					910	---	---	25.6	269	85.1	64.0			1459	
						1025	---	28.8	268	86.5	64.0			1637	
							1200	33.8	269	88.0	64.0			1922	
57	310	---	---	---	---	---	---	8.65	267	68.4	57.5	1110	24.3	493	
		670	---	---	---	---	---	18.8	268	81.7	57.5			1071	
			750	---	---	---	---	21.0	267	83.0	57.5			1199	
				790	---	---	---	22.1	267	83.6	57.5			1263	
					810	---	---	22.7	268	84.0	57.5			1295	
						910	---	25.5	268	85.3	57.5			1455	
58	268	---	---	---	---	---	---	7.48	267	65.4	52.0	1360	29.3	429	
		595	---	---	---	---	---	16.6	266	79.8	52.0			953	
			670	---	---	---	---	18.70	267	81.7	52.0			1070	
				705	---	---	---	19.7	267	82.4	52.0			1128	
					725	---	---	20.2	266	82.7	52.0			1157	
						815	---	22.7	266	83.9	52.0			1303	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione		
Excitation power	(w)	1100
Cost. tempo eccitaz.		
Field time constant	(ms)	259
Massa del motore		
Mass of the motor	(Kg)	264
Momento d'inerzia rotore		
Rotor inertia moment	(Kgm2)	0.28
Tipo		
Size	MGL	160 M
Ventilazione		
Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59		535	--- 605	--- ---	--- ---	--- ---	---	15.4 17.3 18.3 18.8 21.2 25.0	275 273 275 274 274 274	78.6 80.2 81.2 81.6 83.2 85.0	49.0 49.0 49.0 49.0 49.0 49.0	1560	35.0	859 966 1020 1046 1180 1394	
60		490	--- 550	--- ---	--- ---	--- ---	---	14.1 15.9 16.8 17.2 19.4	275 276 277 276 275	77.5 79.4 80.3 80.4 82.0	45.5 45.5 45.5 45.5 45.5	1790	40.0	781 880 929 954 1077	
61		440	--- 500	--- ---	--- ---	--- ---	---	12.6 14.2 15.0 15.4 17.4 20.7	274 271 270 270 270 271	75.9 77.8 78.6 79.0 80.6 83.1	41.5 41.5 41.5 41.5 41.5 41.5	2140	47.7	708 799 845 868 983 1166	
62		405	--- 455	--- ---	--- ---	--- ---	---	11.2 12.7 13.5 13.8 15.7 18.7	264 267 266 266 265 267	73.7 76.0 77.2 77.3 79.5 82.0	38.0 38.0 38.0 38.0 38.0 38.0	2530	55.5	646 731 774 795 902 1073	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	1200		
Cost. tempo eccitaz.				
Field time constant	(ms)	289		
Massa del motore				
Mass of the motor	(Kg)	302		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.34		
Tipo				
Size		MGL	160	L
Ventilazione				
Ventilation			IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	1275	---	---	---	---	---	---	41.4	310	88.8	212	84.9	1.95	2040	*
		2425	---	---	---	---	---	78.6	310	92.7	212			3761	*
			2680	---	---	---	---	86.9	310	93.2	212			3818	*
				2805	---	---	---	91.0	310	93.3	212			3843	*
					2870	---	---	93.1	310	93.4	212			3854	*
						3190	---	103	308	93.4	212			3907	*
46	1040	---	---	---	---	---	---	35.2	323	87.0	184	122	2.77	1662	
		1995	---	---	---	---	---	67.6	324	91.8	184			3023	
			2210	---	---	---	---	74.8	323	92.4	184			3067	
				2315	---	---	---	78.4	323	92.6	184			3087	
					2365	---	---	80.2	324	92.7	184			3096	
						2635	---	89.2	323	93.2	184			3138	*
							3060	104	325	94.2	184			3191	*
47	870	---	---	---	---	---	---	30.0	329	85.2	160	166	3.78	1395	
		1690	---	---	---	---	---	58.2	329	90.9	160			2555	
			1875	---	---	---	---	64.5	329	91.6	160			2593	
				1965	---	---	---	67.6	329	91.8	160			2610	
					2010	---	---	69.2	329	92.0	160			2618	
48	750	---	---	---	---	---	---	25.9	330	83.5	141	214	4.90	1198	
		1465	---	---	---	---	---	50.8	331	90.1	141			2219	
			1625	---	---	---	---	56.4	331	90.9	141			2253	
				1705	---	---	---	59.1	331	91.1	141			2267	
					1745	---	---	60.5	331	91.3	141			2274	
						1945	---	67.4	331	91.9	141			2305	
49	650	---	---	---	---	---	---	22.5	331	81.8	125	275	6.33	1040	
		1290	---	---	---	---	---	44.5	329	89.0	125			1973	
			1430	---	---	---	---	49.4	330	89.8	125			2004	
				1500	---	---	---	51.9	330	90.3	125			2017	
					1535	---	---	53.1	330	90.4	125			2024	
						1715	---	59.2	330	91.1	125			2052	
							1995	69.1	331	92.1	125			2087	
50	595	---	---	---	---	---	---	20.3	326	80.9	114	317	7.39	950	
		1180	---	---	---	---	---	40.4	327	88.6	114			1891	
			1310	---	---	---	---	44.9	327	89.5	114			2100	
				1380	---	---	---	47.1	326	89.8	114			2204	
					1410	---	---	48.2	326	90.0	114			2256	
						1575	---	53.8	326	90.8	114			2518	
51	515	---	---	---	---	---	---	17.7	328	78.9	102	401	9.41	821	
		1035	---	---	---	---	---	35.7	329	87.5	102			1614	
			1150	---	---	---	---	39.7	330	88.5	102			1640	
				1210	---	---	---	41.7	329	88.9	102			1651	
					1240	---	---	42.7	329	89.1	102			1656	
						1385	---	47.7	329	89.9	102			1680	
							1615	55.7	329	91.0	102			1710	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione				
Excitation power	(w)	1200		
Cost. tempo eccitaz.				
Field time constant	(ms)	289		
Massa del motore				
Mass of the motor	(Kg)	302		
Momento d'inerzia rotore				
Rotor inertia moment	(Kgm2)	0.34		
Tipo				
Size		MGL	160	L
Ventilazione				
Ventilation			IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
52	475	---	---	---	---	---	---	16.4	330	77.7	96.0	459	10.6	757	
		965	---	---	---	---	---	33.3	330	86.7	96.0			1541	
			1070	---	---	---	---	37.1	331	87.8	96.0			1715	
				1125	---	---	---	39.0	331	88.3	96.0			1802	
					1155	---	---	39.9	330	88.4	96.0			1846	
						1290	---	44.6	330	89.3	96.0			2064	
							1510	52.1	330	90.5	96.0			2412	
53	415	---	---	---	---	---	---	14.4	331	75.2	87.0	564	13.1	662	
		855	---	---	---	---	---	29.8	333	85.6	87.0			1351	
			955	---	---	---	---	33.2	332	86.7	87.0			1374	
				1005	---	---	---	34.9	332	87.2	87.0			1384	
					1025	---	---	35.7	333	87.3	87.0			1388	
						1150	---	40.0	332	88.4	87.0			1408	
54	390	---	---	---	---	---	---	13.4	328	74.3	82.0	626	14.4	622	
		810	---	---	---	---	---	27.9	329	85.1	82.0			1294	
			900	---	---	---	---	31.1	330	86.2	82.0			1443	
				950	---	---	---	32.7	329	86.7	82.0			1518	
					970	---	---	33.5	330	86.9	82.0			1555	
55	325	---	---	---	---	---	---	11.3	332	71.3	72.0	810	18.8	521	
		695	---	---	---	---	---	24.0	330	83.3	72.0			1109	
			775	---	---	---	---	26.8	330	84.6	72.0			1240	
				815	---	---	---	28.2	330	85.1	72.0			1305	
					835	---	---	28.9	331	85.4	72.0			1338	
						940	---	32.5	330	86.8	72.0			1501	
56	275	---	---	---	---	---	---	9.52	331	67.6	64.0	1040	23.7	440	
		600	---	---	---	---	---	20.8	331	81.3	64.0			963	
			675	---	---	---	---	23.3	330	82.7	64.0			1079	
				710	---	---	---	24.6	331	83.6	64.0			1137	
					730	---	---	25.2	330	83.8	64.0			1166	
						820	---	28.3	330	85.0	64.0			1311	
							965	33.4	331	87.0	64.0			1543	
57	237	---	---	---	---	---	---	8.19	330	64.7	57.5	1260	29.7	379	
		530	---	---	---	---	---	18.4	332	80.0	57.5			850	
			595	---	---	---	---	20.6	331	81.4	57.5			954	
				630	---	---	---	21.7	329	82.0	57.5			1007	
					645	---	---	22.3	330	82.5	57.5			1033	
						725	---	25.1	331	83.9	57.5			1163	
58		470	---	---	---	---	---	16.2	329	77.9	52.0	1550	35.8	754	
			530	---	---	---	---	18.2	328	79.5	52.0			849	
				560	---	---	---	19.3	329	80.7	52.0			897	
					575	---	---	19.8	329	81.0	52.0			920	
						650	---	22.3	328	82.5	52.0			1039	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	1200	Tipo Size	MGL	160	L
Cost. tempo eccitaz. Field time constant	(ms)	289	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	302				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.34				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
59		425	---	---	---	---	---	15.0	337	76.5	49.0	1770	42.7	678	
		480	---	---	---	---	---	16.9	336	78.4	49.0			765	
			505	---	---	---	---	17.9	339	79.4	49.0			809	
				520	---	---	---	18.3	336	79.5	49.0			830	
					585	---	---	20.8	340	81.6	49.0			939	
						695	---	24.6	338	83.7	49.0			1113	
60		385	---	---	---	---	---	13.7	340	75.3	45.5	2030	48.9	614	
		435	---	---	---	---	---	15.4	338	76.9	45.5			695	
			460	---	---	---	---	16.3	338	77.9	45.5			735	
				470	---	---	---	16.8	341	78.6	45.5			755	
					535	---	---	19.0	339	80.3	45.5			856	
61		345	---	---	---	---	---	12.1	335	72.9	41.5	2430	58.2	554	
		395	---	---	---	---	---	13.7	331	75.0	41.5			629	
			415	---	---	---	---	14.5	334	76.0	41.5			666	
				430	---	---	---	15.0	333	76.9	41.5			685	
					485	---	---	17.0	335	78.8	41.5			778	
						580	---	20.2	333	81.1	41.5			928	
62		315	---	---	---	---	---	10.8	327	71.1	38.0	2870	67.7	504	
		360	---	---	---	---	---	12.3	326	73.6	38.0			573	
			380	---	---	---	---	13.0	327	74.4	38.0			608	
				390	---	---	---	13.4	328	75.0	38.0			625	
					445	---	---	15.3	328	77.4	38.0			713	
						530	---	18.2	328	79.8	38.0			852	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	1300
Cost. tempo eccitaz. Field time constant	(ms)	310
Massa del motore Mass of the motor	(Kg)	320
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.37
Tipo Size	MGL	160 P
Ventilazione Ventilation		IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
45	1140	---	---	---	---	---	---	41.2	345	88.3	212	91.1	2.16	1824	
		2175	---	---	---	---	---	78.5	345	92.6	212			3457	*
			2405	---	---	---	---	86.8	345	93.1	212			3511	*
				2515	---	---	---	90.9	345	93.2	212			3534	*
					2575	---	---	93.0	345	93.3	212			3545	*
						2860	---	103	344	93.4	212			3595	*
46	925	---	---	---	---	---	---	34.9	360	86.2	184	131	3.07	1483	
		1790	---	---	---	---	---	67.4	360	91.6	184			2778	
			1980	---	---	---	---	74.6	360	92.1	184			2821	
				2075	---	---	---	78.2	360	92.4	184			2840	
					2125	---	---	80.0	360	92.5	184			2848	
						2360	---	89.0	360	93.0	184			2888	
							2745	104	362	94.2	184			2938	*
47	775	---	---	---	---	---	---	29.7	366	84.4	160	178	4.19	1243	
		1515	---	---	---	---	---	58.0	366	90.6	160			2349	
			1680	---	---	---	---	64.3	366	91.3	160			2385	
				1760	---	---	---	67.4	366	91.6	160			2401	
					1800	---	---	69.0	366	91.8	160			2408	
48	665	---	---	---	---	---	---	25.7	369	82.8	141	229	5.43	1065	
		1310	---	---	---	---	---	50.6	369	89.7	141			2039	
			1455	---	---	---	---	56.1	368	90.4	141			2071	
				1525	---	---	---	58.9	369	90.8	141			2085	
					1565	---	---	60.3	368	91.0	141			2092	
						1740	---	67.2	369	91.7	141			2121	
49	575	---	---	---	---	---	---	22.2	369	80.7	125	295	7.02	923	
		1150	---	---	---	---	---	44.3	368	88.6	125			1813	
			1280	---	---	---	---	49.2	367	89.5	125			1842	
				1345	---	---	---	51.7	367	89.9	125			1855	
					1375	---	---	52.9	367	90.0	125			1861	
						1535	---	59.0	367	90.8	125			1887	
							1790	68.8	367	91.7	125			1921	
50	525	---	---	---	---	---	---	20.0	364	79.7	114	340	8.19	843	
		1055	---	---	---	---	---	40.2	364	88.2	114			1689	
			1175	---	---	---	---	44.7	363	89.1	114			1878	
				1230	---	---	---	46.9	364	89.4	114			1972	
					1260	---	---	48.0	364	89.6	114			2019	
						1410	---	53.6	363	90.4	114			2254	
51	455	---	---	---	---	---	---	17.4	365	77.5	102	430	10.4	727	
		925	---	---	---	---	---	35.5	367	87.0	102			1478	
			1030	---	---	---	---	39.5	366	88.0	102			1507	
				1080	---	---	---	41.5	367	88.4	102			1518	
					1105	---	---	42.5	367	88.7	102			1523	
						1235	---	47.5	367	89.6	102			1545	
							1445	55.5	367	90.7	102			1573	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power (w) 1300	
Cost. tempo eccitaz. Field time constant (ms) 310	
Massa del motore Mass of the motor (Kg) 320	
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.37	
Tipo Size MGL 160 P	
Ventilazione Ventilation IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	420	---	---	---	---	---	---	16.1	366	76.2	96.0	492	11.8	669
		860	---	---	---	---	---	33.1	368	86.2	96.0			1375
			955	---	---	---	---	36.8	368	87.1	96.0			1531
				1005	---	---	---	38.7	368	87.6	96.0			1610
					1030	---	---	39.7	368	88.0	96.0			1649
						1155	---	44.4	367	88.9	96.0			1845
							1350	51.9	367	90.1	96.0			2159
53	365	---	---	---	---	---	---	14.1	369	73.7	87.0	605	14.5	584
		760	---	---	---	---	---	29.5	371	84.8	87.0			1220
			850	---	---	---	---	32.9	370	85.9	87.0			1262
				895	---	---	---	34.6	369	86.5	87.0			1271
					915	---	---	35.5	371	86.8	87.0			1276
						1025	---	39.8	371	88.0	87.0			1295
54	340	---	---	---	---	---	---	13.1	368	72.6	82.0	671	16.0	547
		720	---	---	---	---	---	27.6	366	84.1	82.0			1152
			805	---	---	---	---	30.8	365	85.4	82.0			1287
				845	---	---	---	32.4	366	85.9	82.0			1354
					865	---	---	33.3	368	86.4	82.0			1387
55	286	---	---	---	---	---	---	11.0	367	69.4	72.0	868	20.9	457
		615	---	---	---	---	---	23.7	368	82.3	72.0			986
			690	---	---	---	---	26.6	368	84.0	72.0			1104
				725	---	---	---	28.0	369	84.5	72.0			1163
					745	---	---	28.7	368	84.8	72.0			1192
						835	---	32.2	368	86.0	72.0			1339
56	240	---	---	---	---	---	---	9.23	367	65.6	64.0	1110	26.3	384
		535	---	---	---	---	---	20.5	366	80.1	64.0			854
			600	---	---	---	---	23.1	368	82.0	64.0			959
				630	---	---	---	24.3	368	82.5	64.0			1011
					650	---	---	24.9	366	82.8	64.0			1037
						730	---	28.1	368	84.4	64.0			1168
							860	33.1	368	86.2	64.0			1377
57		470	---	---	---	---	---	18.1	368	78.7	57.5	1350	32.9	753
			530	---	---	---	---	20.3	366	80.2	57.5			847
				560	---	---	---	21.5	367	81.3	57.5			894
					575	---	---	22.0	365	81.4	57.5			917
						645	---	24.9	369	83.3	57.5			1035
58		415	---	---	---	---	---	15.9	366	76.4	52.0	1660	39.6	666
			470	---	---	---	---	18.0	366	78.7	52.0			752
				495	---	---	---	19.0	367	79.4	52.0			795
					510	---	---	19.5	365	79.8	52.0			816
						575	---	22.1	367	81.7	52.0			923

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 1300			Tipo Size MGL 160 P Ventilazione Ventilation IC 06				
								Cost. tempo eccitaz. Field time constant (ms) 310							
								Massa del motore Mass of the motor (Kg) 320							
								Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.37							
Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59		375	--- 425	--- 445	--- 460	--- 520	--- 620	14.7 16.6 17.6 18.1 20.5 24.3	374 373 378 376 377 374	75.0 77.0 78.1 78.6 80.5 82.7	49.0 49.0 49.0 49.0 49.0 49.0	1890	47.3	598 676 716 735 833 990	
60		340	--- 385	--- 405	--- 415	--- 475		13.4 15.2 16.1 16.5 18.8	376 377 380 380 378	73.6 75.9 76.9 77.2 79.5	45.5 45.5 45.5 45.5 45.5	2170	54.2	541 613 650 668 758	
61		305	--- 345	--- 365	--- 380	--- 430	--- 515	11.8 13.5 14.3 14.7 16.7 20.0	369 374 374 369 371 371	71.1 73.9 74.9 75.4 77.4 80.3	41.5 41.5 41.5 41.5 41.5 41.5	2610	64.5	487 554 588 604 688 823	
62		276	--- 315	--- 335	--- 345	--- 395	--- 470	10.5 12.0 12.8 13.1 15.0 18.0	363 364 365 363 363 366	69.1 71.8 73.2 73.3 75.9 78.9	38.0 38.0 38.0 38.0 38.0 38.0	3070	75.1	441 504 535 551 629 755	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione			
Excitation power	(w)	1400	
Cost. tempo eccitaz.			
Field time constant	(ms)	333	
Massa del motore			
Mass of the motor	(Kg)	350	
Momento d'inerzia rotore			
Rotor inertia moment	(Kgm2)	0.41	
Tipo			
Size	MGL	160	X
Ventilazione			
Ventilation			IC 06

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel. nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
45	1025	---	---	---	---	---	---	40.7	379	87.3	212	96.0	2.38	1632	
		1960	---	---	---	---	---	77.7	379	91.6	212			3094	*
			2165	---	---	---	---	86.0	379	92.2	212			4843	*
				2270	---	---	---	90.1	379	92.4	212			3163	*
					2320	---	---	92.1	379	92.4	212			3173	*
						2580	---	102	378	92.5	212			3218	*
46	830	---	---	---	---	---	---	34.3	395	84.7	184	138	3.38	1327	
		1610	---	---	---	---	---	66.4	394	90.2	184			2486	
			1785	---	---	---	---	73.6	394	90.9	184			2525	
				1870	---	---	---	77.1	394	91.1	184			2542	
					1910	---	---	78.9	395	91.2	184			2549	
						2130	---	87.8	394	91.8	184			2585	
							2475	102	394	92.4	184			2630	*
47	695	---	---	---	---	---	---	29.2	401	83.0	160	187	4.61	1112	
		1365	---	---	---	---	---	57.1	400	89.2	160			2102	
			1510	---	---	---	---	63.3	400	89.9	160			2135	
				1585	---	---	---	66.4	400	90.2	160			2149	
					1625	---	---	68.0	400	90.4	160			2155	
48	610	---	---	---	---	---	---	25.2	395	81.2	141	237	5.97	953	
		1210	---	---	---	---	---	49.8	393	88.3	141			1825	
			1345	---	---	---	---	55.3	393	89.1	141			1854	
				1410	---	---	---	58.0	393	89.4	141			1866	
					1445	---	---	59.4	393	89.6	141			1872	
						1610	---	66.2	393	90.3	141			1898	
49	515	---	---	---	---	---	---	21.8	404	79.3	125	310	7.72	826	
		1035	---	---	---	---	---	43.8	404	87.6	125			1623	
			1150	---	---	---	---	48.7	404	88.5	125			1649	
				1205	---	---	---	51.1	405	88.9	125			1660	
					1235	---	---	52.3	404	89.0	125			1666	
						1380	---	58.4	404	89.8	125			1689	
							1610	68.2	405	90.9	125			1719	
50	470	---	---	---	---	---	---	19.7	400	78.5	114	357	9.01	754	
		950	---	---	---	---	---	39.8	400	87.3	114			1512	
			1055	---	---	---	---	44.2	400	88.1	114			1681	
				1110	---	---	---	46.5	400	88.7	114			1765	
					1135	---	---	47.6	401	88.8	114			1807	
						1270	---	53.2	400	89.7	114			2017	
51	405	---	---	---	---	---	---	17.2	406	76.6	102	449	11.4	651	
		830	---	---	---	---	---	35.1	404	86.0	102			1323	
			925	---	---	---	---	39.1	404	87.1	102			1349	
				970	---	---	---	41.1	405	87.6	102			1359	
					995	---	---	42.1	404	87.8	102			1363	
						1115	---	47.1	403	88.8	102			1383	
							1300	55.1	405	90.0	102			1408	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	1400	Tipo Size	MGL	160	X
Cost. tempo eccitaz. Field time constant	(ms)	333	Ventilazione Ventilation			IC 06
Massa del motore Mass of the motor	(Kg)	350				
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.41				

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)	
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH		
52	370	---	---	---	---	---	---	15.7	405	74.3	96.0	516	13.0	599	
		770	---	---	---	---	---	32.4	402	84.4	96.0			1231	
			860	---	---	---	---	36.1	401	85.5	96.0			1370	
				905	---	---	---	38.0	401	86.1	96.0			1441	
					925	---	---	38.9	402	86.2	96.0			1476	
						1035	---	43.6	402	87.3	96.0			1651	
							1215	51.0	401	88.5	96.0			1932	
53	325	---	---	---	---	---	---	13.8	406	72.1	87.0	637	16.0	523	
		685	---	---	---	---	---	29.2	407	83.9	87.0			1092	
			765	---	---	---	---	32.6	407	85.2	87.0			1129	
				805	---	---	---	34.3	407	85.7	87.0			1138	
					825	---	---	35.1	406	85.8	87.0			1142	
						925	---	39.4	407	87.1	87.0			1160	
54	305	---	---	---	---	---	---	12.8	401	71.0	82.0	702	17.6	490	
		645	---	---	---	---	---	27.2	403	82.9	82.0			1031	
			720	---	---	---	---	30.4	403	84.3	82.0			1152	
				760	---	---	---	32.0	402	84.8	82.0			1212	
					780	---	---	32.8	402	85.1	82.0			1241	
55	255	---	---	---	---	---	---	10.8	404	68.2	72.0	907	23.0	409	
		550	---	---	---	---	---	23.5	408	81.6	72.0			882	
			620	---	---	---	---	26.4	407	83.3	72.0			988	
				650	---	---	---	27.8	408	83.9	72.0			1041	
					670	---	---	28.5	406	84.2	72.0			1067	
						750	---	32.0	407	85.5	72.0			1198	
56		475	---	---	---	---	---	20.2	406	78.9	64.0	1166	28.9	764	
			535	---	---	---	---	22.7	405	80.6	64.0			858	
				565	---	---	---	24.0	406	81.5	64.0			905	
					580	---	---	24.6	405	81.8	64.0			928	
						655	---	27.7	404	83.2	64.0			1045	
							770	32.7	406	85.2	64.0			1232	
57		420	---	---	---	---	---	17.9	407	77.8	57.5	1412	36.2	674	
			475	---	---	---	---	20.2	406	79.8	57.5			758	
				500	---	---	---	21.3	407	80.5	57.5			800	
					515	---	---	21.9	406	81.0	57.5			821	
						580	---	24.7	407	82.6	57.5			926	
58		370	---	---	---	---	---	15.7	405	75.5	52.0	1727	43.6	596	
			420	---	---	---	---	17.8	405	77.8	52.0			673	
				445	---	---	---	18.8	403	78.6	52.0			712	
					455	---	---	19.3	405	79.0	52.0			730	
						515	---	21.9	406	81.0	52.0			826	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 1400			Tipo Size MGL 160 X Ventilazione Ventilation IC 06				
Cost. tempo eccitaz.								(ms) 333							
Field time constant								(ms) 333							
Massa del motore Mass of the motor (Kg) 350															
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.41															
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
Avv.	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59		335	--- 375	--- --- 400	--- --- 410	--- --- 465	--- --- 555	14.5 16.4 17.4 17.9 20.3 24.1	413 418 415 417 417 415	74.0 76.1 77.2 77.7 79.7 82.0	49.0 49.0 49.0 49.0 49.0 49.0	1978	52.0	535 605 68 658 746 886	
60		295	--- 335	--- --- 355	--- --- 370	--- --- 420		13.0 14.8 15.7 16.1 18.3	421 422 422 416 416	71.4 73.9 75.0 75.3 77.3	45.5 45.5 45.5 45.5 45.5	2373	59.6	484 549 582 598 678	
61		265	--- 305	--- --- 325	--- --- 330	--- --- 380	--- --- 455	11.4 13.1 13.9 14.3 16.3 19.6	411 410 408 414 410 411	68.7 71.7 72.8 73.3 75.5 78.7	41.5 41.5 41.5 41.5 41.5 41.5	2827	71.0	436 496 526 541 616 737	
62		240	--- 275	--- --- 295	--- --- 300	--- --- 345	--- --- 415	10.1 11.6 12.4 12.7 14.6 17.6	402 403 401 404 404 405	66.4 69.4 70.9 71.1 73.9 77.2	38.0 38.0 38.0 38.0 38.0 38.0	3334	82.6	395 451 479 493 563 676	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power	(w)	1500	Tipo Size	MGL	160 X2
Cost. tempo eccitaz. Field time constant	(ms)	357	Ventilazione Ventilation		IC 06
Massa del motore Mass of the motor	(Kg)	403			
Momento d'inerzia rotore Rotor inertia moment	(Kgm2)	0.47			

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
45	880	---	---	---	---	---	---	40.2	436	86.2	212	106	2.74	1461	*
		1690	---	---	---	---	---	77.2	436	91.0	212			2769	*
			1870	---	---	---	---	85.5	437	91.7	212			4334	*
				1960	---	---	---	89.6	437	91.9	212			2831	*
					2005	---	---	91.7	437	92.0	212			2840	*
						2230	---	102	437	92.5	212			2880	*
46	710	---	---	---	---	---	---	33.8	455	83.5	184	153	3.89	1188	
		1385	---	---	---	---	---	65.9	454	89.5	184			2225	
			1535	---	---	---	---	73.1	455	90.3	184			2260	
				1615	---	---	---	76.6	453	90.5	184			2275	
					1650	---	---	78.4	454	90.7	184			2281	
						1835	---	87.3	454	91.2	184			2313	
							1140	102	854	92.4	184			2353	*
47	595	---	---	---	---	---	---	28.7	461	81.5	160	207	5.30	996	
		1175	---	---	---	---	---	56.6	460	88.4	160			1882	
			1300	---	---	---	---	62.8	461	89.2	160			1910	
				1365	---	---	---	65.9	461	89.5	160			1923	
					1400	---	---	67.5	460	89.8	160			1929	
48	520	---	---	---	---	---	---	24.7	454	79.6	141	263	6.87	853	
		1040	---	---	---	---	---	49.3	453	87.4	141			1633	
			1155	---	---	---	---	54.8	453	88.3	141			1659	
				1215	---	---	---	57.5	452	88.7	141			1670	
					1240	---	---	58.9	454	88.9	141			1676	
						1385	---	65.7	453	89.6	141			1699	
49	435	---	---	---	---	---	---	21.3	468	77.5	125	344	8.88	739	
		890	---	---	---	---	---	43.3	465	86.6	125			1452	
			990	---	---	---	---	48.1	464	87.5	125			1475	
				1040	---	---	---	50.6	465	88.0	125			1486	
					1065	---	---	51.8	465	88.2	125			1491	
						1190	---	57.9	465	89.1	125			1512	
							1390	67.6	464	90.1	125			1539	
50	400	---	---	---	---	---	---	19.2	458	76.6	114	395	10.36	675	
		815	---	---	---	---	---	39.3	461	86.2	114			1353	
			905	---	---	---	---	43.8	462	87.3	114			1504	
				950	---	---	---	46.0	462	87.7	114			1580	
					975	---	---	47.1	461	87.9	114			1617	
						1090	---	52.7	462	88.9	114			1806	
51	340	---	---	---	---	---	---	16.7	469	74.4	102	498	13.11	582	
		710	---	---	---	---	---	34.6	465	84.8	102			1184	
			790	---	---	---	---	38.6	467	86.0	102			1207	
				835	---	---	---	40.6	464	86.5	102			1216	
					855	---	---	41.6	465	86.8	102			1220	
						955	---	46.6	466	87.9	102			1238	
							1120	54.6	466	89.2	102			1260	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening



Potenza eccitazione Excitation power (w) 1500	
Cost. tempo eccitaz. Field time constant (ms) 357	
Massa del motore Mass of the motor (Kg) 403	
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.47	
Tipo Size MGL 160 X2	
Ventilazione Ventilation IC 06	

Avv.	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power kW	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency %	Circuito di armatura Armature circuit			Max giri Max. speed (°)
	220	400	440	460	470	520	600				Corrente Current Amp	Res. 115°C mOhm	Ind. mH	
52	315	---	---	---	---	---	---	15.2	461	72.0	96.0	572	15.0	536
		660	---	---	---	---	---	31.9	462	83.1	96.0			1101
			735	---	---	---	---	35.6	463	84.3	96.0			1226
				775	---	---	---	37.5	462	84.9	96.0			1290
					795	---	---	38.4	461	85.1	96.0			1321
						890	---	43.1	462	86.3	96.0			1478
							1045	50.5	462	87.7	96.0			1729
53	270	---	---	---	---	---	---	13.3	470	69.5	87.0	706	18.4	468
		585	---	---	---	---	---	28.6	467	82.2	87.0			977
			650	---	---	---	---	32.0	470	83.6	87.0			1011
				685	---	---	---	33.8	471	84.5	87.0			1018
					705	---	---	34.6	469	84.6	87.0			1022
						790	---	38.9	470	86.0	87.0			1038
54	255	---	---	---	---	---	---	12.3	461	68.2	82.0	777	20.2	438
		550	---	---	---	---	---	26.7	464	81.4	82.0			923
			615	---	---	---	---	29.9	464	82.9	82.0			1031
				650	---	---	---	31.5	463	83.5	82.0			1085
					665	---	---	32.3	464	83.8	82.0			1111
55	210	---	---	---	---	---	---	10.3	468	65.0	72.0	1004	26.5	366
		470	---	---	---	---	---	23.0	467	79.9	72.0			790
			525	---	---	---	---	25.9	471	81.8	72.0			884
				555	---	---	---	27.3	470	82.4	72.0			932
					570	---	---	28.0	469	82.7	72.0			955
						640	---	31.5	470	84.1	72.0			1073
56		405	---	---	---	---	---	19.7	465	77.0	64.0	1292	33.2	684
			455	---	---	---	---	22.2	466	78.8	64.0			768
				480	---	---	---	23.5	468	79.8	64.0			810
					495	---	---	24.1	465	80.1	64.0			831
						560	---	27.2	464	81.7	64.0			936
							660	32.2	466	83.9	64.0			1103
57		355	---	---	---	---	---	17.4	468	75.7	57.5	1563	41.6	603
			400	---	---	---	---	19.7	470	77.9	57.5			678
				425	---	---	---	20.8	467	78.6	57.5			716
					435	---	---	21.4	470	79.2	57.5			735
						494	---	24.2	468	80.9	57.5			829
58		315	---	---	---	---	---	15.2	461	73.1	52.0	1912	50.1	533
			355	---	---	---	---	17.3	465	75.6	52.0			602
				375	---	---	---	18.3	466	76.5	52.0			637
					385	---	---	18.8	466	76.9	52.0			654
						420	---	20.5	466	75.8	52.0			739

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

								Potenza eccitazione Excitation power (w) 1500			Tipo Size MGL 160 X2 Ventilazione Ventilation IC 06				
Cost. tempo eccitaz.								(ms) 357							
Field time constant															
Massa del motore Mass of the motor (Kg) 403															
Momento d'inerzia rotore Rotor inertia moment (Kgm2) 0.47															
	Velocità nominale n/min a tensione nominale di armatura Rated speed (rev/min) at rated voltage							Potenza Power	Coppia vel.nomin. Torque at rated speed Nm	Rendimento Efficiency	Circuito di armatura Armature circuit			Max giri Max. speed	
Avv.	220	400	440	460	470	520	600	kW		%	Corrente Current Amp	Res. 115°C mOhm	Ind. mH	(°)	
59		280	--- 320	--- 335	--- 345	--- 395	--- 470	14.0 15.9 16.9 17.4 19.8 23.6	478 475 482 482 479 480	71.4 73.7 75.0 75.6 77.7 80.3	49.0 49.0 49.0 49.0 49.0 49.0	2190	59.8	479 541 61 589 667 793	
60		245	--- 280	--- 300	--- 310	--- 355	---	12.4 14.2 15.1 15.6 17.8	483 484 481 481 479	68.1 70.9 72.1 72.9 75.2	45.5 45.5 45.5 45.5 45.5	2628	68.5	433 491 521 535 607	
61		220	--- 255	--- 270	--- 280	--- 320	--- 385	10.9 12.6 13.4 13.8 15.8 19.1	473 472 474 471 472 474	65.7 69.0 70.2 70.8 73.2 76.7	41.5 41.5 41.5 41.5 41.5 41.5	3131	81.7	390 444 471 484 551 659	
62			230	--- 245	--- 250	--- 290	--- 350	11.0 11.8 12.1 14.0 17.0	457 460 462 461 464	65.8 67.5 67.7 70.9 74.6	38.0 38.0 38.0 38.0 38.0	3694	95.0	404 429 441 504 605	

Nota (*) - VENTILAZIONE SOLO L.O. / FAN ONLY SIDE COMMUTATOR

Nota (°) - Regolazione di campo / Field weakening

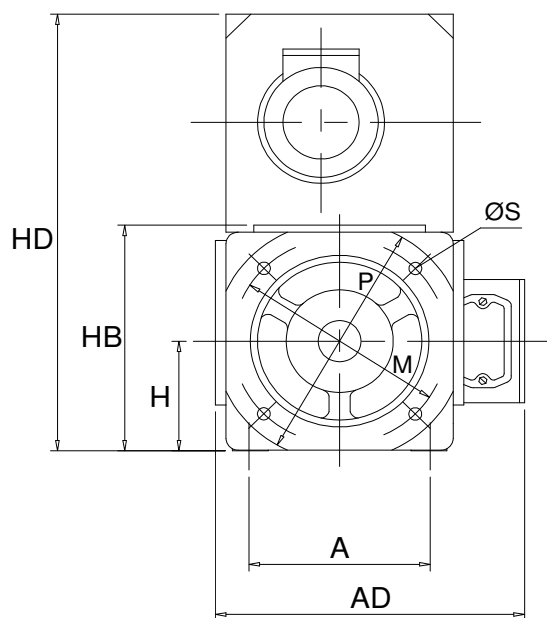
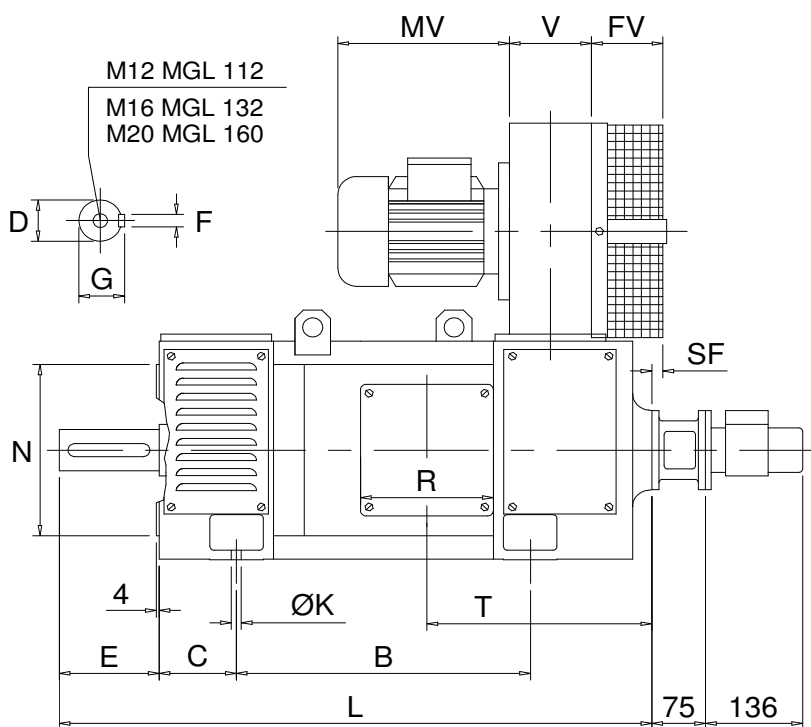


MOTORI C.C. SERIE MGL
GLEICHSTROMMOTOREN SERIE MGL
D.C. MOTORS SERIES MGL

Forma costr. IM B3/B5 e derivate - Mounting IM B3/B5 and derived
 Protezione IP23S - Protection IP23S
 Ventilazione IC06 - Cooling IC06

IN H 03

Foglio/Seite/Sheet
 D 09 93



MGL 160: MORSETTIERA RETTANGOLARE mm 200 x 270

MGL 160: RECTANGULAR TERMINAL BOARD mm 200 x 270

QUOTE MORSETTIERA	TIPO	R	T
	MGL 112	170	240
DIMENSION TERMINAL BOARD	MGL 132	200	270
	MGL 160	200	325

TIPO		PIAZZAMENTO					ALBERO				FLANGIA				INGOMBRO				ELETTROVENT.			
		A	B	C	H	K	E	D	F	G	M	N	S	P	HD	HB	L	AD	FV	MV	V	SF
112	S		288														550					
	M	190	318	70	112	12	80	38	10	41	215	180	14	250	445	233	580	325	65	185	92	22
	L		358														620					
132	S		330														656					
	M	216	370	89	132	12	110	48	14	51,5	265	230	14	300	525	273	696	395	70	211	115	34
	L		420														746					
	P		470														796					
160	K		342														760					
	S		372														790					
	M		412														830					
	L	254	462	108	160	14	140	60	18	64	300	250	18	350	630	329	880	450	73	211	135	10
	P		492														910					
	X		522														940					
	X2		572														990					



TOLLERANZE SU QUOTE DI ACCOPPIAMENTO

Tables: T1

TOLERANCE ON CONNECTION QUOTAS

18.05.2007
Sheet N°

	Dimensioni / Size	Tolleranza Tolerance
TOLLERANZA SU DIAMETRO D DELLA SPORGENZA D'ALBERO	Fino a $D = 28$ mm Untill $D = 28$ mm	j6
	Per $D = 32 \div 48$ mm For $D = 32 \div 48$ mm	k6
TOLERANCE ON DIAMETER D OF SHAFT END	Per D superiore a 48 mm For D higher than 48 mm	m6
LINGUETTA TANG	Per tutte For all	h9
FLANGIA B5 E DERIVATE QUOTA N DI CATALOGO	Per N fino a $\varnothing = 230$ mm For N untill $\varnothing = 230$ mm	j6
B5 FLANGE AND DERIVATIVES QUOTA N ON CATALOGUE	Per N oltre a $\varnothing = 230$ mm For N more than $\varnothing = 230$ mm	h6
ALTEZZA D'ASSE H DI CATALOGO HEIGHT AXIS H ON CATALOGUE	Per tutte For all	0 -0.5

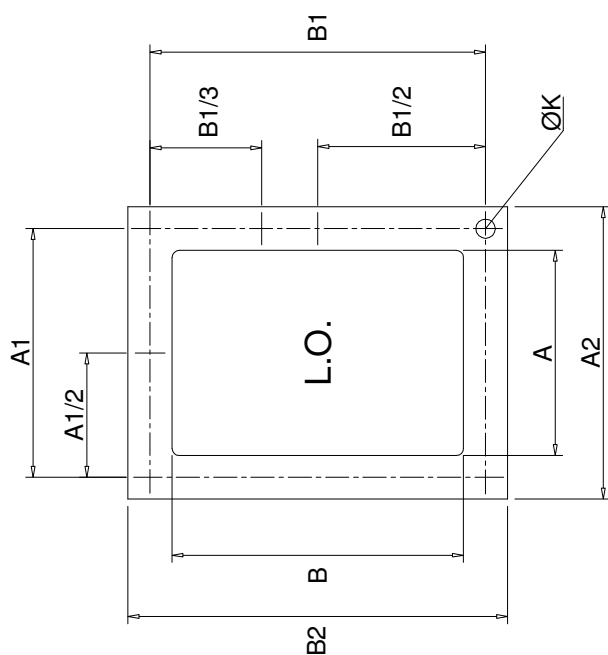


Tabella quote per bocchette di
adattamento ventilazione separata

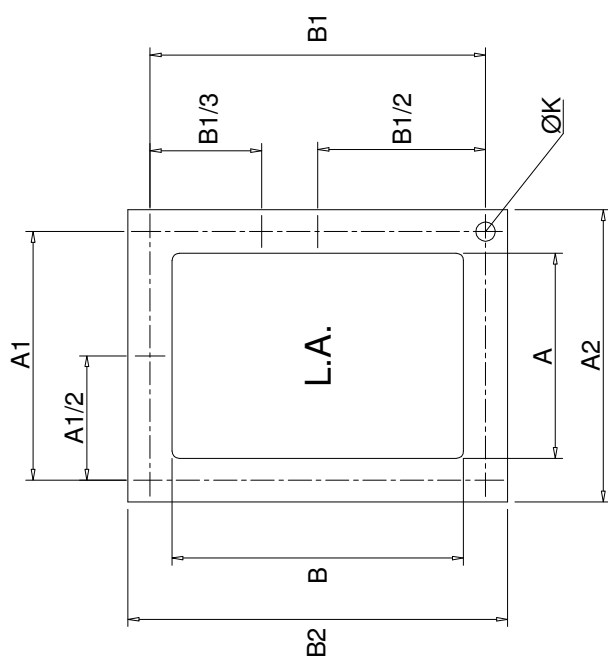
Dimensions table of adapted openings
for separated ventilation

18.05.2007
Sheet N°

Tables N° 40



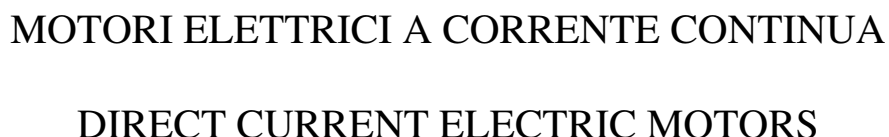
A1/2 = B1/2 = N° 8 FORI
B1/3 = N° 10 FORI
A1/2 = B1/2 = N° 8 HOLES
B1/3 = N° 10 HOLES



A	B	A1	B1	A2	B2	TIPO
ON TOP / SUPERIORI						80
98	145	108	160	120	172	
ON SIDE / LATERALI						100
98	90	108	90	120	105	
ON TOP / SUPERIORI						112
100	170	113	178	125	134	
ON SIDE / LATERALI						132
100	120	113	122	125	190	
85	140	98	145	110	155	160
105	180	118	185	130	197	
115	210	135	220	155	240	

FORI / HOLES	N°	K
4	6	
4	7	

TIPO	A	B	A1	B1	A2	B2
80	ON TOP / SUPERIORI					
	90	145	108	160	120	172
100	ON SIDE / LATERALI					
	90	90	108	90	120	105
112	ON TOP / SUPERIORI					
	90	170	113	178	125	190
132	ON SIDE / LATERALI					
	90	120	113	122	125	134
160	70	140	98	145	110	155
	90	180	118	185	130	197
	110	210	135	220	155	240



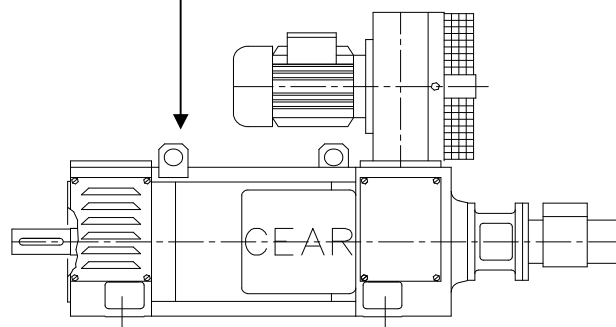
INQUIRY OF ASSISTANCE--SPARE PARTS

Sig. / Mr. : Fax :

For answer correctly to Your request, is for us **INDISPENSABLE TO KNOW THE PART NUMBER** of motor, which is indicated in the data plate and it is printed in the steel's box on the top by side towards the shaft extension.

 CEI 2771		CEAR MONTORSO (VI) ITALY Tel. +39 0444 685505 - Fax +39 0444 686190 www.cearmotors.com	
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D.C. MOTOR TYPE			
N°		P	
IM	IP	r.p.m.	
IC	Duty	U _a	
Am.T. °C	Th.Cl.	I _a	
Alt. m	Exc.	U _f	
J	Kg ^m m	Kg	
CEI EN 60034-1			

[illegible]