



Motore Asincrono 3-fase per alimentazione da inverter
AC 3-phase inverter duty Asynchronous motor
3-Phasen Asynchronmotor für Umrichterbetrieb

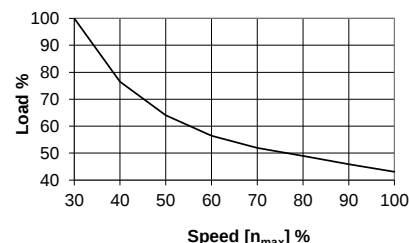
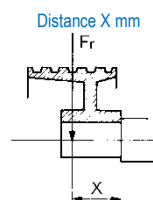
Motore	Motor	Motor	AC 3-phase asynchronous motor
Esecuzione	Execution	Ausführung	IEC standard motor (dimensions and performances)
Altezze d'asse	Shaft height	Wellenhöhe	80, 90, 100, 112, 132, 160, 180, 200, 225, 250, 280, 315, 355mm
Potenza	Power	Leistung	0,75...450kW
Coppia	Torque	Drehmoment	2,5...3850Nm
Peso	Weight	Gewicht	10...2700kg
Nr. di poli	Nr. of poles	Anzahl Pole	2, 4, 6
Velocità base	Base speed	Nennzahl	1000, 1500, 3000rpm 50Hz
Tensione di alimentazione	Supply voltage	Versorgungsspannung	230/400Vac – 400/690Vac 50Hz...460Vac 60Hz
Collegamento	Connection	Anschluss	delta/star
Collegamenti elettrici	Electrical connection	Elektrischer Anschluss	Nr.6 terminals for delta/star connection into cast iron terminal box top mounted.
Classe di isolamento	Insulation class	Isolationklasse	F, temperature rise cl.F
Termoprotettori	Thermal protectors	Thermischschutz	PTO (klixon) as standard, PTC*, KTY84-130*, PT100* on request
Forma costruttiva	Mounting construction	Bauform	B3, B5, B35 + other vertical and horizontal mountings
Grado di protezione	Protection degree	Schutzart	IP 54, IP 55*
Tipo di raffreddamento	Type of cooling	Art der Kühlung	IC 411 self-ventilated, IC 416* with axial fan 1-ph 230V 50/60Hz
Grado di vibrazione	Vibration degree	Vibrationsgrad	N, R*, S*
Metodo di equilibratura	Balancing method	Auswuchtmethode	Half key, full* key or without* key on request
Temperatura ambiente	Ambient temperature	Raumtemperatur	-20...+40°C
Colore	Color	Farbe	MTAS3 RAL 9006 (grigio) – MTGS3 RAL 5010 (blue)
Materiale carcassa	Frame material	Statormaterial	Aluminium or Cast iron
Materiale coperchi / flangia	Covers / flange material	Deckelmaterial	Aluminium or Cast iron
Materiale albero	Shaft material	Welle	Steel C45 -
Posizione morsetti	Terminal box position	Klemmenkastenposition	Standard position top mounted, side* mounted on request
Opzioni disponibili	Options available	Mögliche Optionen	Axial servo-ventilation IC 416, Encoder, PTC, KTY84-130, space heaters, stainless steel screws, insulated bearings.
Disponibilità	Availability	Verfügbarkeit	4 poles B3 and B5 normally ready in stock up to frame 315
Tempo di consegna	Delivery time	Lieferzeit	From ready in stock up to 16 weeks size and options depending.

* A richiesta con sovrapprezzo – On request with price increase –

DATI GENERALI	GENERAL DATA	ALLGEMEINE DATEN	
Forma costruttiva	Mounting	Bauformen	IM 1001 (B3) – IM 3001 (B5) ²⁾ – IM 2001 (B35) ²⁾
Protezione motore	Motor Protection	Schutzart	IP 54 (IP 55) ²⁾
Equilibratura	Balancing	Auswuchten	grado R – R degree – grad R
Isolamento	Insulation	Isolation	classe F – F class – F Klasse
Protezione termica	Thermal Protection	Thermikschutz	PTO (Klixon) ²⁾ – PTC ²⁾ – PT100 ²⁾
Rumore L _w	Noise L _w	Geräuschpegel L _w	L _w < 85 dB (A)
Raffreddamento	Cooling System	Kühlung	IC 411 – IC 416 ²⁾
Sollecitazione massima	Max adm. shock	Max schuss	V eff 4.5 mm/s 6,3...63Hz – acc. 2.55 m/s ²
Installazione	Ambient	Umgebungstemperatur	- 20 / + 40°C - 1000 m a.s.l.

VENTILATORE ²⁾	ELECTRIC FAN ²⁾	ELEKTROLÜFTER ²⁾	AXIAL FAN ²⁾										
Grandezza motore	Motor size	MotorBaugröße	80	90...112	132	160	180	200	225	250	280	315.400	
Alimentazione	Power supply	Versorgung	1-phase 220/230 V 50/60 Hz										
Corrente	Current	Strom	A	0.31	0.31	0.31	0.64	1.55	0.83	1.06	1.25	1.55	3.33
Potenza	Power	Leistung	W	45	45	45	145	350	190	240	285	355	760
Portata max	Air flow max	Volumen	m³/min	5.5	6.3	10	16	56	60	82	94	108	150
Rumorosità	Noise level	Gerauschent	dB (A)	51	53	65	72	76	67	73	74	76	78
Codice	Code	Typ	A2S130	W2S130	RB-190	R2E-225	A2E300	A4E350	A4E400	A4E420	A4E450	A4E500	

CUSCINETTI	BEARINGS		WÄRLZLAGER		RADIAL LOAD DIAGRAM		
Motor Size	D.E. side - 2 poles	Brg. Code Other poles	N.D.E. side Brg. code	Max.spd. Rpm ³⁾	Max.rad.load N @ 1500rpm	Dist. X mm	Max. axial load N
MTAS3 80	6204 ZZ C3	6204 ZZ C3	6204 ZZ C3	8000	450 / 360	20/40	140
MTAS3 90	6205 ZZ C3	6205 ZZ C3	6205 ZZ C3	7000	650 / 520	25/50	150
MTAS3 100	6206 ZZ C3	6206 ZZ C3	6206 ZZ C3	7000	850 / 680	30/60	220
MTAS3 112	6306 ZZ C3	6306 ZZ C3	6206 ZZ C3	7000	900 / 720	30/60	220
MTAS3 132	6308 ZZ C3	6308 ZZ C3	6308 ZZ C3	4500	2000 / 1700	40/80	700
MTAS3 160 MTGS3 160	6309 ZZ C3	6309 ZZ C3 NU 309 ²⁾	6309 ZZ C3	4000 4000	2100 / 1800 3800 / 3200	55/110	900
MTGS3 180	6311 ZZ C3	6311 ZZ C3 NU 311 ²⁾	6311 ZZ C3	3800 3800	2500 / 2100 4500 / 3800	55/110	1300
MTGS3 200	6312 ZZ C3	6312 ZZ C3 NU 312 ²⁾	6312 ZZ C3	3800 3800	3400 / 2900 6200 / 5300	55/110	1700
MTGS3 225	6313 ZZ C3	6313 ZZ C3 NU 313 ²⁾	6313 ZZ C3	3800 3800	4000 / 3400 7200 / 6100	70/140	1900
MTGS3 250	6314 ZZ C3	6314 ZZ C3 NU 314 ²⁾	6314 ZZ C3	3600 3600	4800 / 4000 8700 / 7200	70/140	2300
MTGS3 280	6314 C3	- NU 317	6314 C3 6317 C3	3600 3000	6600 / 5500 11800 / 9900	70/140	4500
MTGS3 315	6319 C3	- NU 319 E ²⁾	6319 C3	3600 2600	8400 / 7000 15000 / 12600	85/170	5500
MTGS3 355	6319 C3	- NU 322 E ²⁾	6319 C3 6322 C3	3600 2000	12000 / 10000 21500 / 18000	85/170	6500
MTGS3 355X	6319 C3	- NU 324 E ²⁾	6319 C3 6324 C3	3600 1800	14000 / 12000 24000 / 20000	85/170	7000

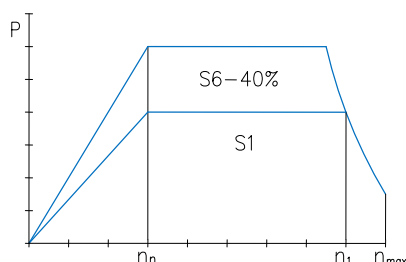


D.E. (Lato comando, drive end, Abtriebsseite) - N.D.E. (Lato opposto comando, non-drive end, Rückseite) - NU : (Cuscinetto a rulli, Roller bearing, Rollenlager) ²⁾

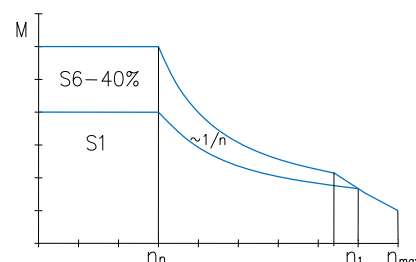
²⁾ Opzione disponibile a richiesta – Option available on request – Verfügbares Sonderzubehör

³⁾ La velocità massima continuativa è limitata al 70% del valore indicato n_{max}. - The max continuous operation speed is limited to the 70% of the indicated value n_{max}.
Per applicazioni con puleggia si raccomanda l'utilizzo del cuscinetto a rulli, for application with pulley the roller bearing option is required, bei Verwendung einer Riemenscheibe wird ein Rollenlager an der Abtriebsseite empfohlen.

POWER DIAGRAM



TORQUE DIAGRAM



IE 3 EFFICIENCY – 2 poles

DATI ELETTRICI E PRESTAZIONI				ELECTRICAL DATA AND PERFORMANCES								ELEKTRISCHE DATEN UND LEISTUNGEN						
Motor type	Es.	Eff IE	P _n Kw	n _n rpm	P nr	Un Vac	f _n Hz	I _n A 400V	η ^{4/4} %	η ^{3/4} %	η ^{1/2} %	cosφ P.F.	n ₁ rpm	n _{max} ¹⁾ rpm	M _n Nm	M _{max} Nm	J kgm ²	Wgt kg
MTAS3 80A/2	A	IE3	0,75	2880	2	230/400	50	1,62	80,7	80,7	79,1	0,83	5000	6000	2,49	5	0,0013	10
MTAS3 80B/2	A	IE3	1,1	2880	2	230/400	50	2,31	82,7	82,7	81,0	0,83	5000	6000	3,65	7	0,0016	11
MTAS3 80C/2*	A	IE3	1,5	2895	2	230/400	50	3,10	84,2	84,2	82,5	0,83	5000	6000	4,95	10	0,0017	13
MTAS3 90S/2	A	IE3	1,5	2895	2	230/400	50	3,10	84,2	84,2	82,5	0,83	5000	6000	4,95	10	0,0018	14
MTAS3 90LA/2	A	IE3	2,2	2895	2	230/400	50	4,35	85,9	85,9	84,2	0,85	5000	6000	7,26	15	0,0024	18
MTAS3 90LB/2*	A	IE3	3	2895	2	230/400	50	5,64	87,1	87,1	85,4	0,88	5000	6000	9,90	20	0,0026	19
MTAS3 100L/2	A	IE3	2,2	2895	2	230/400	50	4,35	85,9	86,2	85,4	0,85	5000	5500	7,26	15	0,0032	22
MTAS3 100LA/2	A	IE3	3	2895	2	230/400	50	5,65	87,1	87,1	85,4	0,88	5000	5500	9,90	20	0,0035	24
MTAS3 100LB/2*	A	IE3	4	2900	2	230/400	50	7,45	88,1	89,7	89,8	0,88	5000	5500	13,2	26	0,0040	26
MTAS3 112MA/2	A	IE3	4	2900	2	230/400	50	7,45	88,1	88,1	86,3	0,88	5000	5500	13,2	26	0,0080	26
MTAS3 112MB/2*	A	IE3	5,5	2930	2	230/400	50	10,1	89,2	89,2	87,4	0,88	5000	5500	17,9	36	0,0092	36
MTAS3 132SA/2	A	IE3	5,5	2930	2	400/690	50	10,1	89,2	89,2	87,4	0,88	4500	4500	17,9	36	0,0180	43
MTAS3 132SB/2	A	IE3	7,5	2930	2	400/690	50	13,7	90,1	90,1	88,3	0,88	4500	4500	24,4	49	0,0240	49
MTAS3 132MA/2	A	IE3	9,25	2940	2	400/690	50	16,8	90,1	90,1	88,3	0,88	4500	4500	30,0	60	0,0250	57
MTAS3 132MB/2*	A	IE3	11	2945	2	400/690	50	19,3	91,2	91,2	89,4	0,90	4500	4500	35,7	71	0,0270	59
MTAS3 160MA/2	A	IE3	11	2945	2	400/690	50	19,3	91,2	91,2	89,4	0,90	4000	4000	35,7	71	0,0430	85
MTAS3 160MB/2	A	IE3	15	2945	2	400/690	50	25,9	91,9	91,9	90,1	0,91	4000	4000	48,6	97	0,0480	98
MTAS3 160LA/2	A	IE3	18,5	2940	2	400/690	50	32,5	92,4	92,4	90,6	0,89	4000	4000	60,1	120	0,0580	108
MTAS3 160LB/2*	A	IE3	22	2955	2	400/690	50	38,1	92,70	92,70	90,8	0,90	4000	4000	71,1	142	0,0930	118
MTGS3 160MA/2	G	IE3	11	2945	2	400/690	50	19,3	91,2	91,2	89,4	0,90	4000	4000	35,7	71	0,0430	116
MTGS3 160MB/2	G	IE3	15	2945	2	400/690	50	25,9	91,9	91,9	90,1	0,91	4000	4000	48,6	97	0,0480	124
MTGS3 160LA/2	G	IE3	18,5	2940	2	400/690	50	32,5	92,4	92,4	90,6	0,89	4000	4000	60,1	120	0,0580	138
MTGS3 180M/2	G	IE3	22	2955	2	400/690	50	38,1	92,7	92,7	90,8	0,90	4000	4000	71,1	142	0,0980	182
MTGS3 180L/2*	G	IE3	30	2960	2	400/690	50	52,1	93,3	93,3	92,4	0,89	4000	4000	96,8	194	0,120	233
MTGS3 200LA/2	G	IE3	30	2960	2	400/690	50	52,1	93,3	93,3	91,4	0,89	3600	3600	96,8	194	0,140	250
MTGS3 200LB/2	G	IE3	37	2960	2	400/690	50	62,6	93,7	93,7	91,8	0,91	3600	3600	119	239	0,170	259
MTGS3 225M/2	G	IE3	45	2965	2	400/690	50	78,5	94,0	94,0	92,1	0,88	3600	3600	145	290	0,280	324
MTGS3 250M/2	G	IE3	55	2970	2	400/690	50	94,6	94,3	94,3	92,4	0,89	3600	3600	177	354	0,400	426
MTGS3 280S/2	G	IE3	75	2975	2	400/690	50	127	94,7	94,7	92,8	0,90	3600	3600	241	481	0,650	533
MTGS3 280M/2	G	IE3	90	2975	2	400/690	50	154	95,0	95,0	93,1	0,89	3600	3600	289	578	0,750	612
MTGS3 280MB/2*	G	IE3	110	2975	2	400/690	50	185	95,2	95,2	93,3	0,90	3600	3600	353	706	0,915	660
MTGS3 315S/2	G	IE3	110	2975	2	400/690	50	185	95,2	95,2	93,3	0,90	3600	3600	353	706	1,45	905
MTGS3 315MA/2	G	IE3	132	2975	2	400/690	50	222	95,4	95,4	93,5	0,90	3600	3600	424	847	2,10	995
MTGS3 315MB/2	G	IE3	160	2980	2	400/690	50	268	95,6	95,6	93,7	0,90	3600	3600	513	1025	2,40	1119
MTGS3 315L/2	G	IE3	200	2980	2	400/690	50	331	95,8	95,8	93,9	0,91	3600	3600	641	1282	2,60	1150
MTGS3 355M/2	G	IE3	250	2980	2	400/690	50	409	95,8	95,8	93,9	0,92	3600	3600	801	1602	3,10	1948
MTGS3 355L/2	G	IE3	315	2980	2	400/690	50	516	95,8	95,8	93,9	0,92	3600	3600	1009	2019	3,60	2356

Es.: A esecuzione in alluminio, *Aluminium construction*. - G esecuzione in ghisa, *Cast Iron construction*.

* Motori con potenza maggiorata, *Motors with increased power*.

¹⁾ Velocità massima meccanica, *Max mechanical speed*, Max. mechanische Drehzahl.

Valori di rendimento in accordo con la normativa IEC TS 60034-30-2 – *Efficiency values in accordance with the IEC TS 60034-30-2*

Prestazioni relative ai motori servoventilati – *Performances referred to servoventilated motors* - Leistungen bezogen auf fremdbelüftete Motoren

IE 3 EFFICIENCY – 4 poles

Es.: A esecuzione in alluminio, *Aluminium construction*. - G esecuzione in ghisa, *Cast Iron construction*.
 * Motori con potenza maggiorata, *Motors with increased power*.
 1) Velocità massima meccanica, *Max mechanical speed*, Max. mechanische Drehzahl.
 Valori di rendimento in accordo con la normativa IEC TS 60034-30-2 – *Efficiency values in accordance with the IEC TS 60034-30-2*
 Prestazioni relative ai motori servoventilati – *Performances referred to servoventilated motors* - Leistungen bezogen auf fremdbelüftete Motoren

IE 3 EFFICIENCY – 6 poles

DATI ELETTRICI E PRESTAZIONI					ELECTRICAL DATA AND PERFORMANCES								ELEKTRISCHE DATEN UND LEISTUNGEN						
Motor type	Es.	Eff IE	P _n Kw	n _n rpm	P nr	Un Vac	f _n Hz	I _n A 400V	η ^{4/4} %	η ^{3/4} %	η ^{1/2} %	cosφ P.F.	n ₁ rpm	n _{max} ¹⁾ rpm	M _n Nm	M _{max} Nm	J kgm ²	Wgt kg	
MTAS3 90S/6	A	IE3	0,75	935	6	230/400	50	2,25	78,9	78,9	77,3	0,61	1700	6000	7,66	15	0,0033	15	
MTAS3 90LA/6	A	IE3	1,1	945	6	230/400	50	2,84	81,0	81,0	79,4	0,69	1700	6000	11,1	22	0,0040	19	
MTAS3 100LA/6	A	IE3	1,5	945	6	230/400	50	3,80	82,5	82,5	80,9	0,69	1700	5500	15,2	30	0,0075	25	
MTAS3 112MA/6	A	IE3	2,2	955	6	230/400	50	5,31	84,3	84,3	82,6	0,71	1700	5500	22,0	44	0,0170	31	
MTAS3 132SA/6	A	IE3	3	965	6	400/690	50	7,12	85,6	85,6	83,9	0,71	1700	4500	29,7	59	0,0310	42	
MTAS3 132MA/6	A	IE3	4	965	6	400/690	50	9,37	86,8	86,8	85,1	0,71	1700	4500	39,6	79	0,0380	50	
MTAS3 132MB/6	A	IE3	5,5	965	6	400/690	50	12,0	88,0	88,0	86,2	0,75	1700	4500	54,4	109	0,0480	61	
MTAS3 160MA/6	A	IE3	7,5	970	6	400/690	50	15,8	89,1	89,1	87,3	0,77	1700	4000	73,8	148	0,0850	84	
MTAS3 160LA/6	A	IE3	11	970	6	400/690	50	22,3	90,3	90,3	88,5	0,79	1700	4000	108	217	0,120	116	
MTGS3 160MA/6	G	IE3	7,5	970	6	400/690	50	15,8	89,1	89,1	87,3	0,77	1700	4000	73,8	148	0,0950	118	
MTGS3 160LA/6	G	IE3	11	970	6	400/690	50	22,3	90,3	90,3	88,5	0,79	1700	4000	108	217	0,120	138	
MTGS3 180L/6	G	IE3	15	980	6	400/690	50	29,3	91,2	91,2	89,4	0,81	1700	3600	146	292	0,210	193	
MTGS3 180LB/6	G	IE3	18,5	980	6	400/690	50	35,9	91,7	91,7	89,9	0,81	1700	3600	180	361	0,240	205	
MTGS3 200LA/6	G	IE3	18,5	980	6	400/690	50	35,9	91,7	91,7	89,9	0,81	1700	3000	180	361	0,320	230	
MTGS3 200LB/6	G	IE3	22	980	6	400/690	50	41,5	92,2	92,2	90,4	0,83	1700	3000	214	429	0,365	243	
MTGS3 225M/6	G	IE3	30	980	6	400/690	50	55,5	92,9	92,9	91,0	0,84	1700	3000	292	585	0,550	302	
MTGS3 250M/6	G	IE3	37	985	6	400/690	50	68,1	93,3	93,3	91,4	0,84	1700	2500	359	717	0,850	390	
MTGS3 280S/6	G	IE3	45	985	6	400/690	50	81,6	93,7	93,7	91,8	0,85	1700	2500	436	873	1,40	505	
MTGS3 280M/6	G	IE3	55	985	6	400/690	50	99,3	94,1	94,1	92,2	0,85	1700	2500	533	1066	1,70	570	
MTGS3 315S/6	G	IE3	75	985	6	400/690	50	135	94,6	94,6	92,7	0,85	1700	2000	727	1454	4,15	815	
MTGS3 315MA/6	G	IE3	90	985	6	400/690	50	161	94,9	94,9	93,0	0,85	1700	2000	873	1745	4,80	955	
MTGS3 315LA/6	G	IE3	110	985	6	400/690	50	194	95,1	95,1	93,2	0,86	1700	2000	1066	2133	5,48	1015	
MTGS3 315LB/6	G	IE3	132	985	6	400/690	50	232	95,4	95,4	93,5	0,86	1700	2000	1280	2559	6,15	1120	
MTGS3 315LC/6	G	IE3	160	990	6	400/690	50	281	95,6	95,6	93,7	0,86	1700	2000	1543	3087	6,40	1250	
MTGS3 355MA/6	G	IE3	160	990	6	400/690	50	281	95,6	95,6	93,7	0,86	1700	2000	1543	3087	6,55	1591	
MTGS3 355MB/6	G	IE3	200	990	6	400/690	50	342	95,8	95,8	93,9	0,88	1700	2000	1929	3858	6,55	1720	
MTGS3 355L/6	G	IE3	250	990	6	400/690	50	428	95,8	95,8	93,9	0,88	1700	2000	2411	4823	8,25	1870	
MTGS3 355XA/6	G	IE3	315	994	6	400/690	50	546	95,8	95,8	93,9	0,87	1700	2000	3026	6052	14,0	2350	
MTGS3 355XB/6	G	IE3	355	994	6	400/690	50	615	95,8	95,8	93,9	0,87	1700	2000	3410	6821	14,9	2520	
MTGS3 355XC/6	G	IE3	400	992	6	400/690	50	701	95,8	95,6	94,6	0,86	1700	2000	3851	7702	20,5	2720	

Es.: A esecuzione in alluminio, *Aluminium construction*. - G esecuzione in ghisa, *Cast Iron construction*.

¹⁾ Velocità massima meccanica, *Max mechanical speed*, Max. mechanische Drehzahl.

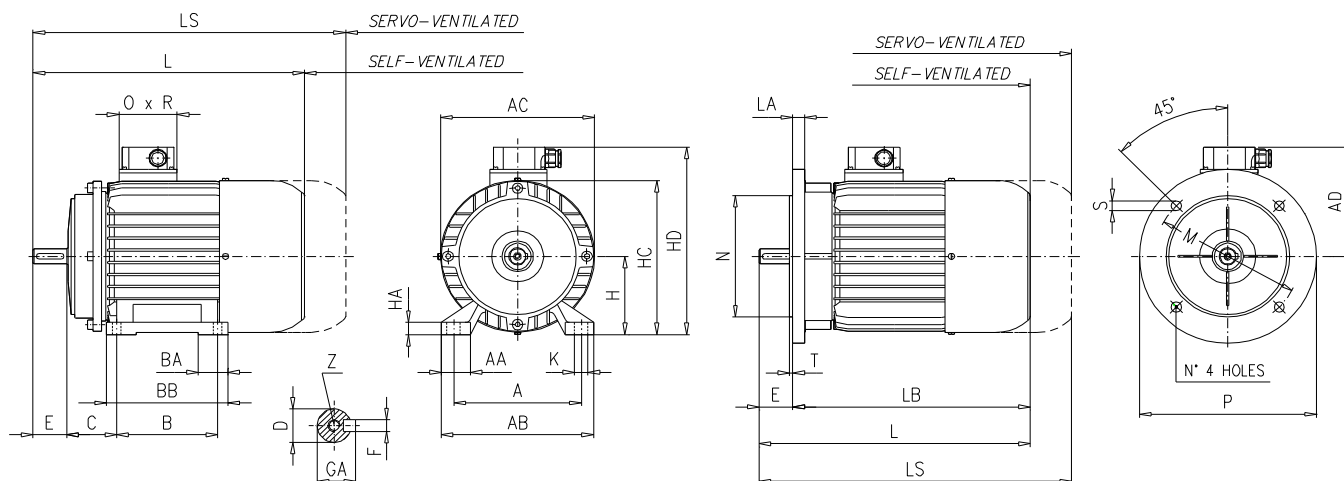
Valori di rendimento in accordo con la normativa IEC TS 60034-30-2 – *Efficiency values in accordance with the IEC TS 60034-30-2*

Prestazioni relative ai motori servoventilati – *Performances referred to servoventilated motors* - Leistungen bezogen auf fremdbelüftete Motoren

MTAS3 63...160 - ALUMINIUM

DIMENSIONI DI INGOMBRO - OVERALL DIMENSIONS - ABMESSUNGEN

Dimensions [mm]



SIZE	63	71	80	90S	90L	100	112	132S	132M	160M	160L
A			125	140	140	160	190	216	216	254	254
AA			35	35	35	50	55	58	58	54	54
AB			160	175	175	198	220	252	290	290	290
AC			157	174	174	198	220	258	258	314	314
AD			135	143	143	153	174	193	193	235	235
B			100	100	125	140	140	140	178	210	254
BA			35	33	33	42	42	73	73	90	90
BB			130	155	155	176	180	224	224	293	293
C			50	56	56	63	70	89	89	108	108
D			19 ³⁶	24 ³⁶	24 ³⁶	28 ³⁶	28 ³⁶	38 ³⁶	38 ³⁶	42 ³⁶	42 ³⁶
E			40	50	50	60	60	80	80	110	110
F			6	8	8	8	8	10	10	12	12
GA			21.5	27	27	31	31	41	41	45	45
H			80	90	90	100	112	132	132	160	160
HA			11	12	12	15	15	15	15	17	17
HC			157	175	175	195	220	260	260	320	320
HD			215	233	233	253	286	325	325	395	395
K			10x13	10x13	10x13	12x16	12x15	12x15	12x15	15x20	15x20
L			295	335	365	400	435	500	525	640	640
LA			10	12	12	13	14	14	14	15	15
LB			255	285	315	340	375	420	445	530	530
LS			375	390	448	475	512	575	615	745	745
M			165	165	165	215	215	265	265	300	300
N _{j6}			130	130	130	180	180	230	230	250	250
O			105	105	105	105	112	112	112	146	146
R			105	105	105	105	119	119	119	146	146
P			200	200	200	250	250	300	300	350	350
S ₃₎			4x12	4x12	4x12	4x15	4x15	4x15	4x15	4x19	4x19
S ₄₎			4xM6	4xM8	4xM8	4xM8	4xM8	4xM10	4xM10	4xM12	4xM12
T			3.5	3.5	3.5	4	4	4	4	5	5
Z			M6	M8	M8	M10	M10	M12	M12	M16	M16
CG			M20	M25	M25	M25	2xM25	2xM32	2xM32	2xM40	2xM40

L¹⁾ Valida per motori autoventilati IC 411 - Valid for self-ventilated motors IC 411 - Maß gültig für Motoren mit Eigenlüftung IC 411

LS²⁾ valida per motori servoventilati IC 416 - Valid for servo-ventilated motors IC 416 - Maß gültig für Motoren mit Fremdlüftung IC 416

LS²⁾ Valida anche per motori servoventilati con encoder - valid also for servoventilated motors with encoder - Maß gilt auch für fremdbelüftete Motoren mit Drehgeber.

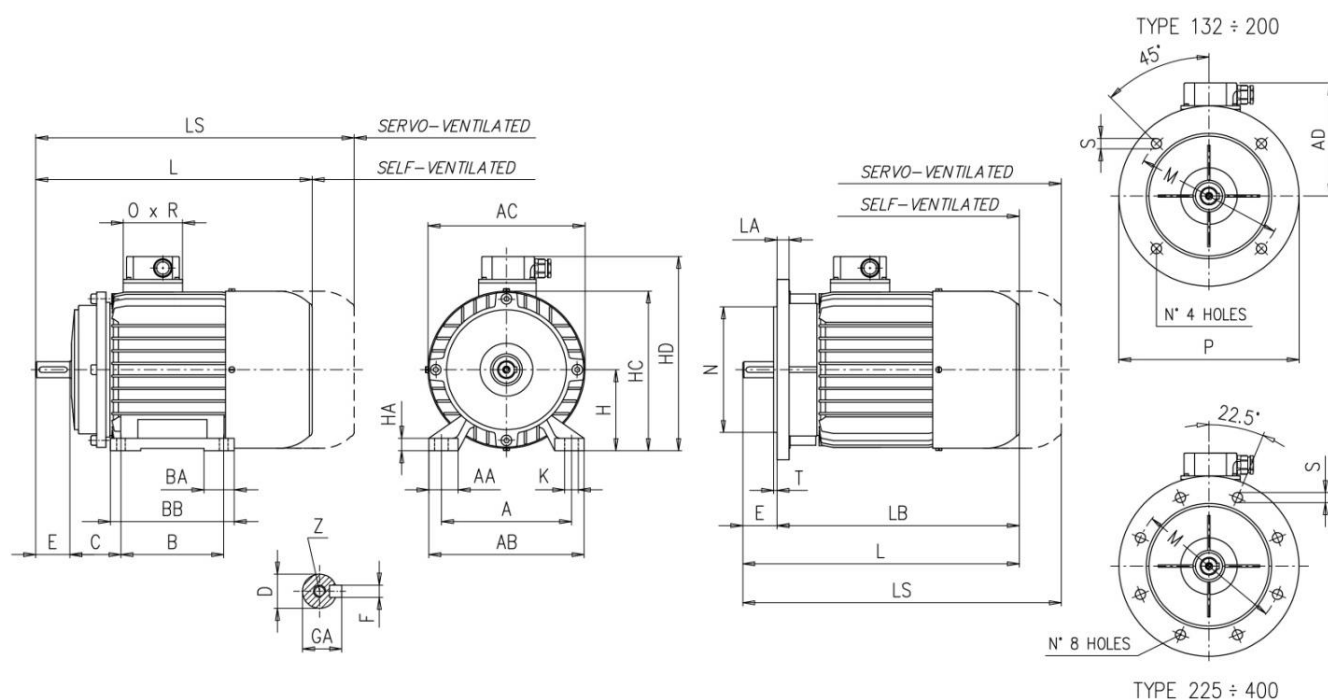
1) Di serie, as standard, serienmäßig mitgeliefert

2) Opzione disponibile a richiesta - Option available on request - Verfügbares Sonderzubehör

3) Per Motori a 2poli - for 2 poles motors

4) Per Motori a 4-6-8poli - for 4-6-8 poles motors

CG = Foro pressacavo, cable gland hole, Kabeltüllen



SIZE	160M	160L	180M	180L	200L	225S	225M	250M	280S	280M	315S	315M	315L	355M	355L	355X	400
A	254	254	279	279	318	356	356	406	457	457	508	508	508	610	610	630	656
AA	65	65	68	68	78	75	75	100	105	105	125	125	125	120	120	140	120
AB	314	314	345	345	388	431	431	484	546	546	624	624	624	730	730	760	806
AC	315	315	357	357	398	447	447	486	548	548	623	623	623	700	700	745	850
AD	247	247	268	268	307	328	328	367	396	396	481	481	481	644	644	584	710
B	210	254	241	279	305	286	311	349	368	419	406	457	508	560	630	800	710
BB	302	302	320	320	353	348	373	445	485	536	511	621	621	850	850	1110	1050
C	108	108	121	121	133	149	149	168	190	190	216	216	216	254	254	224	280
D ³⁾	42 ^{k6}	42 ^{k6}	48 ^{k6}	48 ^{k6}	55 ^{m6}	-	55 ^{m6}	60 ^{m6}	65 ^{m6}	65 ^{m6}	65 ^{m6}	65 ^{m6}	65 ^{m6}	75 ^{m6}	75 ^{m6}	-	80 ^{m6}
D ⁴⁾	42 ^{k6}	42 ^{k6}	48 ^{k6}	48 ^{k6}	55 ^{m6}	60 ^{m6}	60 ^{m6}	65 ^{m6}	75 ^{m6}	75 ^{m6}	80 ^{m6}	80 ^{m6}	80 ^{m6}	100 ^{m6}	100 ^{m6}	100 ^{m6}	100 ^{m6}
E	110	110	110	110	110	140	140	140	140	140	170	170	170	210	210	210	210
GA ³⁾	45	45	51.5	51.5	59	64	59	64	69	69	69	69	69	79.5	79.5	-	85
GA ⁴⁾	45	45	51.5	51.5	59	64	64	69	79.5	79.5	85	85	85	106	106	106	106
E ³⁾	110	110	110	110	110	-	110	140	140	140	140	140	140	140	140	-	170
E ⁴⁾	110	110	110	110	110	140	110	140	140	140	170	170	170	210	210	210	210
F ³⁾	12	12	14	14	16	-	16	18	18	18	18	18	18	20	20	-	22
F ⁴⁾	12	12	14	14	16	18	18	18	20	20	22	22	22	28	28	28	28
H	160	160	180	180	200	225	225	250	280	280	315	315	315	355	355	355	400
HA	19	19	22	22	25	28	28	33	35	35	45	45	45	50	50	49	45
HD	407	407	448	448	507	553	553	617	676	676	796	796	796	999	999	939	1110
K	14.5	14.5	14.5	14.5	18.5	18.5	18.5	24	24	24	28	28	28	28	28	35	35
L ³⁾	658	658	721	721	781	831	856	937	968	1019	1146	1256	1256	1610	1610	-	1656
L ⁴⁾	658	658	721	721	781	831	856	937	987	1038	1206	1316	1316	1680	1680	1919	1995
LA	15	15	15	15	17	19	19	22	22	22	24	24	24	25	25	25	25
LB ³⁾	548	548	611	611	671	691	716	797	828	879	1006	1116	1116	1470	1470	-	1488
LB ⁴⁾	548	548	611	611	671	691	716	797	847	898	1036	1146	1146	1470	1470	1709	1788
LS ³⁾	881	881	891	891	981	1071	1096	1177	1198	1249	1396	1506	1506	1700	1870	-	2285
LS ⁴⁾	881	881	891	891	981	1071	1096	1177	1217	1268	1456	1566	1566	1770	1940	2180	2525
M	300	300	300	300	350	400	400	500	500	500	600	600	600	740	740	740	840
N ₆	250	250	250	250	300	350	350	450	450	450	550	550	550	680	680	680	880
O	158	158	158	158	200	200	200	224	224	224	311	311	311	374	374	366	450
R	166	166	166	166	216	216	216	245	245	245	343	343	343	408	408	442	640
P	350	350	350	350	400	450	450	550	550	550	660	660	660	660	800	800	1000
S	4x18.5	4x18.5	4x18.5	4x18.5	4x18.5	8x18.5	8x18.5	8x18.5	8x18.5	8x18.5	8x24	8x24	8x24	8x24	8x24	8x24	8x24
T	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6
Z ³⁾	M16	M16	M16	M16	M20	-	M20	M20	M20	M20	M20	M20	M20	M20	M20	-	M20
Z ⁴⁾	M16	M16	M16	M16	M20	M20	-	M20	M20	M20	M20	M20	M20	M24	M24	M24	M24
CG	2xM40 1xM16	2xM40 1xM16	2xM40 1xM16	2xM40 1xM16	2xM40 1xM16	2xM50 1xM16	2xM50 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	2xM63 1xM16	4xM631 xM16	4xM63 1xM16

L¹⁾ Valida per motori autoventilati IC 411 – Valid for self-ventilated motors IC 411 – Maß gültig für Motoren mit Eigenlüftung IC 411

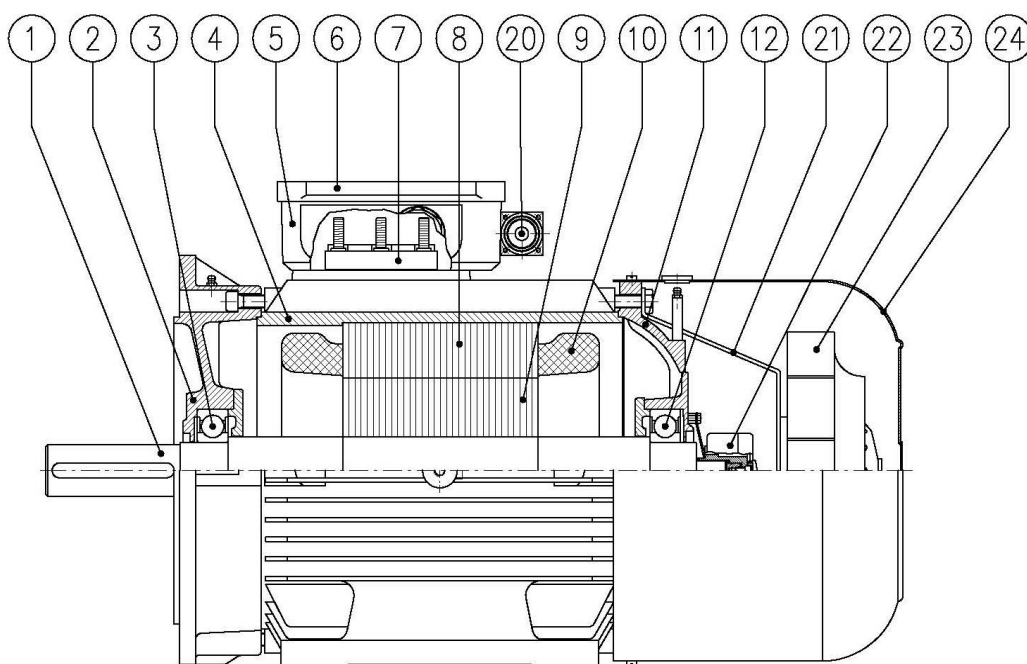
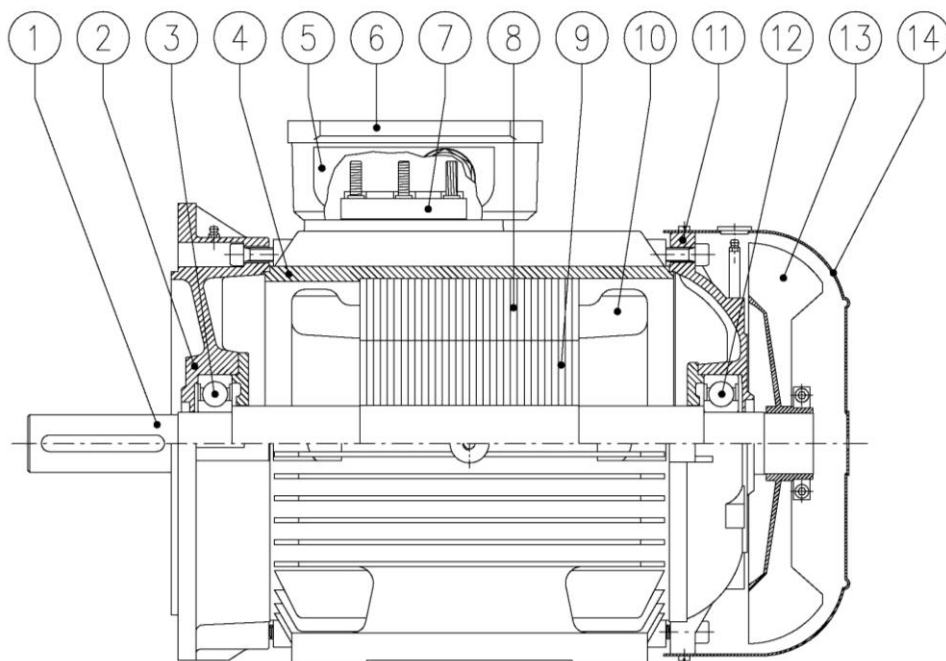
LS²⁾ valida per motori servoventilati IC 416 e per versione con encoder – Valid for servo-ventilated motors IC 416 and for motors with encoder

¹⁾ Di serie, as standard – ²⁾ Opzione disponibile a richiesta, Option available on request – ³⁾ Per Motori a 2poli, 2 poles motors – ⁴⁾ Per Motori a 4-6-8poli, 4-6-8 poles motors

CG = Foro pressacavo, cable gland hole, Kabeltüllen

MTES 132...400

DISEGNO ESPLOSO - EXPLODED DRAWING - ESPLOSIONSZEICHNUNG



1	Albero	Shaft	11	Coperchio lato opposto comando	Non-drive end cover
2	Flangia	Flange	12	Cuscinetto lato opposto comando	Non-drive end bearing
3	Cuscinetto lato comando	Drive-end bearing	13	Ventola	Fan
4	Carcassa	Frame	14	Calotta copriventola	Fan guard
5	Portamorsettiera	Terminal box	20	Connettore trasduttore	Transducer connector
6	Coperchio portamorsettiera	Terminal box cover	21	Supporto elettroventilatore	Electric fan support
7	Morsettiera	Terminal board	22	Trasduttore	Transducer
8	Statore	Stator	23	Elettroventilatore	Electric fan
9	Rotore	Rotor	24	Calotta copriventola	Fan guard
10	Avvolgimento	Winding			