

Features

- high performance with exceptional efficiency
- high overload capability
- developed for high dynamic applications
- smooth running characteristics
- excellent control characteristics
- reasonable price-to-performance ratio
- available with or without tachometer

Options (depending on motor type)

- various connectors (plugs, terminal box)
- without shaft on B-side
- covered shaft on B-side
- covered tachometer, IP64
- several brakes
- encoder

Downloads[Dimension drawings](#)**Technical Data**

	Sym	Dim	E586 MG	E588 A-MG	E588 A-MG -8	E589 MG	E540 M_	E542 M_	E543 A-M	E543 B-M
			with tachometer generator				without tachometer generator			
Rated power	P_N	W	90	140	140	170	100	140	165	165
Max. torque at low speed	M_0	Nm	0,22	0,34	0,34	0,40	0,22	0,36	0,42	0,42
Rated torque	M_N	Nm	0,19	0,28	0,28	0,34	0,19	0,28	0,34	0,34
Max. stall current at low torque	I_0	A	3,7	3,2	3,2	3,4	2,9	3,2	4,9	3,5
Rated current	I_N	A	3,4	2,8	2,8	2,8	2,6	2,8	4,0	2,8
Rated speed	n_N	min ⁻¹	5300	5000	5000	4700	5300	5000	4700	4700
Max. speed	$n_{0\ max}$	min ⁻¹	6000	6000	6000	5500	5300	5000	4700	4700
Weight	m	kg	1,30	1,70	1,70	2,10	1,00	1,40	1,60	1,60

	Sym	Dim	E642	E642	E644	E644	E644	E642	E642	E644	E644

			A-MG -K	B-MG -K	A-MG -K	B-MG -K	C-MG -K	A-M -K	B-M -K	A-M -K	B-M -K
			with tachogenerator					without tachogenerator			
Rated power	P_N	W	275	275	420	230	125	275	275	420	230
Max. torque at low speed	M_0	Nm	0,72	0,72	1,25	1,25	1,25	0,72	0,72	1,25	1,25
Rated torque	M_N	Nm	0,67	0,67	1,05	1,05	1,05	0,67	0,67	1,05	1,05
Max. stall current at low torque	I_0	A	9,0	5,7	9,8	5,2	3,1	9,0	5,7	9,8	5,2
Rated current	I_N	A	8,4	5,3	8,2	4,4	2,6	8,4	5,3	8,2	4,4
Rated speed	n_N	min ⁻¹	4000	4000	4000	2100	1200	4000	4000	4000	2100
Max. speed	$n_{0\ max}$	min ⁻¹	5000	4500	4500	2300	1400	5000	4500	4500	2300
Weight	m	kg	2,70	2,70	4,50	4,50	4,50	2,30	2,30	4,10	4,10

	Sym	Dim	E726 MG_	E728 MG_
			with tachogenerator	
Rated power	P_N	W	550	940
Max. torque at low speed	M_0	Nm	2,50	4,25
Rated torque	M_N	Nm	2,10	3,60
Max. stall current at low torque	I_0	A	7,1	11,8
Rated current	I_N	A	6,0	10,0
Rated speed	n_N	min ⁻¹	2500	2500
Max. speed	$n_{0\ max}$	min ⁻¹	3000	3000
Weight	m	kg	6,50	7,50