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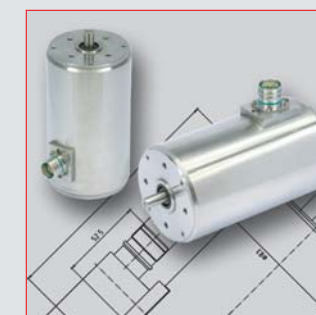
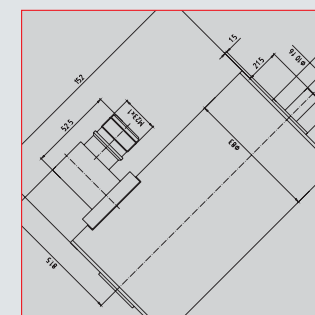
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PRECISION IS ON THE MOVE

Stainless Steel Drives
for food and pharmaceutical industry

07/2006/2000-E/Flyer Stainless Steel Drives





STAINLESS STEEL Stainless Steel Drives

Stainless steel drives have a wide range of applications, as for example food industry, packaging industry, chemical industry, pharmaceutical industry, process engineering or clean room technology.



Materials:

- food-safe stainless steels 1.4301
- special materials available on request

Applications:

- conveyor belt drives
- positioning drives
- pump drives
- actuator drives

Accessories:

- brakes
- encoders
- gears on demand

Product advantages:

- applicable under extreme environmental conditions (salt, acid and leach containing atmosphere)
- application under critical conditions (for example pharmaceutical and food industry)
- smooth surfaces – no accumulation of particles, therefore easy to clean
- ideal construction – compact, efficient, closed housings, cooling by convection
- all kinds of motors feasible – AC, DC, brushless-DC
- high stability

Brushless DC Motor

Connection: 42 V-DC, operation at an external standard controller (block commutation) rotor position detection via 3 "Hall" sensors

Insulation class: B, optional F

Protection class: IP 65 / IP 67

Special design: Design for short-time duty with higher output, further voltages and speeds on demand

Options: Special designed shafts, flanges and customized motors

	Output approx. Watts	Nominal speed rpm	Nominal torque approx. Ncm	Diameter approx. mm	Length approx. mm
M543	40	3500	11	53	112
M563	55	3350	16	53	132
M643	62	3000	20	68	112
M663	102	3100	32	68	132
M843	118	3500	32	83	112
M863	195	3600	52	83	132

Three Phase Asynchronous Motor

Connection: Three phase 400 V, 50 Hz, optional dimensioning for other voltages/frequencies
Optional dimensioning for frequency converters with 3 x 230 V

Insulation class: B, optional F

Protection class: IP 65 / IP 67

Special design: Design for short-time duty with higher output, further voltages and speeds on demand

Options: Special designed shafts, flanges and customized motors

	Output approx. Watts	Nominal speed rpm	Nominal torque approx. Ncm	Diameter approx. mm	Length approx. mm
D564	5	1000	5	53	112
D562	19	2400	8	53	112
D664	10	1350	7	68	112
D662	27	2650	10	68	112
D884	39	1300	29	83	132
D882	73	2750	25	83	132
D9584	68	1400	46	95	160
D9582	184	2750	64	95	160

Single Phase Asynchronous Motor

Connection: Single phase 230 V, 50 Hz, optional dimensioning for 110 V, 60 Hz or other voltages/frequencies

Insulation class: B, optional F

Protection class: IP 65 / IP 67

Special design: Design for short-time duty with higher output, further voltages and speeds on demand

Options: Special designed shafts, flanges and customized motors

	Output approx. Watts	Nominal speed rpm	Nominal torque approx. Ncm	Diameter approx. mm	Length approx. mm
K664	9	1000	8	68	112
K662	21	2650	8	68	112
K884	33	1300	24	83	132
K882	63	2800	22	83	132
K9584	70	1300	51	95	160
K9582	100	2750	35	95	160