

Ultra compact food grade servo system

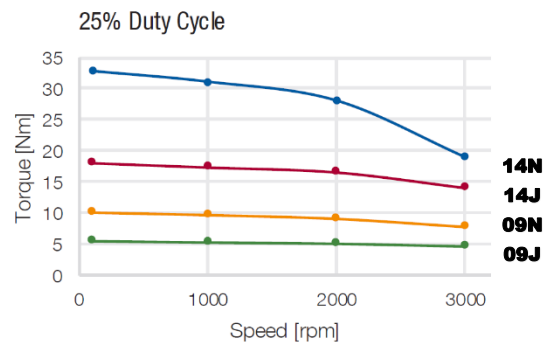
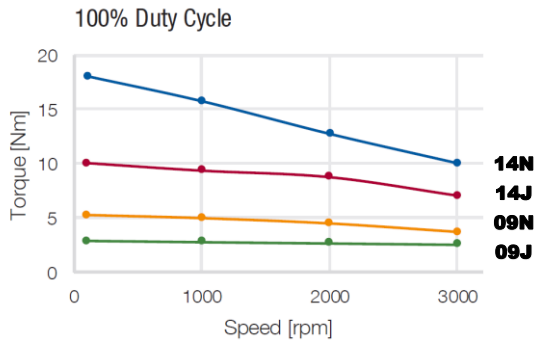


When size matters!

- We can supply ultra compact food grade SCR servo motors together with high performance drives
- Complete package including motor, cables and preprogrammed servo drive with display. Just plug and play!
- Nominal motor torque up to 10Nm at 3000rpm
- Compared to standard asynchronous motors these compact servo motor has only down to 25% of the weight and use only 10% of the volume
- Speed control with only one motor cable, or as option positioning control with or without resolver/encoder feedback
- Perfect products for following industries:
packaging, beverage, food, pharmaceutical etc
- A complete drive solution by cooperation between CronaTech Drives AB and HDD Servo Motors AB

Compact – Reliable – Powerful – Safe

motor and drive with a fast and modern connection to machine control systems



Optional:

Alt	HDD Servo Motor			Cable with connector		KEB G6 inverter with SCL		Braking resistor	Inverter enclosure
	Type	Rated torque [Nm]	Peak torque [Nm]	Type	Length xx [m]	Type	Current ratio max inv. / nom. motor	Type	Type
A	SCR 09J	2,3	7,3	00S4019-00xx	2 / 5 / 10 / 15	07G6CDA-3A30	1,96	10G6A90-4300	10G6CAB-1000
B	SCR 09N	3,6	16,6	00S4019-00xx	2 / 5 / 10 / 15	09G6CDA-3930	1,89	10G6A90-4300	10G6CAB-1000
C	SCR 14J	7	22,5	00S4019-00xx	2 / 5 / 10 / 15	10G6CDA-3930	1,96	10G6A90-4300	10G6CAB-1000
D	SCR 14N	10	45	00S4119-00xx	2 / 5 / 10 / 15	14G6CDC-3930	2,35	15G6C90-4300	14G6CAB-1000

Other combinations motor/drive can be chosen depending on the need of overloadability.

Drive info KEB G6:

3~400V supply voltage, IP20 for cabinet mounting, 180% overload for 60 sec.
Safe STO input, Inbuilt low leakage EMC-filter (<5mA), EMC clamp kit for motor cable.
Drive has LCD display and pushbuttons

Drive dimensions:

07-10G6: 90*204*200mm (w*h*d) **14G6:** 117*260*230 mm

Motor cables:

Motor cables with preassembled connector on the motor side can be delivered in various length.
Leads for phases, brake and temperature sensors

Normal drive options:

Braking resistors with an inbuilt safety fuse,
The servo inverter can be delivered mounted in IP55 cabinet including: main breaker, cable gaskets etc

Project based options (on request):

EtherCat or CAN-bus communication,
Special functions in inverter cabinets (displays, switches)

If positioning control with encoder is needed another drive family will be used: **KEB S6, F6, H6**

Motor info HDD SCR:

Nominal speed 3000rpm, made for 400V inverter, resolver, PTC thermal thermistor, washdown safe IP69K, screw free design, stainless steel used for shaft and connectors for highest corrosion resistance, stainless steel laser etched nameplate, EPDM O-ring seals, FTFE Food safe shaft seal, food safe bearing grease, special corrosion resistant food safe coating for cleaning agents with PH2 – PH12

Motor options:

Parking brake, other voltages, other temp sensors, absolute encoder EnDat 2.2 (EBI1135 / ECI1118), threaded front flange instead of plain holes

Motor dimensions:

Motor	F	B	C	L	S	H
SCR09J	92	109	80	65,6	19	125
SCR09N	92	109	80	93,3	19	125
SCR14J	140	156	130	92,9	24	173
SCR14N	140	156	130	126,9	24	173

Preliminary dimensions in mm.

Dimension L for SCR14 is same with and without brake.

Dimension L for SCR09 is without brake

