

Product Series	<input type="checkbox"/> con35 - Click for datasheet <input type="checkbox"/> con50 - Click for datasheet <input type="checkbox"/> con60 - Click for datasheet
A=Stroke Length	<input type="checkbox"/> 50 <input type="checkbox"/> 100 <input type="checkbox"/> 150 <input type="checkbox"/> 200 <input type="checkbox"/> 250 <input type="checkbox"/> 300 <input type="checkbox"/> 350 <input type="checkbox"/> 400 <input type="checkbox"/> 500 <input type="checkbox"/> 750 Other: _____
B=Low Noise	<input type="checkbox"/> Standard <input type="checkbox"/> Low Noise (not AISI)
C=Gearing	<input type="checkbox"/> 05/04 (24VDC only) <input type="checkbox"/> 14/14/19 <input type="checkbox"/> 19/17/43 <input type="checkbox"/> 27/24/66 <input type="checkbox"/> 51/49/81 <input type="checkbox"/> 71/84/100
D=Voltage	<input type="checkbox"/> 12Vf (con35/50 only) <input type="checkbox"/> 24Vf <input type="checkbox"/> 24Vf - EN/UL 60.601
E=Pitch	<input type="checkbox"/> 2mm std. - con35 <input type="checkbox"/> 3mm std. - con50 (con35) <input type="checkbox"/> 4mm std. - con60 <input type="checkbox"/> 3mm 'Spline' and emer. low. <input type="checkbox"/> Nut w/magnets (positioning) Standard, operation: -20°C to +70°C (con60 max.+50°C) Standard, storage: -40°C to +70°C IEC/EN/UL60601-1, operation: +5°C to +48°C IEC/EN/UL60601-1, storage: -40°C to +70°C
F=Cable Length	<input type="checkbox"/> 1 meter <input type="checkbox"/> 2 meters <input type="checkbox"/> 3 meters <input type="checkbox"/> 4 meters <input type="checkbox"/> 5 meters <input type="checkbox"/> 6 meters <input type="checkbox"/> 7 meters <input type="checkbox"/> 8 meters <input type="checkbox"/> 9 meters Other: _____
G=Cable & Connector	<input type="checkbox"/> Black, no connector <input type="checkbox"/> Black, Molex Minifit
H=Hall Sensors	<input type="checkbox"/> Without hall sensors <input type="checkbox"/> With hall sensors
I=Steel & IP Class	<input type="checkbox"/> Std. steel, IP66 <input type="checkbox"/> Std. steel, Harsh Env. <input type="checkbox"/> AISI316, IP66 <input type="checkbox"/> AISI316, Harsh Env.

J=Brackets	<input type="checkbox"/> PA (not Harsh Env.) <input type="checkbox"/> PA w/clevis (not Harsh E.) <input type="checkbox"/> Alu <input type="checkbox"/> Alu w/clevis <input type="checkbox"/> AISI316 <input type="checkbox"/> AISI316 w/clevis <input type="checkbox"/> Alu w/spherical bearings
K=Tube Color	<input type="checkbox"/> Black, RAL9005, shine 25 <input type="checkbox"/> AISI
L=Piston Ring Color	<input type="checkbox"/> Black <input type="checkbox"/> Grey (con35 only) <input type="checkbox"/> Black std. steel (Harsh E.) <input type="checkbox"/> AISI (Harsh Env. only)

Company/Contact person: _____

Application description: _____

Operating environment: _____

Type of Controller : _____

Certification requirements: _____

Additional requirements: _____

Requested amount: _____

Actuator Configuration Vocabulary

	A	B	C	D	E	F	G	H	I	J	K	L	
Product Series	Stroke Length	Low Noise	Gearing	Vol-tage	Pitch	Cable length	Cable/Conn.	Hall	Steel IP	Brac-kets	Tube Color	Ring Color	Type ID

A = Stroke length
B = Gear bracket/Low noise
C = Gearing
D = Motor voltage
E = Leadscrew/pitch
F = Cable length
G = Cable color/ connector
H = Feedback/Hall sensor
I = Tube material and IP rate
J = Brackets
K = Tube color
L = Piston ring
M = Nut
N = Bearing bushing
O = Top screw
Q = Motor tube
R = Actuator tube
S = Piston tube

Stroke length is defined as the maximum length the actuator can move. Not to be mixed with 'built in dimension', which is measured from center hole in front bracket to center hole in rear bracket.

Cable length is measured 'end-to-end' i.e. including connector (if mounted). Maximum length recommended is 9m.

Standard pitch of lead screw is 2 mm for con35, 3 mm for con50 and 4mm for con60. However, 3 mm pitch is available for con35 upon request.

Hall sensors are used to keep track of the position of the actuator.

Front and rear brackets are available in PA (not con60), aluminum and stainless steel. They can be with or without clevis. Aluminum brackets can be equipped with spherical bearings. Special brackets can be made upon request.

For IP66 actuators the piston ring (PA) is black. HE(=Harsh Environment) are stainless steel.

Standard steel actuators are delivered with black motor- and actuator tube as standard. Other RAL colors are available on request.

Three actuator series are available from Concents: con35, con50 and con60

The gearing of the actuator determines speed and force/load.

Concents' patented low noise option reduces the noise level considerably.

Choose motor voltage between 12 and 24 volts. Recommended duty cycle is max. 10%.

Concents actuators come with black cable and are delivered without connectors or with 6p Molex MiniFit connectors as standard. Other special connectors can be mounted according to customer requirements. Shielded cable, with or without connector, is also an option.

Tube material is painted standard steel (IP66) or stainless steel AISI316 (IP66, HE=Harsh Environment).

Type ID is used to specify special requirements. Standard actuators have type ID = 00

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