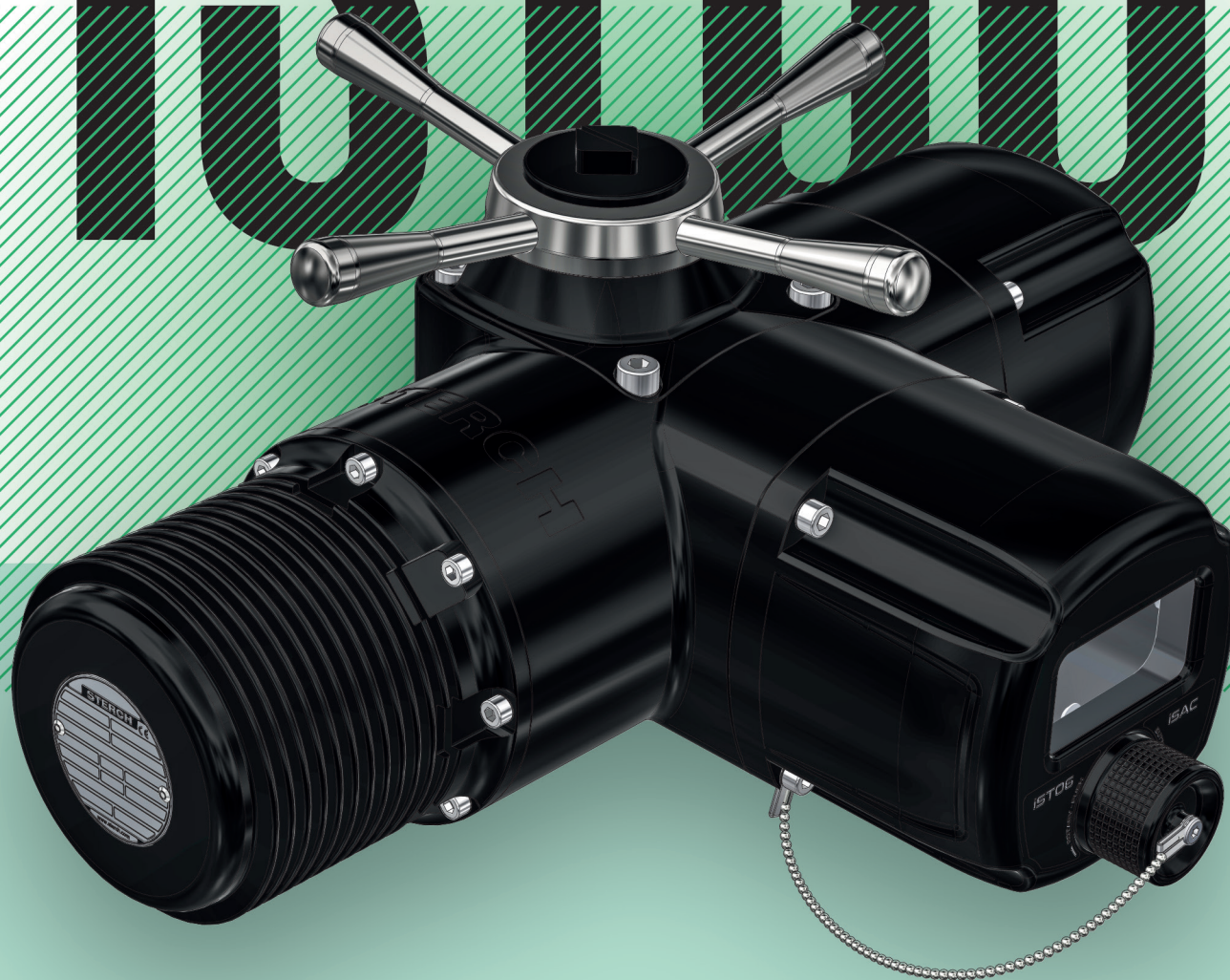


ACTUATOR

ISTOP



STERCH®

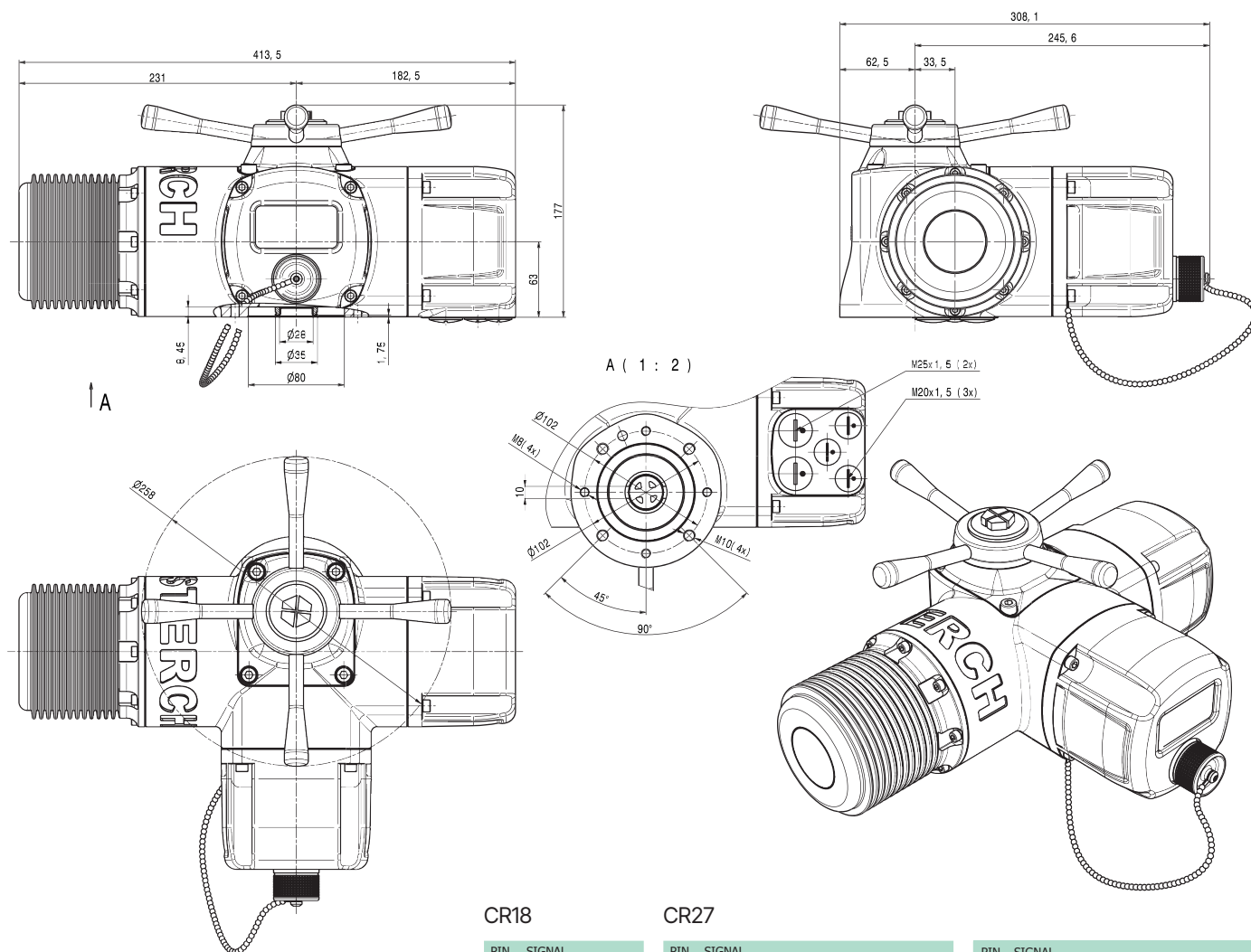
quick review



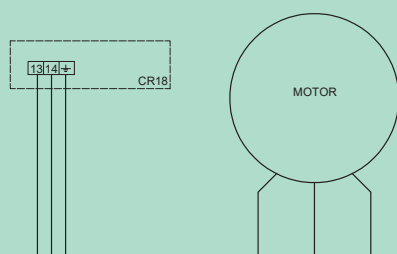
main parameters

Torque output range	7–60 Nm
Output speed	1,5–60 RPM
Revs of travel	0,5–100 revs
Rated voltage	1×230 V
Ingress protection - EN60529	IP68
Actuator control	iSAC (intelligent Sterch Actuator Control) with frequency converter
All-aluminium construction AL6061	

dimensional drawing



wiring diagram

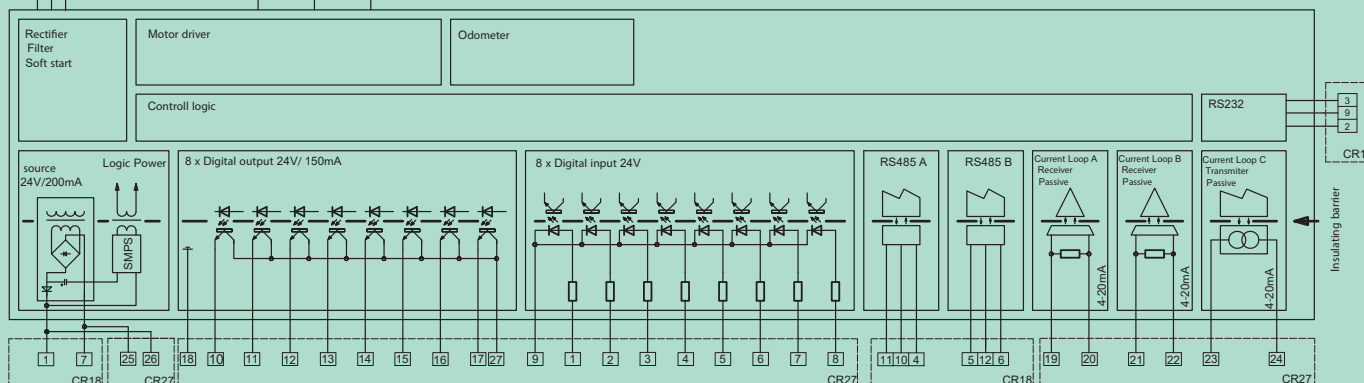
CR18

PIN	SIGNAL
1	+24V IN/OUT
2	SG
3	TXD
4	COMA B
5	COMB G
6	COMB B
7	GND
8	
9	RXD
10	COMA A
11	COMA G
12	COMB A
13	L 230V AC
14	N
15	
16	
17	
18	
⊥	PE

CR27

PIN	SIGNAL
1	Input 0 – otevřít / open
2	Input 1 – zavřít / close
3	Input 2 – stop
4	Input 3 – nouzově / emergency
5	Input 4 – total stop
6	Input 5 – zamčeno dálkově / locked remotely
7	Input 6 – nepoužito / not used
8	Input 7 – nepoužito / not used
9	Inputs GND
10	Output 0 – připraveno / ready
11	Output 1 – otevřeno / opened
12	Output 2 – zavřeno / closed
13	Output 3 – chod otevřeno / course opened
14	Output 4 – chod zavřeno / course closed
15	Output 5 – moment porucha / moment fault
16	Output 6 – místně
17	Output 7 – dálkově
18	Output GND
19	Current Loop A (RX) + (4 – 20mA)

PIN	SIGNAL
20	Current Loop A (RX) - (4 – 20mA)
21	Current Loop B (RX) + (PID)
22	Current Loop B (RX) - (PID)
23	Current Loop C (TX) + (4 – 20mA)
24	Current Loop C (TX) - (4 – 20mA)
25	GND
26	+24V IN/OUT
27	Aux power for outputs (+24V)



tech specs

Type of actuator	Open/close	iST06
	Regulating	riST06
	Operating torque	
	Minimal	7 Nm
	Maximum	60 Nm
	Regulating	30 Nm
	Type of operation	
	Open/close	S2=20 min
	Regulating	S4=1200c/h 40%ED
Mechanical connection	Hand-operation	Automatic activation and deactivation of manual actuator control
	Flange	ISO 5210 – F07, F10
	Output	A, Am, B/B1/Bs, C/Cs, D, E-B3, S
Operating environment	Maximal armature shaft Ø	27 mm
	Ingress protection – EN 60529	IP68
	Operating temperature	-40 °C / +60 °C
	Anti-corossion protection	CP1 for use in powerplants, industrial and ecological devices
	Paint / color	Elox / RAL9005
Electromotor	Weight	17,5 kg
	Type	Asynchronous electromotor controlled by frequency converter
	Isolation class	F – max. 155 °C constant temperature
	Rated voltage	1×230V ±10%
	Rated current	2,5 A
Actuator control	Input Power	650W
	Electronics with frequency converter	iSAC – intelligent Sterch Actuator Control
	Local control	
	Controls	Rotary-push button switch
	Display panel	LCD with backlight
	Communicaton	microSD slot
	Control	
	Inputs	8 digital inputs, programmable, Modbus, Current loop 4–20 mA
	Outputs	8 digital outputs, programmable, Current loop 4–20 mA
	Electronic voltage	24 V DC
	Actuator voltage	230 V AC
Electric connection	Connector	CR18 & CR27 - ILME with spring terminal connection
	Blanking plugs DIN46320 Form N-Ms	2x M25×1,5; 3x M20×1,5

contact us

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