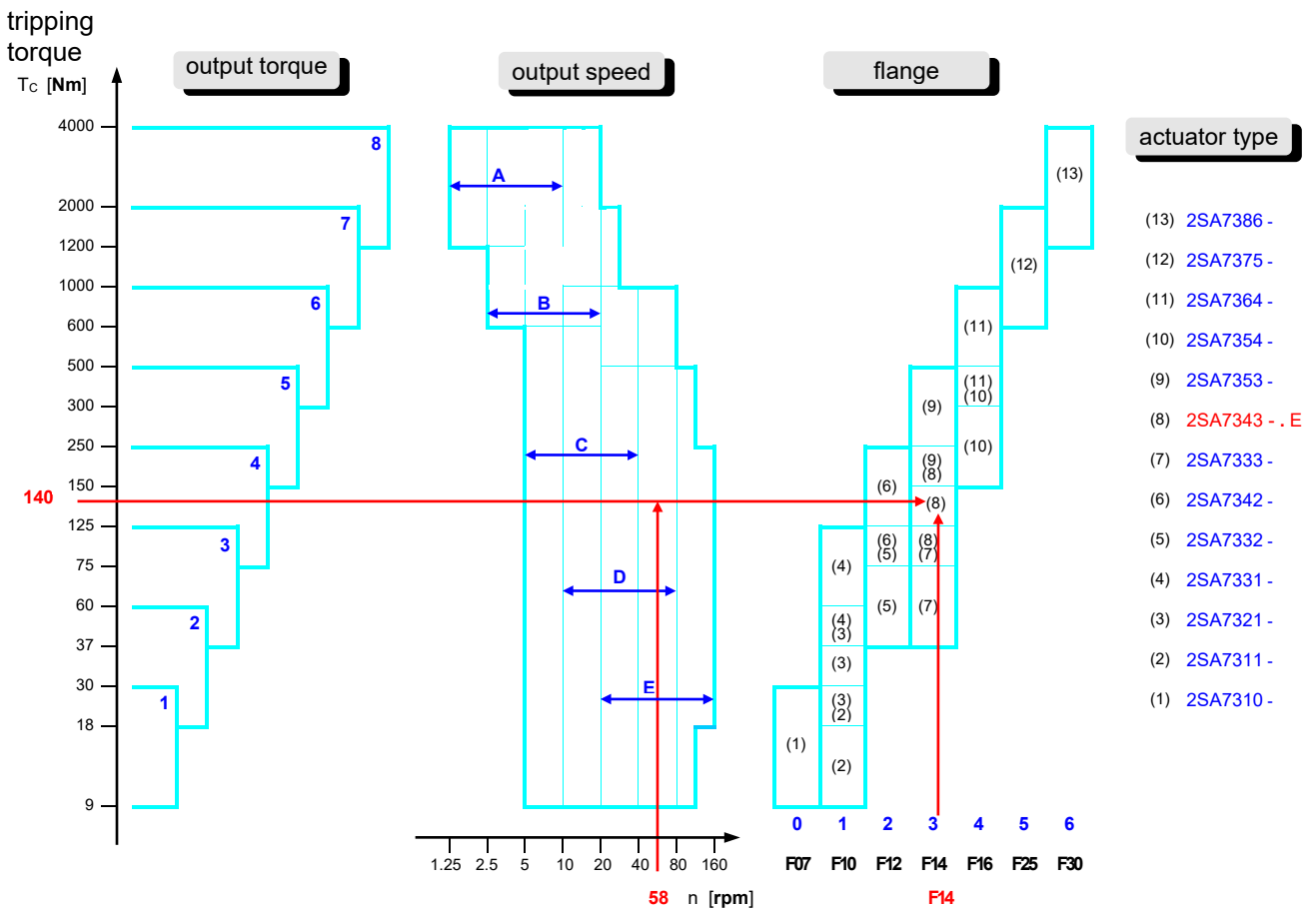
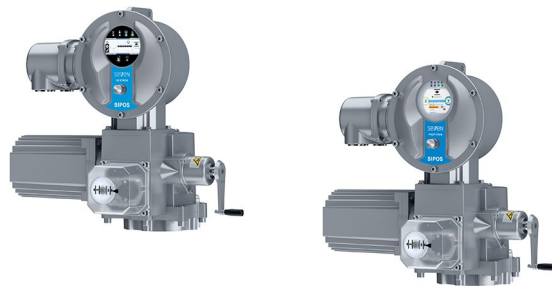


# Electric rotary actuators for inching/positioning duty

## Ordering data





## Ordering data

1 2 3 4 5 6 7 - 8 9 10 11 12 13 14 15 16  
**2SA73**   -     -           **4**

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page 4

speed range ( $n_{min.} - n_{max.}$ )	output speed [rpm] for the torque ranges [Nm]	non selflocking	set at 4)
1.25 – 10		1200-4000	3.5
2.5 – 20		1200-4000	7
5 – 40	9-30 18-60 37-125 75-250 150-500 300-1000		14
10 – 80	9-30 18-60 37-125 75-250 150-500 300-1000		28
20 – 112	9-30 18-60 37-125 75-250 150-500 300-1000		
20 – 160	18-60 37-125 75-250		56

4) other setting of the output speed - see additional features „Y07“

without add. cost

voltage range	power supply for the torque ranges [Nm]	acceptable voltage tolerance: -10% / +15%
1x AC 110 – 115 V	9-30 5) 18-60 5) 37-112	only 5-20 rpm
1x AC 220 – 230 V	9-30 18-60 37-125	only 5-40 rpm
3x AC 190 – 200 V	9-30 18-60 37-125	
3x AC 380 – 460 V	9-30 18-60 37-125 75-250 150-500 300-1000 1200-4000	

5) output speed range for 2SA731 /2. reduced to 5-20 rpm "C" or 10-40 rpm "D" or 20-80 rpm "E", for 2SA731. restricted to 20-56 rpm

without add. cost

mechanical position indicator	position recording
without	signaling gear with precision metal film potentiometer
with	commissioning without opening the actuator, with contactless position detection (without battery), data stored in non-volatile memory, position indication via progress bar and additional value indication [%] (only PROFITRON) on the display
without	non-intrusive position encoder
without	non-intrusive MWG, max. 940 revs/stroke 6)

6) max. 235 revs/stroke for 2SA738.

add. cost

version	spindle protection tube (dimensions from top of gearbox housing) for the torque ranges [Nm]
without	9-30 18-60 37-125 75-250 150-500 300-1000 1200-4000
standard	retrofitting not possible! without add. cost
special length	230 mm (9.1") 320 mm (12.6") 320 mm (12.6")
prepared 6)	470 mm (18.5") 710 mm (28") 710 mm (28")

6) recommended for mounting on gate valve

add. cost

left side

basic type	electronics unit with local control station
ECOTRON	3 binary inputs 24/48 V DC (OPEN, CLOSE, STOP), 5 binary outputs 24/48 V DC, 1 analog output 4 – 20 mA (actual position value), segment display (symbols for parameterization/commissioning)
PROFITRON	5 binary inputs 24/48 V DC (OPEN, CLOSE, STOP, EMERGENCY, Mode), 8 binary outputs 24/48 V DC, 1 analog output 0/4 – 20 mA (actual position value), multicolor graphic display with menu navigation and status indication (in many languages)

add. cost

add-ons for the electronics unit
without hardware extension
relay board with 5 (ECOTRON) / 8 (PROFITRON) outputs
PROFIBUS DP single channel
PROFIBUS DP double channel
MODBUS RTU single channel
MODBUS RTU double channel
HART (only PROFITRON)
HART + relay board (only PROFITRON)
MODBUS TCP/IP single channel
PROFINET incl. acyclic services (only PROFITRON)
PROFINET with system redundancy S2 and acyclic services (only PROFITRON)

add. cost

= without add. cost

