SARVEX 07.2 – SARVEX 16.2

Technical data Multi-turn actuators for modulating duty

General information

SARVEx multi-turn actuators with variable speed. AUMA actuator controls of ACVExC type are required to change the output speed.

Table 1: Type of duty S4 - 25 %

Type	Output speed	Torque range ¹⁾		Modulating torque ²⁾	Number of starts	Available mains voltage/mains frequency			
	rpm					1-phase AC		3-phase AC	
	50 Hz	Min. [Nm]	Max. ³⁾ [Nm]	Max. [Nm]	Starts Max. [1/h]	110 – 120 V/ 50 – 60 Hz	220 – 240 V/ 50 – 60 Hz	220 – 240 V/ 50 – 60 Hz	380 – 480 V/ 50 – 60 Hz
	6 – 60	15	30	15	1,200	■ ⁴⁾			•
SARVEx 07.2	12 – 108				900				
	24 – 216		25						-
SARVEx 07.6	6 – 60	30	60	30	1,200				-
	12 – 108		00	20	900	•			•
	24 – 216		50		300		-	-	•
	6 – 60	60	120	60	1,000	● ⁵⁾			•
SARVEx 10.2	12 – 108		120	50	800	-	-	-	•
	24 – 216		100	40	000	-		-	•
	6 – 60	120	250	120	600	-			•
SARVEx 14.2	12 – 108		230	100	000	-	•	•	•
	24 – 216		200	80	200	-	-	▲ ⁶⁾	•
SARVEx 14.6	6 – 60	250	500	150	600	-	-	A	
	12 – 108			120	000	_	-	-	•
	24 – 216		400	100	200	-	_	_	•
SARVEx 16.2	6 – 60	500	1,000	250	200	-	-	-	•

- 1) The tripping torque is adjustable for directions OPEN and CLOSE within the indicated torque range.
- 2) Maximum permissible torque for modulating duty.
- 3) Maximum torque to approx. 50 % of maximum output speed.
- 4) Square = Without restrictions for temperature class T3 up to ambient temperature +60 °C and for temperature class T4 up to ambient temperature +40 °C.
- 5) For ambient temperatures exceeding +40 °C, restrictions may occur for max. permissible modulating torque, on time and the number of starts. Detailed information on request.
- 6) Triangle = Special sizing on request

Table 2: Type of duty S4 - 50 %

Туре	Output speed	Torque range ¹⁾		Modulating torque ²⁾	Number of starts	Available mains voltage/mains frequency			
	rpm					1-phase AC		3-phase AC	
					Starts				
		Min.	Max.3)	Max.	Max.	110 – 120 V/	220 – 240 V/	220 – 240 V/	380 – 480 V/
	50 Hz	[Nm]	[Nm]	[Nm]	[1/h]	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
SARVEx 07.2	6 – 60	15	20	8	1,200	■ ⁴⁾			
SAITVLX 01.2	12 – 108				900	-			
SARVEx 07.6	6 – 60	30	40	15	1,200	◆5)	-		
SARVEX U1.0	12 – 108			10	900	•			
SARVEx 10.2	6 – 60	60	90	30	1,000	▲ ⁶⁾			
SARVEX 10.2	12 – 108			25	800	-			
SARVEx 14.2	6 – 60	120	180	60	600	-			
	12 – 108			50	000	-	•	•	
SARVEx 14.6	6 – 60	250	360	75	600	-	-	A	
	12 – 108			60	000	-	-	-	•
SARVEx 16.2	6 – 60	500	710	125	200	-	-	-	•

- 1) The tripping torque is adjustable for directions OPEN and CLOSE within the indicated torque range.
- 2) Maximum permissible torque for modulating duty.
- 3) Maximum torque to approx. 50 % of maximum output speed.
- 4) Square = Without restrictions for temperature class T3 up to ambient temperature +60 °C and for temperature class T4 up to ambient temperature +40 °C.
- 5) For ambient temperatures exceeding +40 °C, restrictions may occur for max. permissible modulating torque, on time and the number of starts. Detailed information on request.
- 6) Triangle = Special sizing on request

SARVEX 07.2 – SARVEX 16.2

Technical data Multi-turn actuators for modulating duty

Table 3: Valve attachments and weights

Туре	Output speed rpm		Valve attachment ¹⁾		Hand	Weight ²⁾	
	50 Hz	Standard EN ISO 5210	Option DIN 3210	Max. Ø rising stem [mm] [mm]	Ø [mm]	Reduction ratio	approx. [kg]
	6 – 60	F07		0.0		8:1	
SAVREx 07.2	12 – 108	F07 F10	- G0	26 34	160	8:1	20
	24 – 216	1 10		04		4:1	
	6 – 60	F07 F10	_ G0	26 34	160	8:1	21
SAVREx 07.6	12 – 108					8:1	
	24 – 216					4:1	
	6 – 60	F10	G0	40	200	8:1	25
SAVREx 10.2	12 – 108					8:1	
	24 – 216					4:1	
	6 – 60	F14	G1/2	58	315	8:1	48
SAVREx 14.2	12 – 108					8:1	
	24 – 216					4:1	
SAVREx 14.6	6 – 60	F14	G1/2	58	400	8:1	53
	12 – 108					8:1	
	24 – 216					4:1	
SAVREx 16.2	6 – 60	F16	G3	77	500	8:1	79

¹⁾ Indicated flange sizes apply for output drive types A and B1. Refer to separate dimension sheets for further output drive types.

²⁾ Indicated weight includes AUMA NORM multi-turn actuator with 3-phase AC motor, electrical connection in standard version, output drive type B1 and handwheel.

Explosion protection Standard: Il 2G Ex db eb IIC T4 or T3 Gb Il 2G Ex h IIC T4 or T3 Gb Il 2G E	type B1 and handwheel.					
Il 2G Ex h IIC T4 or T3 Gb Il 2D Ex tb IIIC T130°C or T190°C Db	Features and functions					
Product certificates DEKRA 11ATEX0008 X Type of duty Standard: Intermittent duty S4 - 25 %, class C according to EN ISO 22153 Option: Intermittent duty S4 - 50 %, class C according to EN ISO 22153 For 100 % nominal voltage and +40 °C ambient temperature and at modulating torque load. Motors 3-phase AC asynchronous squirrel-cage motor, type IM B9 according to IEC 60034-7, IC410 cooling procedure according to IEC 60034-6 Mains voltage, mains frequency Permissible variation of mains voltage and mains frequency, refer to tables on page 1. Permissible variation of mains requency: ±5 % Overvoltage category Category III according to IEC 60364-44 Insulation class Standard: F, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm MoN-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Explosion protection	Standard:	II 2G Ex h IIC T4 or T3 Gb			
Type of duty Standard: Intermittent duty S4 - 25 %, class C according to EN ISO 22153 Option: Intermittent duty S4 - 50 %, class C according to EN ISO 22153 For 100 % nominal voltage and +40 °C ambient temperature and at modulating torque load. Motors 3-phase AC asynchronous squirrel-cage motor, type IM B9 according to IEC 60034-7, IC410 cooling procedure according to IEC 60034-6 Mains voltage, mains frequency For available mains voltage and mains frequency, refer to tables on page 1. Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)		Options:				
Option: Intermittent duty S4 - 50 %, class C according to EN ISO 22153 For 100 % nominal voltage and +40 °C ambient temperature and at modulating torque load. Motors 3-phase AC asynchronous squirrel-cage motor, type IM B9 according to IEC 60034-7, IC410 cooling procedure according to IEC 60034-6 Mains voltage, mains frequency For available mains voltage and mains frequency, refer to tables on page 1. Permissible variation of mains voltage: ±10 % Permissible variation of mains requency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking Self-locking: Speed range variant 24 – 216 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Product certificates	DEKRA 11ATEX0008 X				
For 100 % nominal voltage and +40 °C ambient temperature and at modulating torque load. Motors 3-phase AC asynchronous squirrel-cage motor, type IM B9 according to IEC 60034-7, IC410 cooling procedure according to IEC 60034-6 Mains voltage, mains frequency For available mains voltage and mains frequency, refer to tables on page 1. Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Option: H, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Type of duty	Standard:	Intermittent duty S4 - 25 %, class C according to EN ISO 22153			
Motors 3-phase AC asynchronous squirrel-cage motor, type IM B9 according to IEC 60034-7, IC410 cooling procedure according to IEC 60034-6 Mains voltage, mains frequency For available mains voltage and mains frequency, refer to tables on page 1. Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)		Option:	Intermittent duty S4 - 50 %, class C according to EN ISO 22153			
cedure according to IEC 60034-6 Mains voltage, mains frequency Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency, refer to tables on page 1. Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operatic Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)		For 100 % no	minal voltage and +40 °C ambient temperature and at modulating torque load.			
Permissible variation of mains voltage: ±10 % Permissible variation of mains frequency: ±5 % Overvoltage category Category III according to IEC 60364-4-44 Insulation class Standard: F, tropicalized Option: H, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Motors					
Insulation class Standard: F, tropicalized Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Mains voltage, mains frequency	Permissible variation of mains voltage: ±10 %				
Option: H, tropicalized Motor protection PTC thermistors (according to DIN 44082) Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm	Overvoltage category	Category III a	ccording to IEC 60364-4-44			
Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Insulation class		•			
Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torque acts upon the output drive. Motor heater (option) Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Motor protection					
Power 12.5 W Manual operation Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Self-locking	Self-locking: Speed ranges 6 – 60 rpm and 12 – 108 rpm NON-self-locking: Speed range variant 24 – 216 rpm Multi-turn actuators are self-locking if the valve position cannot be changed from standstill while torqu				
Manual drive for setting and emergency operation, handwheel does not rotate during electrical operation Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Motor heater (option)	Voltages: 110 – 120 V AC, 220 – 240 V AC or 380 – 480 V AC				
Options: Handwheel lockable Handwheel stem extension Power tool for emergency operation with square 30 mm or 50 mm Indication for manual operation (option) Indication whether manual operation is active/not active via single switch (1 change-over contact) Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)		Power 12.5 W				
Electrical connection Standard: AUMA Ex plug/socket connector (KT); screw-type motor terminals; control terminals in spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)	Manual operation		Handwheel lockable Handwheel stem extension			
spring clamp terminal technology Option: AUMA Ex plug/socket connector with terminal blocks (KES)		Indication whether manual operation is active/not active via single switch (1 change-over contact)				
	Electrical connection	Standard:				
Threads for cable entries Standard: Metric threads		Option:	AUMA Ex plug/socket connector with terminal blocks (KES)			
	Threads for cable entries	Standard:	Metric threads			
Option: Pg threads, NPT threads, G threads		Option:	Pg threads, NPT threads, G threads			

Technical data Multi-turn actuators for modulating duty

Features and functions							
Wiring diagram	TPA00R2AA	n-001-000 (basic version)					
Valve attachment	Standard: B1 in accordance with ISO 5210						
	Options: A, B2, B3, B4, C, D according to ISO 5210						
		A, B, D, E according to DIN 3210					
		C according to DIN 3338					
		e attachments: AF, AK, AG, B3D, ED, DD, IB1, IB3					
	A prepared f	A prepared for permanent lubrication of stem					
Electromechanical control unit							
Limit switching	Counter gear mechanism for end positions OPEN and CLOSED						
	Turns per stroke: 2 to 500 (standard) or 2 to 5,000 (option)						
	Standard:	Single switch (1 NC and 1 NO) for each end position, not galvanically isolated					
	Options:	Tandem switch (2 NC and 2 NO) for each end position, switch galvanically isolated Triple switch (3 NC and 3 NO) for each end position, switch galvanically isolated Intermediate position switches (DUO limit switching), adjustable for each direction of opera-					
Torque switching	Torque switc	tion ching adjustable for directions OPEN and CLOSE					
Torque switching	Torque Switch	Single switch (1 NC and 1 NO) silver contact (Ag) for each direction, not galvanically isol-					
	Standard:	ated					
	Option:	Tandem switch (2 NC and 2 NO) for each direction, switch galvanically isolated					
Switch contact materials	Standard:	Silver (Ag)					
	Option:	Gold (Au), recommended for low voltage actuator controls					
Position feedback signal, analogue (options)	Potentiometer or 0/4 – 20mA (electronic position transmitter)						
Mechanical position indicator (option)	Continuous indication, adjustable indicator disc with symbols OPEN and CLOSED						
Running indication (option)	Blinker transmitter						
Heater in switch compartment	Resistance type heater with 5 W, 24 V DC						
Electronic control unit (option)							
Non-intrusive settings	Magnetic limit and torque transmitter (MWG)						
	Turns per stroke: 2 to 500 (standard) or 10 to 5,000 (option)						
Position feedback signal	Via actuator controls						
Torque feedback signal	Via actuator	controls					
Mechanical position indicator (option)	Continuous	self-adjusting indication with symbols OPEN and CLOSED					
Running indication	Blinking sign	nal via actuator controls					
Heater in switch compartment	Resistance t	ype heater with 5 W, 24 V AC					
Service conditions							
Use	Indoor and o	outdoor use permissible					
Mounting position	Any position						
Installation altitude	≤ 2,000 m ab	pove sea level					
	> 2,000 m at	pove sea level on request					
Ambient temperature	Standard:	−30 °C to +40 °C/+60 °C					
	Options:	-40 °C to +40 °C/+60 °C -60 °C to +40 °C/+60 °C					
Humidity	Up to 100 %	relative humidity across the entire permissible temperature range					
Enclosure protection in accordance	IP68 with AUMA 3-phase AC motor						
with IEC 60529	Terminal compartment additionally sealed against interior of actuator (double sealed)						
	According to AUMA definition, enclosure protection IP68 meets the following requirements:						
	Depth of water: maximum 8 m head of water						
	Continuous immersion in water: maximum 96 hours						
	Up to 10 operations during immersion						
	 Modulat 	ting duty is not possible during immersion.					
Pollution degree according to	Pollution deg	gree 4 (when closed), pollution degree 2 (internal)					
IEC 60664-1							

PR01305/en Issue 1.25 Page 3/4

SARVEX 07.2 – SARVEX 16.2

Technical data Multi-turn actuators for modulating duty

Service conditions					
Vibration resistance according to IEC 60068-2-6	2 g, 10 to 200 Hz (AUMA NORM) 1 g, 10 to 200 Hz (for actuators with ACVExC actuator controls) Resistant to vibration during start-up or for plant failures. However, a fatigue strength may not be derived from this. Not valid in combination with gearboxes.				
Corrosion protection	Standard:	KS: Suitable for use in areas with high salinity, almost permanent condensation, and hi pollution.			
	Options:	KX: Suitable for use in areas with extremely high salinity, permanent condensation, and high pollution. KX-G: Same as KX, however aluminium-free version (outer parts)			
Coating	Double layer powder coating				
Colour	Standard:	AUMA silver-grey (similar to RAL 7037)			
	Option:	Available colours on request			
Lifetime	AUMA multi-turn actuators meet or exceed the lifetime requirements of EN ISO 22153. Detailed information can be provided on request.				
Sound pressure level	< 72 dB (A)				
Further information					
EU Directives	ATEX Directive 2014/34/EU Machinery Directive 2006/42/EC Low Voltage Directive 2014/35/EU EMC Directive 2014/30/EU RoHS Directive 2011/65/EU				
Reference documents	Dimensions SAVEx 07.2 – SAVEx 16.2/SARVEx 07.2 – SARVEx 16.2 with ACVExC 01.2 Electrical data SARVEx 07.2 – SARVEx 16.2 Technical data ACVExC 01.2				

PR01305/en Issue 1.25

Page 4/4