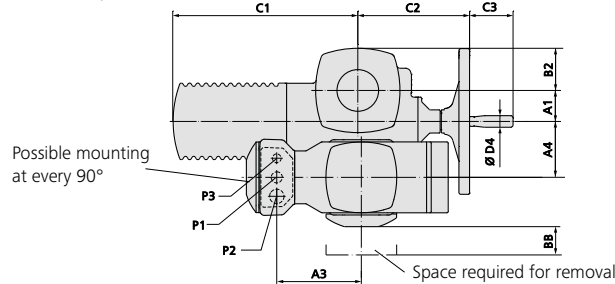
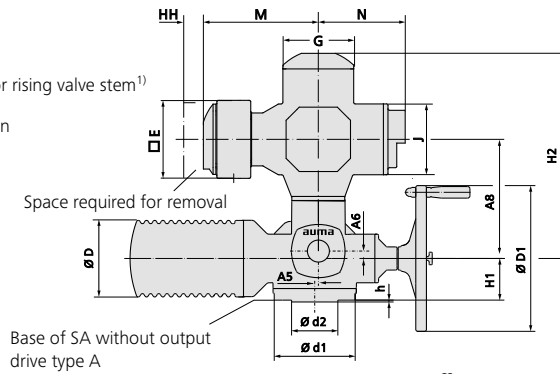
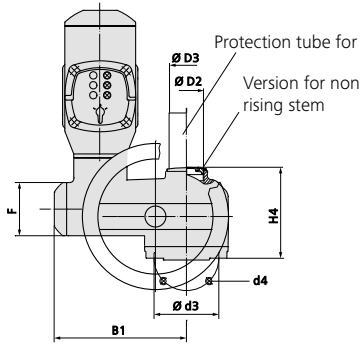


Dimensions Multi-turn actuators with AMExC integral actuator controls (also for fieldbus)

Ex plug/socket connector with terminal block (KT/KM)

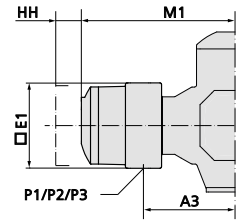
Standard:

KT-Ex e with push-in connection

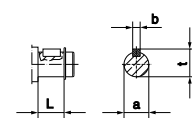


Option:

- KT-Ex d with push-in connection
- KM-Ex e with terminals
- KM-Ex d with terminals



Handwheel shaft



- 1) On explicit order only
- 2) Standard, other threads on request

Valve attachments according to EN ISO 5210, DIN 3210, DIN 3338
For dimensions see overleaf

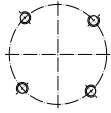
Dimensions	SAEx 07.2 SAREx 07.2	SAEx 07.6 SAREx 07.6	SAEx 10.2 SAREx 10.2	SAEx 14.2 SAREx 14.2	SAEx 14.6 SAREx 14.6	SAEx 16.2 SAREx 16.2
EN ISO 5210 (DIN 3210)	F07	F10 (G0)	F07	F10 (G0)	F14 (G1/2)	F16 (G3)
A1	40	40	50	67	67	80
A3	183	183	183	183	183	183
A4	103	103	103	119	119	123.5
A5	–	–	–	8	8	15
A6	–	–	–	16	16	20
A8	243	243	243	259	259	263
B1	245	245	255	293	293	311
B2	62	62	65	90	90	117
C1	268	268	283	389	389	432
C2	186	186	191	242	245	271
C3	63	63	63	94	94	94
Ø D	104	104	124	155	155	192
Ø D1	160	160	200	315	400	500
Ø D2	G 1¼"	G 1¼"	G 2"	G 2½"	G 2½"	G 3"
Ø D3	42 x 3.3	42 x 3.3	60 x 3.7	76 x 3.7	76 x 3.7	89 x 4.1
Ø D4	20	20	20	25	25	25
□ E	166	166	166	166	166	166
□ E1	170	170	170	170	170	170
F	115	115	115	115	115	115
G	154	154	154	154	154	154
H1	78	78	80	90	90	110
H2	430	430	430	446	446	450
H4	160	160	170	196	196	235
J	154	154	154	154	154	154
L	20	20	24	38.8	45.8	45.8
M	248	248	248	248	248	248
M1	307	307	307	307	307	307
N	189	189	189	189	189	189
P1 ²⁾	M25 x 1.5	M25 x 1.5	M25 x 1.5	M25 x 1.5	M25 x 1.5	M25 x 1.5
P2 ²⁾	M32 x 1.5	M32 x 1.5	M32 x 1.5	M32 x 1.5	M32 x 1.5	M32 x 1.5
P3 ²⁾	M20 x 1.5	M20 x 1.5	M20 x 1.5	M20 x 1.5	M20 x 1.5	M20 x 1.5
BB min.	180	180	180	180	180	180
HH min.	50	50	50	50	50	50
Ø a	20 d7	20 d7	20 d7	30 d7	30 d7	30 d7
b	6	6	6	8	8	8
Ø d1	90 125	90 125	125	175	175	210
Ø d2 f12	55 70 (60)	55 70 (60)	70 (60)	100	100	130
Ø d3	70 102	70 102	102	140	140	165
d4	4 x M8 4 x M10	4 x M8 4 x M10	4 x M10	4 x M16	4 x M16	4 x M20
h	3	3	3	4	4	5
t	22.5	22.5	22.5	33	33	33

We reserve the right to alter data according to improvements made. Previous documents become invalid with the issue of this document.

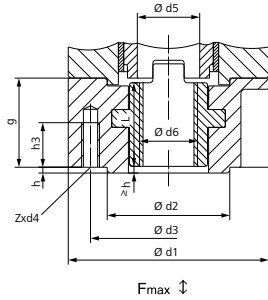
Dimensions Valve attachments according to EN ISO 5210, DIN 3338, DIN 3210

Stem nut

Type
EN ISO 5210 **A**
DIN 3210 **A**



Arrangement of holes d4

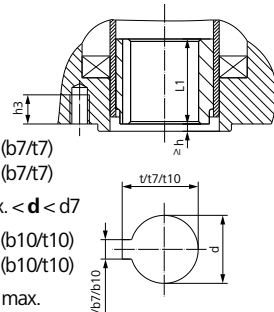


SA.../SAR...	07.2/07.6			10.2		14.2/14.6		16.2			
	EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2	F16	G3
F max. kN			40	70		70		160		250	
Ø d1			90	125		125		175		210	
Ø d2			55	70	60	70	60	100		130	
Ø d3			70	102		102		140		165	
d4			M8	M10		M10		M16		M20	
Ø d5				36		44		62		80	
Ø d6 max. 5)			Tr 26	Tr 32 ⁶⁾		Tr 40		Tr 55		Tr 75	
			ACME 1"	ACME 1¼" 6)		ACME 1½"		ACME 2¼"		ACME 3"	
g			40	50		50		65		80	
h				3		3		4		5	
h3			12	15		15		25		35	
L			37.5	47.5		47.5		61.5		76.5	
Z				4		4		4		4	
Weight kg			1.1	2.8		2.8		6.8		11.7	
Bore with keyway according to DIN 6885-1			Ø d6 H9 max.	22	38		38	57		70	
Square			SW max.	20	32		32	42		on request	
Hexagon			SW max.	22	32		32	48		on request	

Special bores

Output drive sleeve³⁾

Type
EN ISO 5210 **B1** d = d7 (b7/t7)
DIN 3210 **B** d = d7 (b7/t7)
EN ISO 5210 **B2**¹⁾ d10 max. < d < d7
EN ISO 5210 **B3** d = d10 (b10/t10)
DIN 3210 **E** d = d10 (b10/t10)
EN ISO 5210 **B4**¹⁾ d ≤ d10 max.



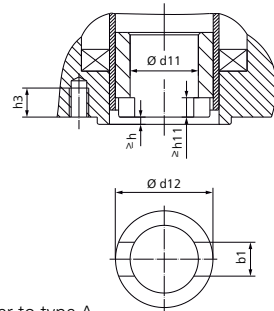
For missing dimensions, refer to type A

Special bores

Square	SW max.	22	30		30		45		60
Hexagon	SW max.	24	32		32		50		on request

Dog coupling³⁾

Type
EN ISO 5210 **C** = d11
DIN 3338 **C** = d11

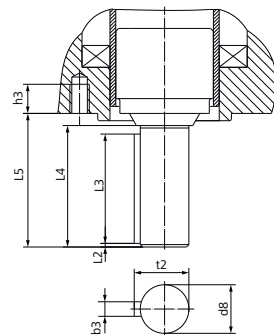


For missing dimensions, refer to type A

SA.../SAR...	07.2/07.6			10.2		14.2/14.6		16.2			
	EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2	F16	G3
b1 H11			14 ⁴⁾	14		14		20		24	
Ø d11 H11			28 ⁴⁾	28		28		38		47	
Ø d11 min.			–	20		20		30		40	
Ø d11 max.			–	42 ^{2) 6)}		42		60		80	
Ø d12			36.8	51.8		51.8		73.8		98	
h3			12	13		15		25		30	
h11			7 ⁴⁾	7		7		8		10	

Shaft end

Type
EN ISO 5210 **D**
DIN 3210 **D**



For missing dimensions, refer to type A

SA.../SAR...	07.2/07.6			10.2		14.2/14.6		16.2			
	EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2	F16	G3
Ø d8 g6				20		20		30		40	
b3 h9				6		6		8		12	
h3			12	13		15		25		30	
L2				1.5		1.5		2		3	
L3				45		45		63		80	
L4				50		50		70		90	
L5				55		55		76		97	
t2				22.5		22.5		33		43	
Weight kg				0.4		0.7		2		4.3	

1) Dimensions b, t depend on Ø d, refer to DIN 6885-1

2) For rising valve stem Ø d11 max. = Ø d5 of type A

3) Weight included in actuator

4) Dimensions neither complying with EN ISO 5210 nor with DIN 3338

5) Nominal diameter for trapezoidal thread Tr according to DIN 103 or ACME according to ANSI/ASME B 1.5

6) For stem protection tube made of PMMA max. Tr 30 or ACME 1½"

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