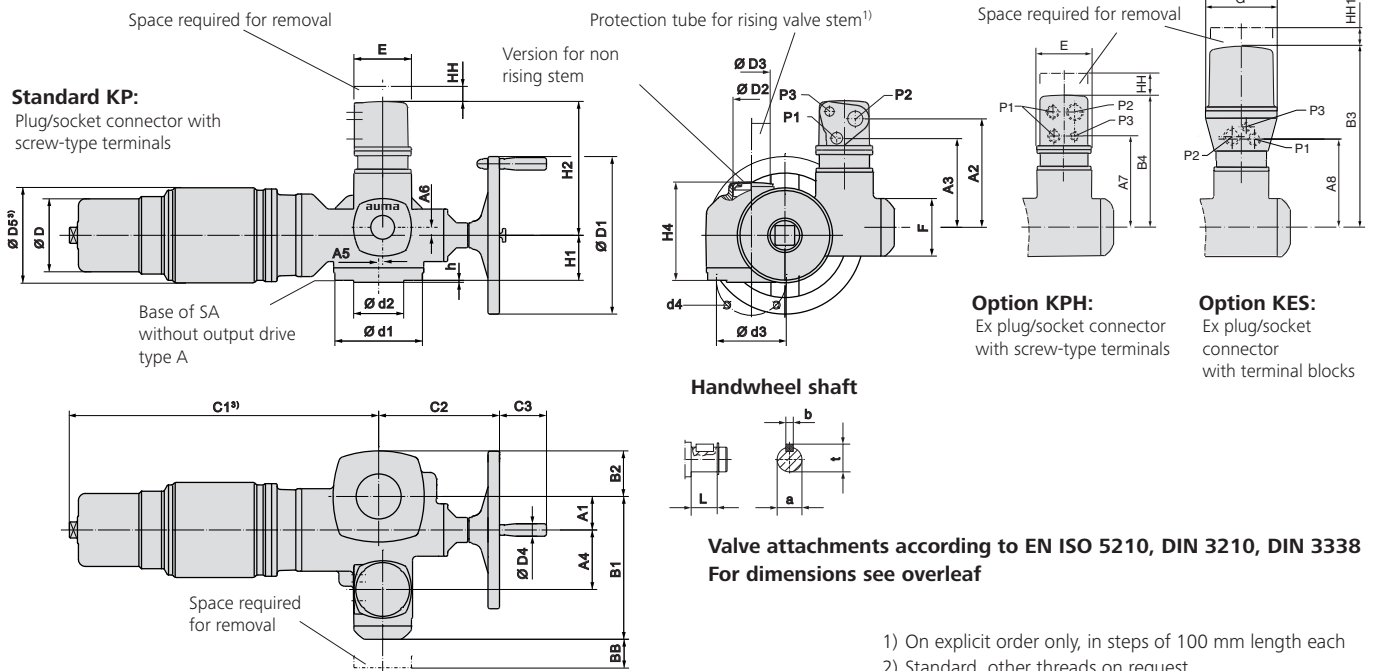


Dimensions Multi-turn actuators with 1-ph AC motor

With explosion proof plug/socket connector



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

- 1) On explicit order only, in steps of 100 mm length each
- 2) Standard, other threads on request
- 3) Exact dimension depending on motor used

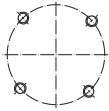
Dimensions	SAEx 07.2/SAREx 07.2		SAEx 07.6/SAREx 07.6		SAEx 10.2/SAREx 10.2	SAEx 14.2/SAREx 14.2	SAEx 14.6/SAREx 14.6
EN ISO 5210 (DIN 3210)	F07	F10 (G0)	F07	F10 (G0)	F10 (G0)	F14 (G1/2)	F14 (G1/2)
A1	40		40		50	67	67
A2	221		221		221	221	221
A3	181		181		181	181	181
A4	103		103		103	119	119
A5	-		-		-	8	8
A6	-		-		-	16	16
A7	207		207		207	207	207
A8	172		172		172	172	172
B1	245		245		255	293	293
B2	62		62		65	90	90
B3	394		394		394	394	394
B4	282		282		282	282	282
C1 ³⁾	565		565		576 (571)	622	622
C2	186		186		191	242	245
C3	63		63		63	94	94
Ø D	146		146		146	146	146
Ø D1	160		160		200	315	400
Ø D2	G 1¼"		G 1¼"		G 2"	G 2½"	G 2½"
Ø D3	42 x 3.3		42 x 3.3		60 x 3.7	76 x 3.7	76 x 3.7
Ø D4	20		20		20	25	25
Ø D5 ³⁾	170		170		190 (170)	190	190
E	115		115		115	115	115
F	115		115		115	115	115
G	150		150		150	150	150
H1	78		78		80	90	90
H2	257		257		257	273	273
H4	160		160		170	196	196
L	20		20		24	38.8	45.8
P1 ²⁾	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
P3 ²⁾	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
HH min.	60		60		60	60	60
HH1 min.	130		130		130	130	130
Ø a	20 d7		20 d7		20 d7	30 d7	30 d7
b	6		6		6	8	8
Ø d1	90	125	90	125	125	175	175
Ø d2	55	70 (60)	55	70 (60)	70 (60)	100	100
Ø d3	70	102	70	102	102	140	140
d4	4 x M8	4 x M10	4 x M8	4 x M10	4 x M10	4 x M16	4 x M16
h	3		3		3	4	4
t	22.5		22.5		22.5	33	33

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

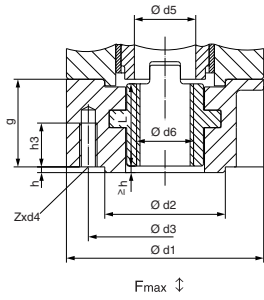
Dimensions Valve attachments according to EN ISO 5210, DIN 3210

Stem nut

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



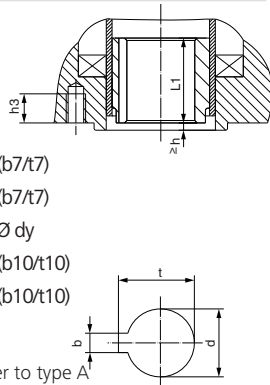
Arrangement of holes d4



Dimensions		SAEx 07.2/SAEx 07.6			SAEx 10.2		SAEx 14.2/SAEx 14.6	
EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2
F max. kN		40	40	40	70	70	160	
Ø d1		90	125	125	125	125	175	
Ø d2		55	70	60	70	60	100	
Ø d3		70	102	102	102	102	140	
d4		M8	M10	M10	M10	M10	M16	
Ø d5		35	36	36	44	44	62	
Ø d6 max. 5)		27	33	33	41	41	57	
g		40	50	50	50	50	65	
h		3	3	3	3	3	4	
h3		12	15	15	15	15	25	
L		37	47	47	47	47	60	
Z		4	4	4	4	4	4	
Weight kg		1.1	2.8	2.8	2.8	2.8	6.8	

Output drive sleeve³⁾

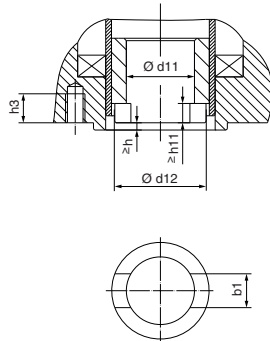
Type
EN ISO 5210 **B 1** = Ø d7 (b7/t7)
DIN 3210 **B** = Ø d7 (b7/t7)
EN ISO 5210 **B 2** < Ø d7 > Ø dy
EN ISO 5210 **B 3** = Ø d10 (b10/t10)
DIN 3210 **E** = Ø d10 (b10/t10)
EN ISO 5210 **B 4** ≤ Ø dy
For missing dimensions, refer to type A¹⁾



Dimensions		SAEx 07.2/SAEx 07.6			SAEx 10.2		SAEx 14.2/SAEx 14.6	
EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2
Ø d7 H9		28	42	42	42	42	60	
b7 JS9		8	12	12	12	12	18	
t7		31.3	45.3	45.3	45.3	45.3	64.4	
Ø d10 H9		16	20	20	20	20	30	
b10 JS9		5	6	6	6	6	8	
t10		18.3	22.8	22.8	22.8	22.8	33.3	
Ø dy H9 ¹⁾		25	35	35	35	35	45	
h3		12	13	13	15	15	25	
L1		35	45	45	45	45	65	

Dog coupling³⁾

Type
DIN 3338 **C** = Ø d11

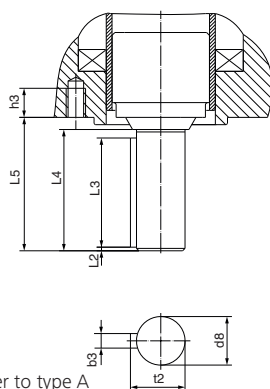


Dimensions		SAEx 07.2/SAEx 07.6			SAEx 10.2		SAEx 14.2/SAEx 14.6	
EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2
b1 H11		14 ⁴⁾	14	14	14	14	20	
Ø d11 H11		28 ⁴⁾	28	28	28	28	38	
Ø d11 min.		–	20	20	20	20	30	
Ø d11 max. ²⁾		–	42	42	42	42	60	
Ø d12		36.8	51.8	51.8	51.8	51.8	73.8	
h3		12	13	13	15	15	25	
h11		7 ⁴⁾	7	7	7	7	8	

For missing dimensions, refer to type A

Shaft end

Type
DIN 3210 **D**



Dimensions		SAEx 07.2/SAEx 07.6			SAEx 10.2		SAEx 14.2/SAEx 14.6	
EN ISO 5210	DIN 3210	F07	F10	G0	F10	G0	F14	G1/2
Ø d8 g6		20	20	20	20	20	30	30
b3 h9		6	6	6	6	6	8	8
h3		12	13	13	15	15	25	25
L2		1.5	1.5	1.5	1.5	1.5	2	2
L3		45	45	45	45	45	63	63
L4		50	50	50	50	50	70	70
L5		55	55	55	55	55	76	76
t2		22.5	22.5	22.5	22.5	22.5	33	33
Weight kg		0.4	0.4	0.4	0.7	0.7	2	2

For missing dimensions, refer to type A

- 1) Dimensions b, t depend on Ø dy, 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 not complying with DIN 3338
- 5) Max. bore diameter in mm

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