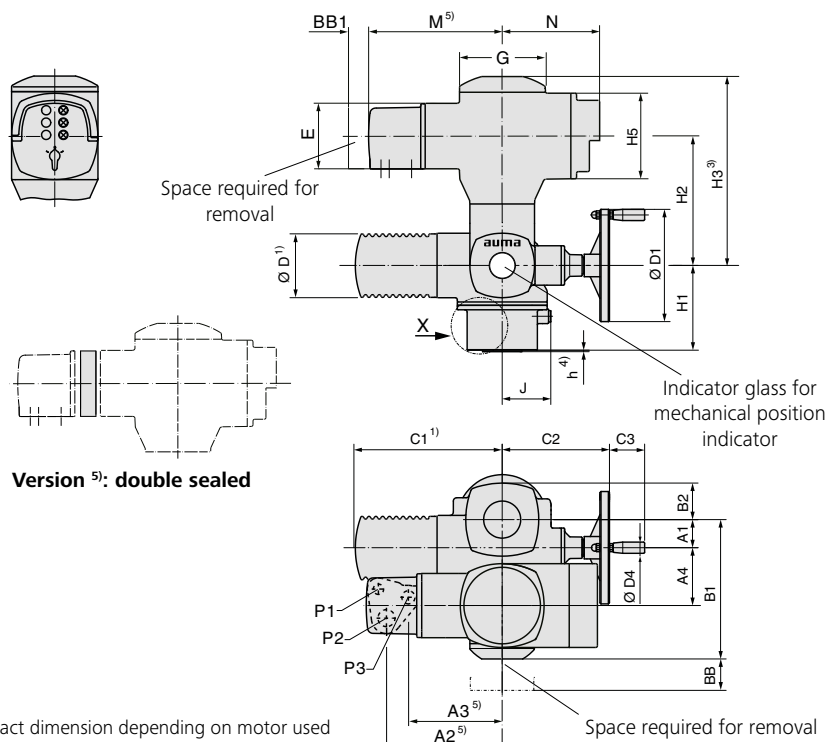


Dimensions Part-turn actuators with integral controls AUMA MATIC

With AUMA plug/socket connector and 3-phase AC motor



1) Exact dimension depending on motor used

2) Standard, other threads on request

3) Exact dimension depending on AM equipment

4) Allowance for spigot is not available as standard

The spigot ring is a separate component, available as option.

5) Option: Enclosure protection IPxx-DS, cover for electrical connection with additional frame

6) Combined flange F05/F07 without spigot (standard). As an alternative an individual flange F07 can be ordered with/without spigot

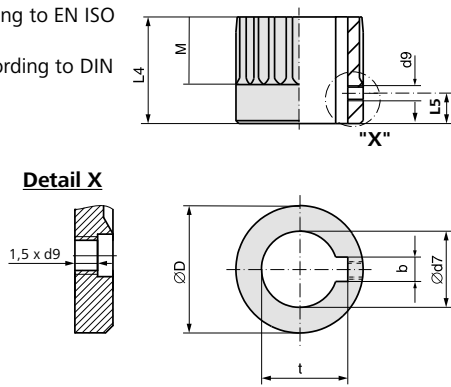
Output drives according to EN ISO 5211
For dimensions see overleaf

Dimensions	SQ 05.2/AM 01.1		SQ 07.2/AM 01.1			SQ 10.2/AM 01.1		SQ 12.2/AM 01.1		SQ 14.2/AM 01.1	
EN ISO 5211	F05 ⁶⁾	F07 ⁶⁾	F05 ⁶⁾	F07 ⁶⁾	F10	F10	F12	F12	F14	F14	F16
A1		40					50		50		50
A2 ⁵⁾		199 (226 ⁵⁾)					199 (226 ⁵⁾)		199 (226 ⁵⁾)		199 (226 ⁵⁾)
A3 ⁵⁾		159 (186 ⁵⁾)					159 (186 ⁵⁾)		159 (186 ⁵⁾)		159 (186 ⁵⁾)
A4		103					103		103		103
B1		238					248		248		248
B2		50					65		65		65
C1 ¹⁾		265					265		265		265
C2		186					191		191		191
C3		63					63		63		63
Ø D ¹⁾		101					101		101		101
Ø D1		160					200		200		200
Ø D4		20					20		20		20
E		115					115		115		115
F		115					115		115		115
G		150					150		150		150
H1	134		134		160	151	183	175	215	210	260
H2		232				232		232		232	
H3 ³⁾		337				337		337		337	
H4	193		193		217	214	246	238	278	273	323
H5		150				150		150		150	
J		69				86		109		128	
L max.	40		40		66	50	82	61	101	75	125
M ⁵⁾		235 (262 ⁵⁾)				235 (262 ⁵⁾)		235 (262 ⁵⁾)		235 (262 ⁵⁾)	
N		171				171		171		171	
P1 ²⁾		M20 x 1.5				M20 x 1.5		M20 x 1.5		M20 x 1.5	
P2 ²⁾		M32 x 1.5				M32 x 1.5		M32 x 1.5		M32 x 1.5	
P3 ²⁾		M25 x 1.5				M25 x 1.5		M25 x 1.5		M25 x 1.5	
BB min.		180				180		180		180	
BB1 min.		30				30		30		30	
Ø d1	90		90		125	125	150	150	175	175	210
Ø d2	—		—		70	70	85	85	100	100	130
Ø d3	50	70	50	70	102	102	125	125	140	140	165
d4	4 x M6	4 x M8	4 x M6	4 x M8	4 x M10	4 x M10	4 x M12	4 x M12	4 x M16	4 x M16	4 x M20
Ø d5		125				160		210		225	
h ⁴⁾	—		—		2.5	2.5		2.5	3.5	3.5	4.5
h1	12	15	15		16	18	19	22	25	29	32

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

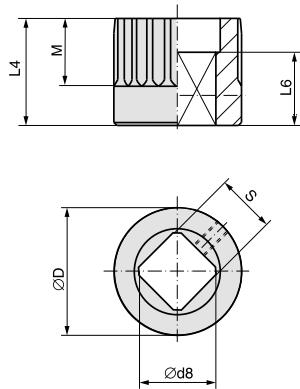
Dimensions Couplings according to EN ISO 5211

Bore according to EN ISO 5211 with keyway according to DIN 6885-1



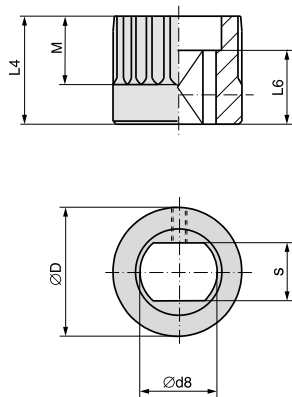
SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
b JS9 ¹⁾	6		6		8		10		14	
Ø d7 H8 ²⁾	18		22		28		36		48	
Ø d7 max.	25.4		25.4		38		50		60	
d9 ³⁾	M5		M5		M6		M6		M6	
L4	35		35		60		55		95	
L5 ³⁾	8		8		10		10		10	
M	20		20		30		40		47	
t ¹⁾	20.8		24.8		31.3		39.3		51.8	

Square bore according to EN ISO 5211



SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
Ø d8 min. ²⁾	18.1		22.2		28.2		36.2		48.2	
Ø d8 max.	28.2		28.2		40.2 ⁴⁾		48.2		60.2	
L4	35		35		60		55		95	
L6 min.	30		30		30		30		40	
M	20		20		30		40		47	
s H11 ²⁾	14		17		22		27		36	
s H11 max.	22		22		30 ⁴⁾		36		46	

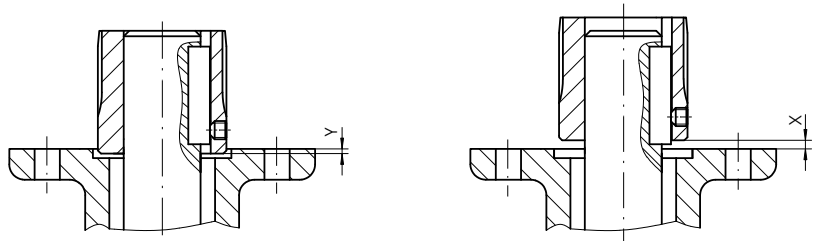
Two-flat according to EN ISO 5211



SQ../SQR..	05.2		07.2		10.2		12.2		14.2	
EN ISO 5211	F05	F07	F07	F10	F10	F12	F12	F14	F14	F16
Ø D	41.75		41.75		51.75		67.6		81.6	
Ø d8 min. ²⁾	18.1		22.2		28.2		36.2		48.2	
Ø d8 max.	28.2		28.2		36.2		48.2 (48 ⁵⁾)		60.2	
L4	35		35		60		55		95	
L6 min.	25		25		25		30		40	
M	20		20		30		40		47	
s H11 ²⁾	14		17		22		27		36	
s H11 max.	22		22		27		36 (41 ⁵⁾)		46	

Mounting position of the coupling within fitting dimensions according to AUMA definition

X max.	3		4		5		8	
Y max.	2		5		10		10	



1) Dimensions depend on Ø d7, refer to DIN 6885-1

2) Recommended size according to EN ISO 5211

3) Thread with grub screw

4) According to DIN 79

5) According to DIN 475